

NOTICE INVITING QUOTATION
DEPARTMENT OF BOTANY
UNIVERSITY OF DELHI NORTH CAMPUS

Open Tender Notice No: DU/BOTANY/MA/NASF/GBS

September 8th, 2020

Department of Botany, University of Delhi North Campus is in the process of tendering for availing the services as per details given below:

Details of the services	Genotype by sequencing of rice germplasm collection and data analysis as per the technical specifications
Number of samples	96
Earnest money to be deposited	Nil
Performance Security (To be taken from the Vendor Winning the Bid)	10% of the invoice value

Tender Documents may be downloaded from Central Public Procurement Portal <http://eprocure.gov.in>. Aspiring Bidders who have not enrolled/registered in e-procurement should enroll/register before participating through the website <http://eprocure.gov.in>. The portal enrollment is free of cost. Bidders are advised to go through instructions provided at “Instructions for online Bid Submission”

Tenderers can access tender documents on the website (For searching in the NIC site, kindly go to Tender Search option and type either the “tender notice no.” or “Department of Plant Molecular Biology”). Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website <http://eprocure.gov.in> as per the schedule given in the next page.

No manual bids will be accepted. All quotations (both Technical and Financial should be submitted in the E-procurement portal).

SCHEDULE

Name of Organization	Department of Botany, University of Delhi North Campus
Tender Type (Open/Limited/EOI/Auction/Single)	Limited
Tender Category (Services/Goods/works)	Services
Type/Form of Contract (Work/Supply/Auction /Service/Buy/Empanelment/ Sell)	Sequencing and Data Analysis
Product Category (Civil Works/Electrical/Works/ Fleet Management/ Computer Systems)	N.A.
Source of Fund (Institute/Project)	ICAR-NASF Project
Is Multi Currency Allowed	No
Date of Issue/Publishing	September 8, 2020
Document Download Start Date	September 8, 2020
Document Download End Date	September 29, 2020
Date for Pre-Bid Conference	N.A.
Venue of Pre-Bid Conference	N.A.
Last Date and Time for Uploading of Bids	11 a.m. on September 29, 2020
Date and Time of Opening of Technical Bids	September 30, 2020
Tender Fee	N.A.
EMD	N.A.
No. of Covers (1/2/3/4)	2
Bid Validity days (180/120/90/60/30)	180 days from date of opening
Address for Communication	Prof. Manu Agarwal, Department of Botany,, University of Delhi North Campus, New Delhi-110007
Contact No	+91-9971963911
Email Address	agarwalm71@gmail.com

Chairman Purchase Committee

Instructions for Online Bid Submission

As per the directives of the Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL:<http://eprocure.gov.in/eprocure/app>). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at:

<http://eprocure.gov.in/eprocure/app>

REGISTRATION

1. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL:<http://eprocure.gov.in/eprocure/app>) by clicking on the link "Click here to Enroll". Enrolment on the CPP Portal is free of charge.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their userID / password and the password of the DSC / eToken.

SEARCHING FOR TENDER DOCUMENTS

1. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Port.
2. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

3. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

1. Bidders should take into account any corrigendum published on the tender document before submitting their bids.
2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the documents that need to be submitted. Any deviations from these may lead to rejection of the bid.
3. Bidders, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black and white option.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders.
5. Bidders can use the "My Space" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for the bid submission process.

SUBMISSION OF BIDS

1. Bidders should log into the site well in advance for bid submission so that he/she uploads the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. A standard format has been provided with the tender document (Annexure-V) to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable.
4. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
5. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done.

6. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
7. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
8. Kindly add a scanned PDF of all relevant documents in a single PDF file of compliance sheet.

ASSISTANCE TO BIDDERS

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 233 7315.

General Instructions to the Bidders

1. The tenders will be received online through the portal <http://eprocure.gov.in/eprocure/app> . In the Technical Bids, the bidders are required to upload all the documents in .pdf format.
2. Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through <https://eprocure.gov.in/eprocure/app>. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site <https://eprocure.gov.in/eprocure/app> under the link "Information about DSC".
3. Tenderer are advised to follow the instructions provided in the 'Instructions to the Tenderer for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>.

