



भाकृअनुप - राष्ट्रीय पादप जैवप्रोद्योगिकी संस्थान
ICAR – National Institute for Plant Biotechnology
लाल बहादुर शास्त्री भवन, पूसा परिसर, नई दिल्ली - 110012
Lal Bahadur Shastri Building, Pusa Campus, New Delhi – 110012
(ISO 9001:2008 Certified Institute)



BID DOCUMENT

NAME OF WORK: Annual Rate Contract for the DNA/RNA/Protein/Metabolite Sequencing and related Bioinformatics services (Frame Work Agreement)

Tender Inquiry No:6-48/21-NIPB

Tender published at
Website <https://eprocure.gov.in>
<https://nipb.icar.gov.in>

Email: aaopurchasenipb@icar.gov.in,

Website: <https://nipb.icar.gov.in>

Tel. No: 011 – 25841787 Ext.: 324

Telefax : 011-2584 3984

CPPP Helpline No: 1800-3070-2232, 0120-4200462
0120- 4001002

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भा०कृ०अनु०प० - राष्ट्रीय पादप जैवप्रोद्योगिकी संस्थान
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Notice Inviting E-Tender

Tender No:6-48/21

Date: 07/05/2022

Electronic bids are invited through website <https://eprocure.gov.in> under two bid systems from eligible domestic bidders registered in India i.e. Principals/Authorized Distributors for **Annual Rate Contract for the DNA/RNA/Protein/Metabolite Sequencing and related Bioinformatics services** at ICAR-NIPB, LBS Building, Pusa Campus, New Delhi-110012.

Tender Inquiry

Critical Dates

S. No.	Particulars	Date	Time
01	Date of Publishing	07/05/2022	
02	Bid Document Download Start Date (Online)	07/05/2022	
03	Pre Bid Meeting (If any)- LBS Building, Committee Room No: 127, Ist Floor, Pusa, New Delhi.	19/05/2022	
04	Bid Submission Start Date (Online)	07/05/2022	
05	Bid Submission End Date (Online)	06/06/2022	
06	Receipt of EMD at NIPB, New Delhi	06/06/2022	
07	Date of Technical Bid Opening (Online)	07/06/2022	
08	Date of Opening of financial bid	to be notified separately	
Address for Communication- Assistant Administrative Officer LBS Building, Room No. 232, Pusa Campus, New Delhi. Phone No. 011 – 25841787 Ext. 324			

Tender Fees – Exempted, Earnest Money Deposit – Rs. 1,00,000/-

Performance Security-

Minimum performance security to be deposited: - Rs. 3 lakh per service

Maximum cap of performance security to be deposited (for any or all of the services combined)- Rs. 10 lakhs overall

The performance security shall not exceed an amount of Rs. 10 lakhs.

EMD should reach this office in the form of Demand Draft drawn/NEFT (details available at Annexure-XI) in favour of Director, ICAR Unit-NIPB, New Delhi on or before _____ – 11:00 A.M.

Important Notes:

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

- Only bids received on e-tendering portal will be considered for opening. Bids in any physical form sent through fax/email/courier/post/delivered personally will not be considered.
- ICAR-NIPB, New Delhi reserves the right to accept / reject any/all tenders in part/full without assigning any reason thereof.
- ICAR-NIPB, New Delhi will not be responsible for any delay in enrolment or submission of the offer/up-loading the offer on e-tender portal for any reason whatsoever. Hence vendors are advised to register in e-tendering website <https://eprocure.gov.in> & enroll their Digital Signature Certificate (Class – II or above) and upload their quotations well in advance to avoid last minute problems.
- Any Addendum/Corrigendum date extension in respect of above tender shall be issued on our website <https://nipb.icar.gov.in> and website <https://eprocure.gov.in> only and no separate notification shall be issued in the press. Bidders are therefore requested to regularly visit our website to keep themselves updated.

Place: New Delhi	Digitally signed by:		
Date:	Date	:	
	Location	:	New Delhi



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GENERAL INSTRUCTIONS TO THE TENDERERS (GIT)

The Tender shall be submitted in accordance with these instructions and any tender not confirming the instructions as under is liable to be rejected. These instructions shall form the part of the tender and contract.

Definitions and Abbreviations:

1.1. The following definitions and abbreviations, which have been used in these documents shall have the meanings as indicated below:

1.2. Definitions:

- a. “Purchaser” means the organization National Institute for Plant Biotechnology an Institute under Indian Council of Agricultural Research, Krishi Bhawan, New Delhi with its office located in LBS building, IARI Campus, New Delhi-110 012 Outsourcing services as incorporated in the Tender document.
- b. “Tender” means Bids / Quotation / Tender received from a Firm / Bidder / Manufacturer.
- c. “Bidder” means Bidder / the Individual or Firm submitting Bids / Quotation / Tender.
- d. “Supplier” means the individual or the firm supplying the Services and services as incorporated in the contract.
- e. “Goods” means the articles, material, commodities, livestock, furniture, fixtures, raw material, spares, instruments, machinery, equipment, medical equipment, industrial plant etc. which the supplier is required to supply to the purchaser under the contract but excludes books, publications, periodicals etc. as per GFR-143.
- f. “Services” means services allied and incidental to the supply of Services, such as transportation, installation, commissioning, provision of technical assistance, training after sales service, maintenance service and other such obligations of the supplier covered under the contract.
- g. “Earnest Money Deposit” (EMD) means Bid Security / Monetary or Financial guarantee to be furnished by a bidder along with its tender.
- h. “Contract” means the written agreement entered into between the purchaser and/or consignee and the supplier, together with all the documents mentioned therein and including all attachments, annexure etc. therein.
- i. “Performance Security” means monetary or financial guarantee to be furnished by the successful bidder for due performance of the contract placed on it.
- j. “Consignee” means the user department of Institute to whom the Services are required to be delivered as specified in the contract. If the Services are required to

be delivered to a person as an interim consignee for the purpose of dispatch to another person as provided in the Contract then that “another” person is the consignee, also known as Ultimate Consignee.

k. “Specification” means the document/standard that prescribes the requirement with which Services or service has to conform.

l. “Inspection” means activities such as measuring examining, testing, gauging one or more characteristics of the product or service and comparing the same with the specified requirement to determine conformity.

