

Centre for Genetic Manipulation of Crop Plants
University of Delhi South Campus
New Delhi- 110021

E-Tender Notice

09-10-2017

Tenders are hereby invited from national firms/institutes with experience and expertise for Illumina based **Whole Genome Sequencing project** to be carried out as per specifications below. The sequencing and data analysis cost should be mentioned separately in the tender. **The tender is to be submitted in two parts, viz., technical and financial bids** and should be uploaded on to the e-procurement website within 21 days of the date of advertisement. Financial bid will be opened only for the firm/institution that meets the stipulated technical parameters/requirements given in Annexure V.

S.No.	Description of service	Qty
1.	Illumina based paired end library preparation	1 project- 5 samples
2.	At least 40X filtered paired end (2x100bp) sequence generation for 3 genomes of size 1100Mb and 2 genomes of size ~500Mb.	

Bids shall be submitted online only at CPPP website: <https://eprocure.gov.in/eprocure/app>.

Bidders/Vendors are advised to follow the instructions provided in the 'Instructions for Online Bid Submission' for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>.

The tender must be valid for acceptance for at least a period of 90 days from the date of opening of the bids. However, this may be extended for the period approved by the University (subject to approval) with consent of the bidder.

The selection of the firm for the above mentioned service will be based on lowest quoted price, evidence of expertise in the field and technical specifications mentioned in the tender (Annexure II). **Financial bids will be opened only of those firms that meet the technical specifications mentioned in Annexure II.** The University reserves the right to accept or reject quotation without assigning any reason thereof.


Director
Centre for Genetic Manipulation of
Crop Plants (CGMCP)
University of Delhi South Campus

Annexure I

Documents to be submitted by the Bidders

Submission of Tender

The tender shall be submitted online in two parts (Technical Bid and Financial Bid). All the pages of bid being submitted must be signed and sequentially numbered by the bidder irrespective of nature of content of the documents before uploading.

The offers submitted by Telegram / Fax / E-mail / by hand shall not be considered. No correspondence will be entertained in this matter.

Technical Bid

The following documents are to be furnished (uploaded) by the bidder along with Technical Bid (Annexure II) as per the tender document:

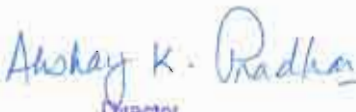
- i. Signed and scanned copy of valid registration certificate of firm, PAN No. and Tender Acceptance Letter.
- ii. Signed and Scanned copy of list of all clients from Central Govt. / State Govt. / PSUs/ CPSEs/ Govt. Educational Institutions with their contact details where firm successfully completed WGS project should be submitted. **Submit only the completion certificate duly attested by the concerned authority. Don't submit the whole project document and Project Order.**
- iii. Signed and scanned copy of Letter of Proposal (as per Annexure). Signed and scanned copy of Compliance statement for all the technical specifications to be supplied.

Note:

- i. If the bid is incomplete and / or non-responsive it will be rejected during technical evaluation. The bidder may not be approached for clarifications during the technical evaluation. So, the bidders are requested to ensure that they provide all necessary details in the submitted bids.
- ii. If any price details are found in the Technical Bid, the offer will be summarily rejected.

Price bid

- i. Schedule of price bid in the form of Annexure III
- ii. The PRICE PART shall contain only schedule of rates duly filled in. NO stipulation, deviation, terms & conditions, presumptions etc. is permissible in price part of the bid. Delhi University shall not take any cognizance of any such conditions and may at its discretion reject such price bid.


Director
Centre for Genetic Manipulation of
Crop Plants (CGMCP)
University of Delhi South Campus

TECHNICAL BID

1. Name of the Company:
2. Address (with Tele No. fax No. & e-mail):
3. Contact person Name and mobile number :
- 4 a. Certify availability of Illumina sequencing equipment in firm which will be used for the project (no subletting is allowed)
 - b. The number of years of experience in illumina based sequencing and analysis _____
 - c. Total value per year of Business during the last three years _____ (Attested certificate from Chartered Accountant should be attached.)
5. Registration Number _____
VAT number _____
PAN Number _____
Service Tax Number _____
6. Technical details as per details given under the "specifications" below.

Specifications:

Genome sequencing:

- QC of DNA samples should be carried out prior to library preparation.
- Sequencing library should be developed.
- Sequencing of the libraries should be carried out on an Illumina machine in 2x100bp format.
- At least 40X data coverage should be generated for three species of 1100MB and two species of ~500MB size.
- Generated sequences should be filtered for reads with more than 80% bases having Q>30. Data should strictly be delivered as paired end filtered sequences with more than 40X coverage.
- Summary of complete sequencing runs, raw and quality filtered data for each of the sample should be provided separately in fastq format.