TECHNICAL SPECIFICATIONS FOR GENOTYPE BY SEQUENCING (GBS) OF RICE GERMPLASM

Department of Botany, University of Delhi North Campus invites e-bids for GBS of the rice germplasm. Tenders are invited from service providers for providing 2 x 150 bp sequencing on Illumina's NGS platform. The bidder should include the cost of bioinformatics analysis in the bid. Quotations should be submitted following the two-bid system with technical and financial bids to be submitted separately. Following are the technical specifications:

GBS OF RICE SAMPLES (96 SAMPLES)	
Digestion	Single enzyme digestion for library preparation
Genome Size	~430 Mb
Data Required	Average 800 Mb purity filtered data from each sample within the pooled library
Quality	Minimum 80-85% data should have at least Q30 Phred Score
Library Insert Size	250-300 bp
Sequencing Format	2 x 150 bp Paired End
Sample Pickup/DNA isolation and Bioinformatics Analysis	Should be included in the tender*

1. The vendor should pick up the harvested samples from PI's Lab and prepare high quality DNA at their facility.
2. The quantity and quality of isolated DNA should be measured using a Nanodrop ND-1000 spectrophotometer or any other similar system and agarose gel electrophoresis, respectively. Data for checking the quality of DNA should be shared with the PI, before proceeding for library preparation.
3. The vendor should prepare libraries for GBS using a single enzyme for digestion of genomic DNA.
4. Shotgun libraries with an approximate insert size of 250-300 bp should be made using the kits available from either Illumina/NEB/Thermofisher/Qiagen. Quality control of finally pooled library should be done using Agilent Bioanalyzer or any other similar system and the data should be shared with the undersigned before their processing for sequencing.
5. The libraries should be paired end sequenced for 2 x 150 bp with the help of Illumina based NGS sequencer to achieve minimum 2 Gb data per sample.
6. At least 80-85% of the sequences should have >Q30 Phred score. Detailed quality report before and after trimming the adapter sequences should be provided. It should include base quality and sequence quality score, distribution details, average base content and GC distribution in the reads, PCR amplification details, details of the overrepresented sequences, adaptor trimming

- details, read length details (percentage of read length distribution), parameters used for trimming and details of software used for trimming/removal of low quality sequences/reads etc.
7. Quality filtered reads should be mapped using BOWTIE on the latest high quality assembled rice genome followed by SNP validation with the sequenced 3K rice germplasm.
 8. Base Calling using GATK unified Genotyper (Broad Institute) and Multi-sample Variant calling (at default parameters) should be done to generate high quality variants in VCF format. This should include alignment and recalibration, variant calling and variant annotation using appropriate softwares. Details of read alignment statistics and quality metrics obtained for each sample, and list of software's and parameters should be provided.
 9. An optional imputation of the variants should be done to impute missing data using BEAGLE software v4/its latest version.
 10. Phasing and Haplotype analysis should be done using BEAGLE v4, followed by association analysis using PLINK software.
 11. Phenotype data will be provided by the PI's lab for GWAS analysis using both the General Linear Model (GLM), Mixed Linear Model (MLM) and cMLM models.
 12. Identity by descent (IBD) and Identity by Homozygosity (IBH) Analysis can be performed using BEALGE v4.
 13. Both the Population Structure analysis and LD analysis should be included in the work.
 14. Whole Genome phylogenetics analysis should be performed using Maximum likelihood/ Maximum parsimony methods (e.g. algorithms PhyML, RAxML, NJtree, MEGA etc).
 15. Detailed write-up of materials and methodology employed should be provided.
 16. The bidder should be able to support data analysis till publication. This might include re-analysis during manuscript compilation and to address reviewer's comments.