m. “Day” means calendar day

1.3. **Abbreviations:**

- “TE Document” means Tender Enquiry Document
 - “NIT” means Notice Inviting Tenders
 - “GIT” means General Instructions for Tenderer
 - “SIT” means Special Instructions for Tenderer
 - “GCC” means General Conditions of Contract
 - “FOB” means Free on Board
 - “F.O.R” means Free on Rail
 - “LC” means Letter of Credit
 - “AMC” means Annual Maintenance Contract
 - “PSU” means Public Sector Unit
 - “BG” means Bank Guarantee
 - “CIF” means Cost, Insurance and Freight
 - “CIP” means Carriage and Insurance
 - “NIPB” means National Institute for Plant Biotechnology, New Delhi - 110012
 - “CMC” means Comprehensive Maintenance Contract (Including all spares, labour and preventive maintenance)
 - “RT” means Re-Tender
 - “CA” means Chartered Accountant
 - “JV” means Joint Ventures
 - “MOU” means Memorandum of Understanding
 - “CPP” means Central Procurement Portal
- u. “GFR” means General Financial Rules
- v. “CBI” means Central Bureau of Investigation

2. **Introduction:**

2.1. The Purchaser has issued these tender enquiry documents for purchase of Goods and Services and related services which also indicates, interalia, the required delivery schedule, terms and place of delivery.

2.2. The Bidder should carefully read Requirements & Scope of work, General & Special conditions of contract and all other documents in connection with the Bid. The Bidder shall quote his rates, keeping all above points in mind.

2.3. Those Bidders whose near relatives are posted as official/ officer(s) in any capacity at NIPB are not be permitted to Bid. The prospective bidder shall also intimate the names of persons who are working with him in any capacity or subsequently employed by him, who are near relative to any officer/ official (s) in the NIPB. Any breach of this condition by the bidder shall render him ineligible. By the term ‘near relative’, is meant wife, husband, parents & grand parents, children & grandchildren, brothers & sisters, uncles, aunts & corresponding in laws.

2.4. The bidder shall disclose any payment made or proposed to be made to any intermediaries (agents etc.) in connection with the bid.

2.5. Failure to provide and/or comply with the required information, instructions etc. incorporated in these TE documents may result in rejection of its tender.

3. **Eligibility Criteria:**

<ul style="list-style-type: none">• Self-attested copy of valid Firm Registration certificate with the appropriate authority.
<ul style="list-style-type: none">• Scanned Copy of EMD of requisite amount.
<ul style="list-style-type: none">• Copy of GST Number Registration.
<ul style="list-style-type: none">• Copy of PAN No.
<ul style="list-style-type: none">• Should have a fully functional NGS/Proteomics/Bioinformatics laboratory. The vendor lab should be in the name of firm and must attach proof of owing/leasing such laboratory for undertaking those services which he/she wishes to apply for. Vendor should submit a DSIR certificate/ISO Certificate/ Self Affidavit in respect of his laboratory as a proof.
<ul style="list-style-type: none">• Minimum AVERAGE ANNUAL TURNOVER of Rs. 50 lakhs in the last 3 financial years i.e., 2018-19, 2019-20 & 2020-21. CA certificate, income tax return receipt to be enclosed and no need to submit balance sheet for the same.
<ul style="list-style-type: none">• Bidder/Tenderer must provide the information on the similar works completed successfully & satisfactory in last 3 years. Bidder/Tenderer must submit satisfactory documentary proof from end-users list like order copies, award of tender, agreement document. The Vendor will have to submit a six-monthly satisfactory report from at least 5 users who have used the services during that period for keeping checks on the quality of the services. *Goods & services source should be from within India Alternatively, the startup should include documents of reliability from authentic source which will be verified by committee and committee decision will be undisputed and final.
<ul style="list-style-type: none">• List of Organizations/Customers dealt by them with copy of satisfactory document along with, name of user, address, phone number & e-mail etc.

<ul style="list-style-type: none"> • Should provide Manufacturer's/Principal's authorization, only one vendor is eligible to participate. In case, more than one vendor provide authorization from one principal, both will stand disqualified. • The contractor must have a solvency of Rs. 10 Lakh duly certified by the Banker and solvency certificate should not be more than 06 months old prior to the date of submission of tender or should have validity as on last date of submission of tender.
<ul style="list-style-type: none"> • Non-Blacklisting certificate on non-judicial stamp paper of Rs. 10/- that the firm has not been black listed in the past by any organization. • NO CRIMINAL LIABILITY UNDERTAKING AFFIDAVIT (To be executed on Rs. 10/- Non-Judicial Stamp Paper). (As per Annexure – X) • Should provide duly signed Integrity Pact (As per Annexure-XII)
<ul style="list-style-type: none"> • Should provide an undertaking in an affidavit on letter head that the firm is not supplying the same item at rates lower than the quoted in the tender to any Govt. Organization or any other Institute (Fall Clause Certificate).
<ul style="list-style-type: none"> • Should provide a proper catalogue in pdf format, a hard copy of the same catalogue has also to be deposited at a later stage, any mismatch or change with uploaded catalogue will lead to disqualification. • Tender Document duly signed by authorized representative of the bidder shall be submitted and uploaded with the bid on CPP portal.

NOTE:

- The work executed in the own name of the bidder only will be considered for similar works, to meet the eligibility criteria. JVs / Consortiums / MOUs shall not be considered.
- Tenderer should submit documents in support of minimum eligibility criteria along with the tender/bid. NO document in support of minimum eligibility criteria will be accepted / entertained after opening of tender.
- Tenders/bids not meeting any of the above “Eligibility Criteria” shall be rejected.
- The bidder should fulfill Eligibility criteria as per Annexure –IX for opening of financial Bid.
- For Online Bid Submission, as per the directives of 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.

More information useful for submitting online bids on the CPP Portal may be obtained at <http://eprocure.gov.in/eprocure/app> For **Registration:**

Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal ([URL:http://eprocure.gov.in/eprocure/app](http://eprocure.gov.in/eprocure/app)) by clicking on the link “Click here to Enroll”. Enrolment on the CPP Portal is free of charge.