Bioinformatic analysis:

- 1) Read quality check and data filtering
- 2) Raw data QC and filtering of the illumina following standard parameters.


Director
Centre for Genetic Manipulation of
Crop Plants (CGMCP)
University of Delhi South Campus


7. Confirm the Attachment:

S.No.	Document	Whether attached
1.	Whether the firm is in existence for three years or more in the trade in Central/State Govt/Autonomous bodies. If yes necessary documents should be attached.	
2.	Have you attached a copy of sequencing machine installation certificate	
3.	Have you attached a copy of Service Tax Registration Certificate, VAT, Registration Certificate and PAN Certificate	
4.	Have you attached the completion certificate attested by the concerned authority for Whole Genome Sequencing projects of clients from Central Govt. / State Govt./ PSUs/ CPSEs/ Govt. Educational Institutions with their contact details?	
5.	Have you attached a copy of the tender acceptance letter	

Declaration

I hereby certify that the information furnished above are full and correct to the best of our knowledge. We understand that in case any deviation is found in the above statement at any stage, the company will be black-listed and will not have any deal with the Organizations in future.

Authorized Signature
with Seal of Company


Director
Centre for Genetic Manipulation of
Crop Plants (CGMCP)
University of Delhi South Campus

Annexure III

FINANCIAL BID

S.No.	Description of service	Cost
1	Illumina based paired end library preparation- 5nos	
2	At least 40X filtered paired end (2x100bp) sequence generation for 3 genomes of size 1100Mb and 2 genomes of size ~500Mb.	
	GST/Service Tax as applicable	

Authorized Signatory
With seal of company


Director
Centre for Genetic Manipulation of
Crop Plants (CGMCP)
University of Delhi South Campus

TENDER ACCEPTANCE LETTER

(To be given on Company Letter Head)

To,

Sub: Acceptance of Terms & Condition of Tender.

Tender Reference No: _____

Name of Tender / Work:- _____

Dear Sir,

1. I/We have downloaded/obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely: _____ As per your advertisement, given in the above mentioned website(s).

2. I/We hereby certify that I/we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc.), which form part of the contract agreement and I/we shall abide hereby by the terms / conditions/ clauses contained therein.

3. The corrigendum(s) issued from time to time by your department / organization too have also been taken into consideration, while submitting this acceptance letter.

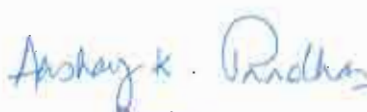
4. I/we hereby unconditionally accept the tender conditions (Annexure V) of above mentioned tender document(s)/corrigendum(s) in its totality/entirely.

5. I/we do hereby declare that our firm has not been blacklisted/debarred by any Govt. Department/Public Sector undertaking.

6. I/we certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,

(Signature of the Bidder, with Official Seal)


Director
Centre for Genetic Manipulation of
Crop Plants (CGMCP)
University of Delhi South Campus

Annexure V

Terms and Conditions:

Data delivery:

- 1) Sample DNA QC report should be submitted within 7 days after receiving the sample.
- 2) Sequencing library QC and description of each of the library should be provided within 20 days after receiving the sample.
- 3) Raw FastQ files should be submitted as soon as the sequencing is carried out and before the data clean up and downstream analysis is undertaken. Raw files should be delivered within 35 days after sample QC completed.
- 4) Complete report of the data filtering and other analysis should be delivered within 40 days after sample QC check is completed. Analysis should be satisfactory in all respect to the undersigned/principal investigator.
- 5) Data generated should be kept confidential and avoid sharing/deposition.

Other conditions:

- 6) Firm/Institute should submit evidence of prior experience for WGS pipelines.
- 7) List of public sector clients/institutes where firm successfully completed WGS projects should be submitted.
- 8) Firm should have an in-house Illumina sequencing facility and experienced personnel for data analysis, for which adequate proof (e.g. Installation certificate in the name of the company) should be provided.
- 9) Samples should be sequenced in the respective facilities in India and samples or data should not be outsourced to firms outside India at any stage.

Payment:

- 10) Payment will be made only after the receipt of the complete data (with above criteria) in accordance with above mentioned requirements/criteria.
- 11) If data does not fulfill the above detailed criteria, the data will not be accepted and payment will not be made.
- 12) If firm/institute does not follow the above mentioned detailed criteria the University/Lab has the full right to cancel the agreement with the firm/institute at any time. In that case no payment would be made.


Director
Centre for Genetic Manipulation of
Crop Plants (CGMCP)
University of Delhi South Campus