Special Terms and conditions

1. Quality reports of extracted DNA and generated libraries should be shared before proceeding to the next step. Raw reads, Statistics, Raw data QC, Statistics of clean filtered should be shared. Raw, filtered and analysed data should be provided in non-returnable hard disks.
2. No intellectual property/knowledge/insight /information/data generated during the course of rendering such services should be retained or shared with any third party by the service provider/vendor. Such IPR/knowledge remains the property of the Department of Botany, UDNC. Samples/data/reports shall remain the property of Department of Botany, UDNC and service providers shall have to furnish the non-disclosure agreement with Department of Botany, UDNC as regards to ensuring the secrecy of these samples/data/reports/information.
3. Methodology, Deliverables, Time frames, Milestones must be clearly indicated in the Bid. Service providers must have past experience of providing above-mentioned services. Proof of the same is required. The Technical Qualification will be based on service provider's experience and documentary proof as mentioned above to be submitted with technical bid.
4. The bidders should ensure strict confidentiality and provide non-disclosure certificates along with the bid.
5. *Data delivery deadline:* QC report for DNA isolation should be submitted within 7 working days after receiving the sample. Library QC should be submitted within 15 working days after the DNA isolation. Raw sequencing data reports should be submitted within 30 days after

successfully generating the libraries. In case timely delivery is not done, penalty may be applied, or order may be cancelled.

6. Service providers should submit evidence of prior experience with handling Illumina based GBS projects.
7. *Payment terms and conditions:* The payment shall be made only on the completion, delivery and analysis of sequencing data. The University reserves the right to amend any terms and conditions contained in the tender document or reject any or all applications/offers or not award the contract to the lowest bidder without giving any notice or assigning any reason thereof. The decision of the concerned will be final and binding.
8. As per the NBA guidelines and GOI's Make in India initiative, the entire project right from DNA extraction to bioinformatics analysis should be done in India. The vendors will be required to provide a declaration to this effect on a 100 Rs stamp paper.

Other Terms & Conditions

1. The vendor should fill the price bid only in the provided format. It is important that levied GST rate should be entered separately.
2. The vendor should also clearly mention the time that is needed for sequencing/analysis after the samples are made available to them.
3. The winning bidder will be required to furnish PBG amounting to 10% of the invoice value (inclusive of GST). The PBG will be released only after the successful completion of the project and after the satisfaction of the purchase committee. In case the winning bidder fails to comply with the terms and conditions of the work order, the PBG shall be forfeited.
4. No separate charges shall be paid for submission of reports/data.
5. Department of Botany, UDNC reserves the right to award the work and to increase or decrease the number of samples/items, whichever is applicable at its discretion.
6. Department of Botany, UDNC will have full authority to reject any/all offer(s) without assigning any reason thereof.
7. The rates quoted in the tender shall remain valid for a period of 180 days. No bidder can withdraw/or modify his tender or revoke the same within the said period. If a bidder on his own withdraws or revokes the tender or revises or alters or modifies the tender for any item or condition within the period mentioned in the tender notice, the Department reserves the right to take other actions as deemed appropriate.
8. Payment will be released after completion of work to the satisfaction of the undersigned and after deduction of tax at source as per rules.
9. Under extraordinary circumstances, validity of the contract can be extended further subject to performance of the company and upon mutual consent from both sides.

OTHER INSTRUCTIONS FOR THE BIDDERS

1.	Due date: The tender has to be submitted online before the due date. The offers received after the due date and time will not be considered. <u>No manual bids will be considered.</u>
2.	Preparation of Bids: The offer/bid should be submitted in two bid systems (i.e.) Technical bid and Financial bid. The technical bid should consist of all technical details along with commercial terms and conditions. Financial bid should indicate item wise price for the items mentioned in the technical bid in the given format. The technical bid and the financial bid should be submitted online. <u>The financial bids should be filled in the excel file provided in the Tender. Bidders should quote the bids only in INR.</u>
3.	Opening of the tender: The online bids (complete in all respect) will be opened by a committee duly constituted for this purpose. The technical bid will be opened first and it will be examined by a technical committee (as per specification and requirement). Only the financial offer/bid of the bidders who meet the technical parameters will be opened.
4.	Acceptance/ Rejection of bids: The committee reserves the right to reject any or all offers without assigning any reason.
5.	Pre-qualification criteria: <ol style="list-style-type: none">1. Service providers should provide work orders from at least five similar works.2. Service providers should provide a list of users (5 minimum) and provide performance certificates from at least 2 different users from government institutes or the work done by them should be visible in the form of publications (at least 5).3. Non-compliance of tender terms, non-submission of required documents, lack of clarity of the specifications, contradiction between bidder specification and supporting documents etc. may lead to rejection of the bid.4. In the tender, either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.5. If an agent submits a bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.