- The intending Tenderer, in case of Authorized Distributor/ Authorized Dealer shall possess valid authorized Distributorship /Dealership license from Principal Manufacturers. The tenderer shall enclose the copy of the same in the bid while submitting the tender.
- The items shall be in compliance to the specifications mentioned in Annexure – I of the tender and shall be of the latest technology, best quality and high standards.
- Any optional Accessories/ Tooling, besides the standard items recommended for the better performance of the requested Services, if offered, must be provided with their full technical details including their use and advantage in a separate sheet with the tender documents. Warranty period should be specified for these.
- No extra payment shall be paid on account of any discrepancy in nomenclature of items.
- While submitting the tender, if any of the prescribed conditions are not fulfilled or are incomplete in any form, the tender is liable to be rejected. If any Tenderer stipulates any condition of his own, such conditional tender is liable to be rejected.
- Director, NIPB, reserves the right to reject any tender/bid wholly or partly without assigning any reason thereof.
- The Technical Evaluation Committee constituted by the Director, NIPB shall have the right to verify the particulars furnished by the bidder independently.
- Tenderer shall take into account of all costs including delivery of services at site i.e. ICAR-NIPB, LBS Building, Pusa Campus, New Delhi-110012 before quoting the rates.
- No claim for any extra payment for any reason shall be entertained.
- The supply should be delivered at ICAR-NIPB, LBS Building, Pusa Campus, New Delhi-12 or as per work order free of transport charges and the supplier shall be responsible for loss or damage during the transit of Services.
- The material shall be inspected by Stores, on receipt at site, ICAR-NIPB, LBS Building, Pusa Campus, New Delhi-110012 before delivery to concerned official and supplier shall be responsible for any damage during the transit of Services.
- All the communication with respect to the tender shall be addressed to:

ASSISTANT ADMINISTRATIVE OFFICER,

**National Institute for Plant Biotechnology
R. No. -232, LBS Building, Pusa Campus,
New Delhi – 110012**

19. All efforts may be taken by both parties to resolve any differences amicably. In case differences still persist, matter will be referred to arbitration as per Arbitration and Reconciliation Act, 1996 or amendments further. The sole arbitrator will be appointed by Secretary, ICAR whose decision will be full and binding in all respects.
20. At any time prior to the deadline for submission of Bids, NIPB may for any reason, whether at his own initiative or in response to a clarification requested by a prospective Bidder, modify t

the bid documents by amendment.

21. The bid shall remain valid in all the respect up to 180 days from the date of opening of the Technical Bid.

The bid shall be rejected if the documents are found false or fake. If at a later stage, the documents submitted are found false or fake, the Contract shall be terminated and performance guarantee will be forfeited. Also, the Contractor shall be fined as deemed inappropriate by the employer for breach of trust.

22. Availability of Funds:

Expenditure to be incurred for the proposed purchase will be met from the funds available with the purchaser/consignee organization.

- **Amendments to TE documents:**

At any time prior to the deadline for submission of tenders, the purchaser may, for any reason deemed fit by him, modify the TE documents by issuing suitable amendment(s) to TE documents. The amendments will be published on website <https://eprocure.gov.in>

- **Language of the Bid:**

All documents related to bid should preferably be in English language. The language for communications shall be English. Any printed literature furnished by the bidder may be written in another language provided that this literature is accompanied by an English Translation. In such case, for purpose of interpretation of the Bid, the English translation shall prevail.

- **Filling of Bid:**

- All the rates and amount shall be quoted in whole denomination of the Indian Rupee.
- No amount shall be paid to the Contractor for the item for which no rate or amount is quoted by the Bidder, but the contractor shall be bound to do that job/work free of cost (on zero amount).
- The bidder shall be deemed to have satisfied himself before Bidding as to the correctness and sufficiency of his bid for the works and of the rates & amount quoted in the schedules of works, which rates & amounts, shall, except as otherwise provided, cover all his obligations under the contract and all matters and thing necessary for the proper completion of the work as aforesaid in accordance with good practices and recognized principles.
- In case of any bid where unit rate of any item appears unrealistic, such bid shall be considered unbalanced and non-responsive. The Institute may ask for providing satisfactory explanation for such unrealistic quoted rate. If the bidder's reply (with supporting analysis of rates) is considered unsatisfactory by Competent Authority, the bid shall be rejected.
- Each bidder shall submit only one bid for this work. A bidder who submits more than one bid for this work will attract disqualification and rejection of all of his bids.
- The bidder shall not be under a declaration of in-eligibility for corrupt & fraudulent practices in any Government Department or organization in India or abroad.
- The bid shall contain no interlineations, erasures or overwriting except corrections as necessary to correct the errors made by the Bidder, in which case such correction shall be initiated by the

person/persons signing the offer. The bid shall be typewritten or handwritten in indelible ink and shall be signed by the bidder or authorized signatory. The bid shall contain no additions or alterations except those to comply with instructions specified by the employer.

- Bidders shall ensure the participation in Pre-bid meeting on the stipulated date, time & venue for resolving any query/concern related to the tender.

26. Price:

26.1. The price quoted by the bidder shall remain firm and fixed during the currency of the contract and not subject to variation on any account.

26.2. The bidder shall complete the schedule of works as in BOQ.

27. Documents establishing good's Conformity to TE document:

27.1 The bidder shall provide in its tender the required as well as the relevant documents like technical data, literature, drawings etc. to establish that the services offered in the tender fully confirm to the Services specified by the purchaser in the TE documents. For this purpose, the bidder shall also provide a clause-by-clause commentary on the technical specifications and other technical details incorporated by the purchaser in the TE documents to establish technical responsiveness of the Services offered in its tender duly indicating relevant page numbers in the product literature. Failure to enclose the relevant documents as mentioned above will be summarily rejected.

28. Tender Validity:

28.1 If not mentioned otherwise in the SIT, the tenders shall remain valid for acceptance for a period of 180 days from the date of tender opening as prescribed in the TE document. Any tender valid for a shorter period shall be treated as unresponsive and rejected.

29. Evaluation of Tender:

29.1 Any items left blank, will be treated as incomplete bid and liable to be rejected.

29.2 Director will determine whether each bid is of acceptable quality, is generally complete and is substantially responsive to the tender document. For the purpose of this determination, a substantially responsive bid is one that conforms to all the terms, conditions & specifications of the tender document without any deviations, objections, conditionally or reservations.

29.3 Price Bid/Schedule of Rates shall be evaluated item wise and based on the lowest justifiable & acceptable cost.

29.4. If a bid is not substantially responsive, it will be rejected and may not subsequently be made responsive by the bidder by correction of the non-conformity.

29.5. The bid that does not meet minimum acceptable standards of completeness, consistency and details will be rejected for non-responsive.

29.6. If the present performance of the bidder in a current contract for any major work is unsatisfactory as certified by any authority of the relevant work, the offer of the bidder will be summarily rejected without assigning any reasons thereof.

29.7. The bidders shall quote the rates only for the items mentioned in the schedule of rates in excel format provided along with this tender.

29.8. Conditional offers are liable for rejection.

29.9. Any effort by bidder to influence the NIPB, New Delhi in the process of examination, clarification, evaluation and comparison of tenders, and in decisions concerning award of contract, may result in rejection of the bidder's tender.

29.10. All responses to such requests for clarification shall be in writing. No change in the prices or substance of the bid shall be sought, offered or permitted after due date of submission of bids during entire currency of contract.

29.11. Evaluation of bids shall be carried out by a committee as per evaluation criteria. The decision of the Employer in deciding successful bidder shall be final and binding on the bidder.

29.12. The Institute will select the L-1 bidder for each service & will provide opportunity to further next lowest 2 bidders if they are ready to provide the desired service at the rates of L-1. Hence, a total of 03 firms will be empanelled by the Institute for providing each service. If L-2/ L-3 deny for providing service at L-1 rate, further next lowest bidders may be asked to provide requisite service at L-1 rates. However, this shall be considered upto L-5 only.

29.13. The vendor who are willing to match the L-1 price should be empanelled in Rate Contract without any commitment of apportion of order value or order will be given as per example below L1:L2:L3::50:30:20.

30.Award of Contract:

30.1. The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated acceptable quotation price for a particular service required. **In case of tie while evaluating L-1, tenderer with Higher average annual turnover in last three financial years 2018-19, 2019-20 & 2020-21 i.e., will be given more weightage which in turn will be the deciding factor for award of tender.**

30.2. The bidder whose bid has been accepted will be notified for the award by the NIPB prior to expiration of the Bid validity period through the work order.

31.3. The Bidder shall promptly & regularly check their e-mailbox registered with CPP Portal for receipt of any information/clarification/correspondence in respect of their bid. The NIPB shall not be responsible for non-receipt/failure of e-mail to the bidders.

30.4. If any of the information furnished by the bidder is found to be incorrect at any stage, the bid/contract is liable to be rejected / terminated and the EMD/Performance Security will be forfeited.

30.5. NIPB reserves the right to cancel the tender without assigning any reason thereof.

31.6. Tenders from those tenderers who have not submitted their offer as per NIPB will not be considered.

30.7. Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

30.8. The notification of award will constitute the formation of the contract subject to the furnishing of a duly signed contract agreement & performance security to be submitted within 15 days of receipt, the successful bidder will furnish the contract performance security.

30.9. The Agreement will incorporate all correspondences between the employer and the successful bidder. It will be signed by the employer and successful bidder within 15 days following the notification of award along with the Letter of Acceptance.

30.10 In the event of any dispute the legal matter shall be subjected to the jurisdiction of New Delhi Court only.

31. Late Bid:

32.1. A tender which is received after the specified date and time for receipt of tenders will be treated as “late” tender and will be ignored.

32. Non-receipt of Performance Security and Contract by the Purchaser/Consignee:

33.1. Failure of the successful bidder in providing performance security and / or returning contract copy duly signed shall make the bidder liable for forfeiture of its EMD.

33. Return of Earnest Money Deposit:

The EMD of the successful Bidder shall be refunded without any interest after the award of contract and submission of Performance security valid up to 03(Three) months beyond the date of completion of warranty/duration.

34. Publication of Tender Result:

34.1 The name of the successful bidder(s) receiving the contract(s) will be published on <https://nipb.icar.gov.in> and <https://eprocure.gov.in>

34.2 The tenderer shall furnish a non-blacklisting Affidavit that the firm has not been blacklisted in the past by any Government / Private Institution.

35.3 The tenderer / supplier has to give an affidavit on non-judicial stamp paper of Rs.10/- that there is no vigilance / CBI case pending against the firm / supplier and the firm has not been black-listed in the past by any Government or Private Organization.

TENDERER'S NAME & SIGNATURE WITH SEAL

COMMERCIAL AND GENERAL TERMS & CONDITIONS

Nature of Items:

For providing of Sequencing Services with specifications as mentioned in Annexure – I.

- **Scope of Supply (applicable in case of supply of Services)**
- The tenders shall be submitted as per the requirement of Sequencing Services enclosed in **Annexure – I**.
- Submission of the tender implies that these conditions of tender have been read by the Tenderer and is aware of the scope of the supply and the quality of the material to be supplied. The final acceptance of the tender rests with the Director, NIPB, New Delhi who reserves the right to accept or reject any or all tenders without assigning any reason thereof.
- **Special condition for rate contract of sequencing services**
 - I. The rates invited for sequencing service will be valid for one year from its approval and this can be extended for another year or more with mutual consent of both the parties.
 - II. The rates invited shall be valid for sequencing services required by NIPB and others ICAR Institutes in Delhi and its Regional Centers/Regional station.
 - III. The purchaser reserves the right to conclude one or more than one rate contract for the same item of sequencing services in the interest of institute's timely requirements.
 - IV. The purchaser as well as the supplier may withdraw the rate contract by serving suitable notice to each other. The prescribed notice period is generally 60 days. The loss arising out of it may be recovered from the Performance security provided by the Vendor.
 - V. In case of emergency, the purchaser may purchase the same item through ad hoc contract with a new supplier;
 - VI. Usually, the terms of delivery in rate contracts are free delivery at consignee's site.
 - VII. Online supply orders, incorporating definite quantity of sequencing services to be provided along with all other required conditions following the rate contract terms, are to be issued for obtaining services through the rate contract;
 - VIII. The purchaser and the authorized users of the rate contract are entitled to place online supply orders up to the last day of the validity of the rate contract and, though supplies against such supply orders will be effected beyond the validity period of the rate contract, all such supplies will be guided by the terms & conditions of the rate contract,
 - IX. The rate contract will be guided by "Fall Clause".
 - X. Only the principals or the authorized distributors are eligible for participating in the tender. Only one distributor/principal would be entertained.
 - XI. All services to be completed within a maximum period of 60 days upon receipt of order, otherwise a suitable penalty of upto 10% will be levied for delay of every subsequent week.
 - XII. The vendor should protect the confidentiality and will be responsible for data security.
 - XIII. Any failure on part of the vendor to fulfill the service on upto 3 accounts may lead to cancellation of the rate contract for the remaining term of the tender period.

- XIV. The cost of sample transport (even in case it is required again) including dry ice transport and also of the hard disk with final data will be borne by the vendor.
- XV. The vendor will have to submit a six-monthly satisfactory report from atleast 5 users who have used the services during the period for keeping checks on the quality of the services.
- XVI. The vendor is requested to keep the data backup in their systems till the end of the tender period + 03 months in safe custody complying all data security guidelines.