6.	<p>Force Majeure: The Supplier shall not be liable for liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.</p> <ol style="list-style-type: none"> 1. For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes. 2. If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
7.	<p>Risk Purchase Clause: In event of failure of completing the project within the stipulated schedule by the L1 bidder, the purchaser has all the right to award the project to L2 bidder, at the total risk of the L1 bidder, under the risk purchase clause.</p>
8.	<p>Delayed delivery: If the project delivery timelines are not met for any reason other than Force Majeure, the committee will have the right to impose penalty 1% per week and the maximum deduction is 10% of the contract value/price.</p>
9.	<p>Prices:</p> <ol style="list-style-type: none"> 1. The price should be quoted in INR and should only be filled in the excel file provided in the tender. 2. The bidders should quote the prices only in INR.
10.	<p>Resolution of Disputes: The dispute resolution mechanism to be applied pursuant shall be as follows:</p> <ol style="list-style-type: none"> 1. In case of dispute or difference arising between the purchaser and a domestic supplier relating to any matter arising out of or connected with this agreement, such disputes or differences shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the Vice Chancellor, University of Delhi and if he is unable or unwilling to act, to the sole arbitration of some other person appointed by him willing to act as such Arbitrator. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order. 2. In the case of a dispute between the purchaser and a foreign supplier, the dispute shall be settled by arbitration in accordance with provision of sub-clause (a) above. But if this is not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules.

	3. The venue of the arbitration shall be the place from where the order is issued.
11.	Applicable Law: The place of jurisdiction would be New Delhi (Delhi) INDIA.
12.	Supplier Integrity The supplier is responsible for and obliged to conduct all contracted activities in accordance with the contract using state of the art methods and economic principles and exercising all means available to achieve the performance specified in the contract.
13.	Applicable Law The contract shall be interpreted in accordance with the laws of the Union of India and all disputes shall be subject to place of jurisdiction.
14.	Notices Any notice given by one party to the other pursuant to this contract/order shall be sent to the other party in writing or by cable, telex, FAX or E-mail and confirmed in writing to the other party's address. A notice shall be effective when delivered or on the notice's effective date, whichever is later.
15.	Bioinformatics Support: The tenderer should mention in the technical bid the availability and names of the personnel who will provide Bioinformatics Support in the nearest regional office.
16.	<p>Termination for Default</p> <ol style="list-style-type: none"> 1. The purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, terminate the contract in whole or part: 2. If the supplier fails to deliver any or all of the goods within the period(s) specified in the order, or within any extension thereof granted by the purchaser; or 3. If the supplier fails to perform any other obligation(s) under the contract. 4. If the supplier, in the judgment of the purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the contract. <p>For the purpose of this clause:</p> <ol style="list-style-type: none"> 1. "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution. 2. "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the borrower, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the borrower of the benefits of free and open competition;

	<p>3. In the event the purchaser terminates the contract in whole or in part, the purchaser may procure, upon such terms and in such manner, as it deems appropriate, goods or services similar to those undelivered, and the supplier shall be liable to the purchaser for any excess costs for such similar goods or services. However, the supplier shall continue the performance of the contract to the extent not terminated.</p>
17.	<p>Disputes and Jurisdiction: Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within New Delhi.</p>
18.	<p>List of Annexures to be submitted by the bidder: Annexure I: Compliance Sheet Annexure II: Organization Declaration Sheet Annexure III: List of organizations/clients where the same products have been supplied Annexure IV: Technical documents in support of the technical specifications Annexure V: Excel File for submission of price bid</p>