- **Bid Submission and Opening:**

a). The bid should be submitted online at website <http://eprocure.gov.in/eprocure/app> only, by the due date as in NIPB of the bid. The server date and time as appearing on the website <http://eprocure.gov.in/eprocure/app> shall only be considered for the cut-off date and time for submission of bids. Offers sent through post, fax, e-mail and courier or by any other mode will not be considered. In case of date of opening is declared, as holiday tender will be opened on next working day at same time.

- Only those bidders shall be considered qualified by the NIPB, who submit requisite EMD, tender fee, documents, accept all the terms and conditions of the tender document unconditionally and meet the qualifying requirement stipulated in the tender document. The decision of the NIPB shall be final and binding in this regard.
- The bidder shall bear all cost associated with the preparation and submission of its bid and the NIPB will in no case be responsible or liable for these costs, regardless of the conduct or Outcome of the tendering process.

- **Submission of Bids:**

- Only bids received on E-tendering portal will be considered for opening. Bids in any physical form sent through fax/email/courier/post/delivered personally will not be considered.
- Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- While submitting the bids online, the bidder shall read the terms & conditions (of CPP Portal) and accept the same in order to proceed further to submit their bid.
- Bidder shall select the payment option as offline to pay the Tender Fee/EMD and enter details of the Demand Draft/Bank Guarantee & submit the same as to reach office by the last date of submission of bids.
- Bidders shall submit their bid through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid closing date & time (as per Server System Clock). The TIA will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders at the eleventh hour.
- The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.

- **Submission of Offer:**

The tender shall be submitted online in two cover system duly scanned and digitally signed by the authorized representative of the bidder as follows:

- **A. Cover -1 (Techno-Commercial Bid):**

Online bid should be submitted containing copy of the following documents in Cover – 1 as documentary proof, for fulfilling qualifying criteria, failing which the offer shall be summarily rejected.

- Scanned copy of Earnest Money amount must be furnished as mentioned in the General and Commercial Terms and Conditions of the contract.
- Bidder/Agent who quotes for Services manufactured by other manufacturer shall furnish valid Manufacturer's Authorization Form.
- Please refer to Checklist as per Annexure – V for list of documents.
- Please refer to Annexure-IX for eligibility criteria.

- **B) Cover -2 (Price Bid):**

The price must be quoted only in the price bid format attached as BOQ. **Please quote the prices F.O.R. and up to ICAR-NIPB, LBS Building, Pusa Campus, New Delhi-110012 (including other ICAR institute and its regional station/centers).**

- **C) Bid Price:**

The Bidder shall indicate on the Price Schedule the unit price and total bid prices of the Services it proposes to supply under the Contract. Prices indicated on the price schedule shall be entered separately.

- **Validity of Tender:**
- The tender shall be valid for a period of 180 days from the date of opening of the tender.
- No representation for the enhancement of the prices of the accepted tender or alteration of the terms and conditions will be entertained till supplies are completed.

- **7. Guarantee of Quality and Warranty of Services supplied:**

- The Services supplied shall confirm to the specifications as given in Annexure – I of the tender documents.

- **8.Price:**

- The price shall be firm and shall include all applicable taxes and charges. Any variation in the duties, levies etc. during the period of supplies shall be charged to the Tenderer account. The

rates quoted shall be all inclusive, with the delivery, up to destination ICAR-NIPB, LBS Building, Pusa Campus, New Delhi-110012 or its regional stations.

- The tenderer shall submit the copy of PAN Number, GST Number registration details, Bank details along with the tender.
- All duties, Taxes and other levies payable by the bidder under the Contract shall be included in the Total Price.

9. Delivery:

- The delivery of services should be made ICAR-NIPB, LBS Building, Pusa Campus, New Delhi-110012 or its regional stations or as per order placed.
- The successful tenderer shall complete supplies strictly within the accepted delivery period.

10. Payment:

- After successful supply & acceptance of the service provided, payment will be made by NIPB by NEFT Transfer to the bank account as mentioned in the bank mandate.
- The tenderer shall submit the documents which shall clearly indicate that the Proper Supply of services.

c). No advance payment will be made.

11. Earnest Money Deposit:

- **EMD should reach this office in the form of Demand Draft drawn/NEFT (details available at Annexure-XI) in favour of Director, ICAR-NIPB, New Delhi within prescribed time.**
- The EMD will be forfeited in any violation as prescribed in GFR/Manual/Any other rule/laws of GOI.

12. Performance Security-

Minimum performance security to be deposited: - Rs. 3 lakh per service

Maximum cap of performance security to be deposited (for any or all of the services combined) - Rs. 10 lakhs overall

The performance security shall not exceed an amount of Rs. 10 lakhs.

13. Taxes:

Suppliers shall be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Services to the Purchaser.

14. Corrupt or Fraudulent Practices:

It is required by all concerned namely the Consignee / Bidders / Suppliers etc to observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the Purchaser: -

- Defines, for the purposes of this provision, the terms set forth below as follows:
- “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; and
- “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 Purchaser, and includes collusive practice among Bidders (prior to or after Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Purchaser of the benefits of free and open competition;
- NIPB will reject a proposal for award, if it determines that, the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question.
- NIPB will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract by the purchaser if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing the contract.

15. Termination for Default:

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:

- If the supplier fails to deliver any or all of the Services within the period(s) specified in the order, or
- within any extension thereof granted by the Purchaser; or
- If the Supplier fails to perform any other obligation(s) under the Contract.
- If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

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, Services or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such Services or Services. However, the Supplier shall continue the performance of the contract to the extent not terminated.

16. Claims:

- If the material supplied are found to be sharply different than those in the accepted offer and are of specifications lower than those stipulated in the accepted offer, NIPB, New Delhi shall have the right to totally reject the Services and/or to prefer a claim for compensation for the part of Services, which are rejected.
- The supplier shall reimburse to NIPB, the actual expenditure incurred, on such Services, within 15 (fifteen) days of its demand.

TENDERER’S NAME & SIGNATURE WITH SEAL

Technical Specifications for the supply of Annual Rate Contract for the DNA/RNA/Protein/Metabolite Sequencing and related Bioinformatics services (Frame Work Agreement)**Sequencing and related Sequencing services required (One each)****All Data should be of quality Q30 or more.**

S No.	Service Type	Minimum sample size
Sanger/Capillary Sequencing		
1	PCR/Plasmid Sequencing single pass	1
2	PCR/plasmid, single pass, 96 well format	1
Nucleic Acid Extraction Services		
DNA Extraction Services		
1	DNA Isolation for Illumina Library	1
2	DNA Isolation for PacBio/Nanopore/HiC/10X Library	1
3	DNA Extraction for Genotyping	1
4	DNA extraction from environmental samples	1
5	DNA isolation/purification from biological samples	1
RNA Extraction Services		
1	Small RNA isolation for illumina Library	1
2	RNA isolation for illumina Library	1
3	RNA isolation for Pacbio Library (Isoseq)	1
4	RNA isolation from environmental Samples	1
Next Generation Sequencing Services		
Library Preparation Services (DNA/RNA extraction included,Sequencing is not included)		
1	PE Library for WGS with 300-450 bp insert size	1
2	PE Library for WGS with 500-700 bp insert size	1
3	PE Library for WGS with 800-1000 bp insert size	1
4	PCR Free Library PE library with 300-500 bp insert size	1
5	PE Library with 300-450 bp for WGS on Hiseq X	1
6	MP Library with 2 Kb to 10 Kb insert	1
7	Bisulfite Library for Methylome analysis	1
8	RNA-Seq/Chip-Seq Library with 300 bp insert for 2x100bp,Hiseq 4000	1
9	RNA-Seq/Chip-Seq Library with 300 bp insert for 2x100bp Hiseq 4000	1
10	smallRNA Library for sequencing on 1x50 bp	1
11	Degradome Library for sequencing on 1x50 bp	1

12	SMRTbell library CLR (>30Kb)	1
13	SMRTbell library CCS HiFi (20Kb)	1
14	PACBIO CLR Library with Upto 20Kb Insert	1
15	PACBIO IsoSeq Library upto 5 Kb	1
16	PACBIO IsoSeq Library upto 5-10 Kb	1
17	Linked read (10X Genomics) Library	1
18	HiC Library	1
19	Optical Mapping Library DLS	1
20	Optical Mapping Library NLRS	1
NGS Sequencing Services		
1	Sequencing on Sequel II for 10Kb Library CLR 1Gb per genome (48 samples)	1
2	Sequencing of Sequel II CCS 20Kb library to generate 100 Gb CCS reads (Single)	1
3	Sequencing of Sequel II CCS 20Kb library to generate 200 Gb CCS reads (Dual)	1
4	Sequencing of Sequel II CCS 20Kb library to generate 300 Gb CCS reads	1
5	Sequencing of Sequel II CLR 30Kb library, SMRT cell upto 30Gb data	1
6	Sequencing of Sequel II CLR 30Kb library to generate 60Gb	1
7	Sequencing of Sequel II CLR 30Kb library to generate 100Gb	1
8	Metagenomic Sequencing Variable Region V3/V4 and ITS 3/4	1
9	Metagenomic Sequencing with Complete 16s RNA Sequencing	1
10	Metagenomic Sequencing with 1 GB Data	1
11	Metagenomic sequencing upto 4 Gb data	1
12	Metagenomic sequencing, upto 10 Gb data	1
13	Metatranscriptome Sequencing- 20-30 Million raw Reads/Sample	1
14	Targeted Amplicon Sequencing upto 20KB with atleast 60X raw coverage	12
15	Hiseq 4000 2x100bp, One Lane- 45-50 Gb raw data, with Ready to Run samples	1
16	Hiseq X 2x150bp, One Lane- 90-100 Gb raw Data with Ready to Run samples	1
17	Transcriptome Sequencing - 10Gb raw Data /Sample-100 Million Reads, 2x 100 bp, Only Raw Data	1
18	Transcriptome Sequencing - 4Gb raw Data/Sample-40 Million Reads-2X100bp PE - Only Raw Data	1

19	Transcriptome Sequencing - 10Gb raw Data /Sample-100 Million Reads-2x100bp PE -Raw Data with Standard Data Analysis	1
20	Transcriptome Sequencing - 4 Gb raw Data /Sample-40 Million Reads-2x100bp PE -Raw Data with Standard Data Analysis	1
21	Transcriptome Sequencing - 5 GB Q30 data/sample, 2x150bp, raw data only	1
22	Transcriptome Sequencing - 10 GB Q30 data/sample, > 2x150bp, raw data only	1
23	Small RNA Sequencing -1x50bp 30 Million reads - Only Raw Data	1
24	Small RNA Sequencing -1x50bp 30 Million reads with Standard Data Analysis	1
25	Sequencing on Illumina - Only raw data -Lib 2X150 BP PE - 800MB to 2GB	1
26	Sequencing on Illumina - only raw data -Lib 2X150 BP PE -5 GB	1
27	Sequencing on Illumina - only raw data, 2X150 BP PE - 25 GB	1
28	Sequencing on Illumina - only raw data -Lib 2X150 BP PE - 800MB to 2GB With Standard reference based Data Analysis	1
29	Sequencing on Illumina - only raw data -Lib 2X150 BP PE - 5 GB With Standard reference based Data Analysis	1
30	Sequencing on Illumina - Only raw data -Lib 2X150 BP PE - 25 GB With Standard reference based Data Analysis	1
31	Sequencing on PacBio - Only raw data -average 10 KB read length , 800MB to 2GB	1
32	Sequencing on PacBio - Only raw data -average 10 KB read length - 5 GB	1
33	Sequencing on PacBio - Only raw data upto average120 KB read length - 10 GB	1
34	Sequencing on PacBio - Raw data -average 10 KB read length - 800MB to 2GB With Standard Data Analysis	1
35	Sequencing on PacBio - Raw data -average 10 KB read length - 5 GB With Standard Data Analysis	1
36	Sequencing on PacBio - Raw data -average 10 KB read length - 10 GB With Standard Data Analysis	1
37	Sequencing of bacterial/fungi/virus/Plant/Animal on Oxford Nanopore - Only raw data -avearge 15 kb read lengths - 800MB to 2GB	1
38	Sequencing on Oxford Nanopore - Only raw data -avearge 15 kb read lengths - 5 GB	1