CHECKLIST OF THE DOCUMENTS REQUIRED FOR ONLINE SUBMISSION

The online bids (complete in all respects) should be submitted in two covers as explained below:

DOCUMENTS IN COVER –I (FOLLOWING DOCUMENTS TO BE LOADED AS A SINGLE PDF FILE)				
S. No.	DOCUMENTS	CONTENTS	FILE TYPE	CHECKLIST (Y/N)
1.	TECHNICAL BID	Compliance Sheet as per Annexure I	A single PDF file for all the documents	
2.		Organization Declaration Sheet as per Annexure II		
3.		List of organizations/clients where the same/similar services have been provided (in the last two years) along with their contact number(s). (Annexure-III)		
4.		Technical supporting documents in support of all claims made at Annexure-I (Annexure-IV)		
DOCUMENTS IN COVER –II (FINANCIAL BID TO BE SUBMITTED IN THE FORMAT OF ANNEXURE-V)				
1.	FINANCIAL BID	The Financial Bid should be submitted in the format described in Annexure-V	XLS	

COMPLIANCE SHEET

Indicate the compliance as per the technical specifications mentioned in the tender

S. No.	Description of the Services	Compliance (Y/N)
1.	Picking up the tissue from PI's lab and extracting high quality DNA. Checking the quality of extracted DNA and sharing data with PI.	
2.	Generating libraries with 250-300 bp insert for sequencing on Illumina's NGS platform. Checking the quality of extracted DNA and sharing data with PI.	
3.	PE sequencing of each sample for 2 x 150 bp and providing 2 Gb data/sample in rice. Quality filtering of data and bioinformatics training and support.	
4.	Providing user certificates and work orders as per the technical specifications.	
5.	Declaration that the entire work right from DNA extraction to bioinformatics analysis will be done in India.	
6.	Absolute compliance with the terms and conditions of the tender document	

I have also enclosed all relevant documents in support of my claims (as above) in the following pages

Signature and Stamp of the Bidder

Contact No.:

ORGANIZATION LETTERHEAD

DECLARATION

We, _____ hereby certify that all the information and data furnished by our organization with regard to this tender specification are true and complete to the best of our knowledge. I have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

This is certified that our organization has been authorized (Copy attached) by the original service provider (OSP) to participate in the tender. We further certified that our organization meets all the conditions of eligibility criteria laid down in this tender document. Moreover, OSP has agreed to support on a regular basis and answer PI's queries as and when required.

The prices quoted in the financial bids are subsidized due to the academic discount given to University of Delhi.

We further specifically certify that our organization has not been Black Listed/Delisted or put to any Holiday by any Institutional Agency/ Govt. Department/ Public Sector Undertaking in the last three years.	Name and address of the Vendor/Manufacturer/Agent:
Phone	
Fax	
E-mail	
Contact Person	
Mobile Number	
TIN Number	
PAN Number	

Signature and Stamp of the Bidder

Name of the Bioinformatics Specialist who have the technical competency to handle and support the project objectives.

Nature of the Job (Bioinformatics Specialist/Scientist)	Name of the Person	Contact Number

Signature and Stamp of the Bidder

PRICE BID TO BE FILLED BY BIDDER

Tender Inviting Authority:		Prof. Manu Agarwal, Department of Botany, University of Delhi North Campus			
Name of the work:		GBS and bioinformatic analysis of the Rice Germplasm			
Contact Information		Ph: +91-9971963911; Email: agarwalm71@gmail.com			
Name of the Bidder/ Bidding Firm/ Company (in Capital and Bold)					
S. No.	Description of the Item	Offered Price/Sample	GST	Total Price/Sample (Inclusive of GST)	Total Price (96 Samples)
1	Collection of Leaf samples, DNA isolation, Construction of Libraries followed by their sequencing and data analysis as per the technical specifications	0	0	0	0