39	Sequencing on Oxford Nanopore - Only raw data -average 15 kb read lengths - 10 GB	1
40	Sequencing on Oxford Nanopore - Raw data -Lib 2X150 BP PE - 800MB to 2GB With Standard Data Analysis	1
41	Sequencing on Oxford Nanopore - Raw data -average 15 kb read lengths - 5 GB With Standard Data Analysis	1
42	Sequencing on Oxford Nanopore - Raw data -average 15 kb read lengths - 10 GB With Standard Data Analysis	1
43	Chip Sequencing - 2x100bp PE Sequencing - 5 GB - Raw Data	1
44	Chip Sequencing - 2x100bp PE Sequencing - 5 GB - Raw Data with Standard Data Analysis	1
45	Chip Sequencing - 2x100bp PE Sequencing - 8 GB - Raw Data	1
46	Chip Sequencing - 2x100bp PE Sequencing - 8 GB - Raw Data with Standard Data Analysis	1
47	Methylation/ Bisulphite Sequencing on Illumina Hiseq - 2X150 BP PE - 25 GB -Raw Data Only	1
48	Methylation/ Bisulphite Sequencing on Illumina Hiseq - 2X150 BP PE - 50 GB -Raw Data Only	1
49	Methylation/ Bisulphite Sequencing on Illumina Hiseq - 2X150 BP PE - 25 GB -Raw Data with Standard Data Analysis	1
50	Methylation/ Bisulphite Sequencing on Illumina Hiseq - 2X150 BP PE - 75 GB -Raw Data with Standard Data Analysis	1
51	MeDIP Sequencing with upto 10GB data	1
52	ddRAD Sequencing and Analysis on Illumina Hiseq - 80 to 120 MB Data	48
53	ddRAD Sequencing and Analysis on Illumina Hiseq - 120 to 200 MB Data	48
54	Genotyping by Sequencing 48 plex	1
55	Genotype by Sequencing 96 plex	1
56	Chloroplast/Mitochondrial Genome Sequencing of Plant-100x	1
57	Degradome sequencing and Analysis- 50 Million raw Reads	1
58	Iso-Seq Sequencing on Pac Bio Sequel with 1 CLR Lib and One SMRT Data Only (Library additional)	1
59	Iso-Seq Sequencing on Pac Bio Sequel with 1 CLR Lib and One SMRT Data with Data Analysis (Library additional)	1
60	One run on MiSeq, upto 4 GB data	1
61	One run on MiSeq, upto 16 GB data	1
62	One run on NexSeq, upto 100 Gb data	1

63	SMRT Sequencing, upto 8 to 10 GB Data	1
64	One full run of Novaseq with one sample library	1
65	One full lane of HiSeq 4000, not less than 100 GB Q30 data	1
66	One full run on Promethion, one sample library	1
67	One full run on GridION, one sample library	1
68	One full run on Minion, one sample library	1
69	One full run of MGI Seq 200	1
70	One full run of MGI Seq 2000	1
71	One sample run on MGI Seq 200, 10 GB data, per sample, including library preparation	1
72	One sample run on MGI Seq 2000, 10 GB data, per sample, including library preparation	1
Genotyping Services and Analysis		
1	Maize Infinium 50K Array Genotyping	48
2	Cotton Infinium 70 K Array Genotyping	48
3	Tomato Infinium 8K Array Genotyping	48
4	Pepper Infinium 20K Genotyping	48
5	Wheat Infinium 90K Genotyping	48
6	Brassica infinium 90K Chip	48
7	Rice Infinium 6K Genotyping	48
8	Rice Affymetrix Axiom® 90K Genotyping	96
9	Rice Affymetrix Axiom® 50K Genotyping	96
10	Pigeonpea Affymetrix Axiom® 70K Genotyping	96
11	Wheat breeder chip Axiom 35K Genotyping	384
12	Mango Affymetrix Axiom® 70K Genotyping	96
13	Trait Mapping by QTL-Seq/Mutmap 10 X (1 Gb genome size)	4
14	Marker Assisted Foreground Selection (per Marker)	96
15	Marker Assisted Background Selection	48
16	KASP Marker Development (KBD)	1
17	KASP Marker Development (KOD)	1
18	Fluidigm Marker Development for 24.192 set	192
19	Fluidigm Marker Development for 96.96 set	96
20	Fluidigm IFC Genotyping, 24.192 set	192
21	Fluidigm IFC Genotyping 96.96 set	96
22	Genetic Purity Analysis 96	96
23	Immunodiagnostic Services 96 R	96
24	Immunodiagnostic Services 96 SPL	96
Additional Sequencing and Mapping Offerings		
1	10X Chromium Lib and Data generation Upto 50 GB raw data	1
2	10X Chromium Lib and Data generation Upto 100 GB raw data	1

3	HiC Lib and Data Generation upto 50 GB	1
4	HiC Lib and Data Generation upto 100 GB	1
5	Saphyr Optical Mapping with 1 Lib and 1 Flow cell with 100Gb data for each flow cell	1
6	Saphyr Optical Mapping with 2 Lib and 2 Flow cell with 100Gb data for each flow cell	1
7	Saphyr Optical Mapping with 3 Lib and 3 Flow cell with 100Gb data for each flow cell	1
	Bioinformatics Service (Data generation not included)	
1	Genome wide Association study by different methods including haplotype analysis and generation of maps	96
2	Complete QTL Mapping by different algorithms/methods and related services	96
3	Whole Genome De-Novo Assembly and Annotation (Data size of 10GB data) Comprehensive Raw Data QC, Leverage a rapidly growing number of Assemblers optimized for short and long reads, HiC, 10X and Bionano data reads, assembly validation, Repeat Masking, Gene Prediction, Annotation, Pathway & Ontology Enrichment, Domain Enrichment etc	1
4	Whole Genome De-Novo Assembly and Annotation (Data size of 100GB data) Comprehensive Raw Data QC, Leverage a rapidly growing number of Assemblers optimized for short and long reads, HiC, 10X and Bionano data reads, Assembly validation, Repeat Masking, Gene Prediction, Annotation, Pathway & Ontology Enrichment, Domain Enrichment	1
5	Complete bacterial genome assembly, annotation and comparative studies, phylogeny etc	1
6	Complete fungal genome assembly, annotation, comparative analysis, phylogeny etc	1
7	Complete transcriptome analysis for one more types of RNA including assembly(denovo/ref), annotation, Differential expression, comparative analysis, splice variants, GO analysis, KEGG mapping, co-expression analysis among the datasets, target prediction etc	1
8	Complete DNA seq analysis assembly(denovo/ref), annotation, comparative analysis , SSR markers identification, etc	1
9	Complete bisulfite sequencing data analysis including scanning/distribution, GO analysis, methylated region/gene /promoter identification, plotting, graphs , comparative mapping, etc	1

10	Complete metagenome analysis including identification of genus/taxa, distribution, abundance, diversity, phylogenetics, etc	1
11	Complete assembly of organelle genomes : assembly, annotation, development of circular/linear genome, SSR identification, repeat density etc	1
12	Exome sequencing data analysis including assembly, annotation, variant analysis, etc	1
13	GBS/RAD data analysis including data filtering, clustering, variant analysis, haplotype analysis, association analysis, statistical analysis,etc	1

S.no	Proteomics Services
1	Epitope Design
2	Synthesis of Peptide for Modified Peptide (Phosphorylated/Methylated/Acetylated/etc.)
3	Synthesis of Peptide (HPLC Purified)
4	KLH/BSA Conjugation
5	BSA-EDC Conjugation for Ab Generation
6	FITC Conjugation
7	Generation of Polyclonal Antibody (in two Rabbits)
8	Generation of Polyclonal Antibody (in one Rabbit)
9	Generation of Polyclonal Antibody (in four Mice)
10	Generation of Polyclonal Antibody (in four Rats)
11	Protein A Affinity Purification of Antibody
12	Peptide Affinity Purification of Antibody
13	Double Peptide Affinity Purification of Antibody
14	Triple Peptide Affinity Purification of Antibody
15	Extension of Custom pAb Service per month per Rabbit
16	Extension of Custom pAb Service per month in two Rabbits
17	Final bleed of Custom pAb Development in one Rabbit
18	Final bleed of Custom pAb Development in two Rabbits
19	Protein Extraction Service by Gel Elution
20	Angiten QC Testing by SDS-PAGE
21	Phase-I: Anti-sera Development (in 4 Mice) for Custom mAb Production.
22	Phase-II: Fusion and Screening for Positive Clone for Custom mAb Production,
23	Phase-III: Sub-cloning and Screening for Positive Clone for Custom mAb Production
24	Phase-IV: Large Scale Production and Purification of mAb
25	Selection of Match-paired Clones and Conjugation of mAb to Biotin
26	IHC Testing Service for one Antibody from Paraffin Block
27	Processing of Tissue for IHC and Staining with one Antibody
28	Tissue Section and Slide Preparation from Paraffin Block
29	Block Preparation, Slide Preparation and Staining
30	Block Preparation and Slide Preparation

31	Codon Optimization for Gene Synthesis
32	Gene Synthesis (minimum 500 bp) [more bp enquire]
33	Gene Cloning into Expression Vector
34	Transformation and Protein Expression
35	Mass Culture for Protein Purification
36	Purification through Ni-NTA Chromatography
37	Purification for GST Tagged Protein
38	Additional Two-step Purification (Ion Exchange and Gel Filtration)
39	Protein Refolding Service
40	In vitro Anti-Cancer Experiment
41	Label-free nano-LC- MS/MS Analysis- single sample
42	LC/MS - single sample
43	multiple samples (10-25)
44	bulk (>25) and no result
45	Multiplexed protein analysis using 2-Plex iTRAQ – 120 min run
46	Multiplexed protein analysis using 3-Plex iTRAQ – 120 min run
47	Multiplexed protein analysis using 4-Plex iTRAQ – 120 min run
48	Multiplexed protein analysis using 5-Plex iTRAQ – 120 min run
49	Multiplexed protein analysis using 6-Plex iTRAQ – 120 min run
50	Multiplexed protein analysis using 7-Plex iTRAQ – 120 min run
51	Multiplexed protein analysis using 8-Plex iTRAQ – 120 min run
52	Multiplexed protein analysis using 02-Plex TMT – 120 min run
53	Multiplexed protein analysis using 03-Plex TMT – 120 min run
54	Multiplexed protein analysis using 04-Plex TMT – 120 min run
55	Multiplexed protein analysis using 05-Plex TMT – 120 min run
56	Multiplexed protein analysis using 06-Plex TMT – 120 min run
57	Multiplexed protein analysis using 07-Plex TMT – 120 min run
58	Multiplexed protein analysis using 08-Plex TMT – 120 min run
59	Multiplexed protein analysis using 09-Plex TMT – 120 min run
60	Multiplexed protein analysis using 10-Plex TMT – 120 min run
61	2D-DIGE Analysis of 2 samples + LC-MS/MS analysis of 10 protein spots
62	2D-DIGE Analysis of 4 samples + LC-MS/MS analysis of 10 protein spots
63	2D-DIGE Analysis of 6 samples + LC-MS/MS analysis of 10 protein spots
64	MALDI-TOF/TOF (PMF+MS/MS), Database search using Mascot, Raw data export, MS Report (in PDF) Peak list data (in mascot generic format)
65	(In-gel/solution Digestion + Extraction ZipTip® Desalting MALDI-TOF/TOF (PMF+MS/MS), Database search using Mascot, Raw data export, MS Report (in PDF), Peak list data (in mascot generic format).
66	iTRAQ 4-plex labeling and sample preparation
67	iTRAQ 8-plex labeling and sample preparation
68	Label Free Quantitative proteome analysis
69	De-Novo Proteome profiling: Six-enzyme digestion, UPLC-MS/MS, up to 50,000 sequencing events, 50 cm column, 90 min gradient
70	Six-enzyme digestion, UPLC-MS/MS, up to 150,000 sequencing events, 50 cm column, 90 min gradient. PLUS de novo assembly

71	UPLC-MS/MS, up to 10,000 sequencing events, 15 cm column, 20 min gradient (ID upto 1000 Proteins)
72	UPLC-MS/MS, up to 50,000 sequencing events, 50 cm column, 90 min gradient (ID upto 4000 Proteins)
73	UPLC-MS/MS, up to 150,000 sequencing events, 50 cm column, 240 min gradient (ID upto 9000 Proteins)
74	3 high pH fractions, UPLC-MS/MS, up to 450,000 sequencing events, 50 cm column, 3 x 240 min gradient (15000 Proteins)
75	Multi-enzyme digestion, 12 high pH or OGE-IEF fractions, UPLC-MS/MS, up to 1,850,000 sequencing events, 50 cm column, 12 x 240 min gradient (All proteins)
76	2D DIGE Preparative Gel (2 CyDye labeling)
77	Spot Picking: up to 96 spots per gel
78	LC-MS/MS on low complexity samples (1D Gel band)
79	LC-MS/MS on moderate complexity samples
80	LC-MS/MS on high complexity samples
81	Service - N-terminal protein and peptide sequencing (Set-up with first 5 amino acid sequencing steps)
82	ICP-MS analysis of plant sample
83	ICP-MS analysis of soil sample
84	ICP-MS analysis of plant sample with bioinformatics analysis
85	AAS analysis of plant tissue sample
86	XRF analysis of plant tissue sample
87	HPLC analysis with the appropriate standards

NOTE: Do not give the pricelist Provide information against each item in BOQ only, otherwise, quote will be disqualified.

TENDERER'S NAME & SIGNATURE WITH SEAL

ANNEXURE – II

AGREED TERMS AND CONDITIONS

1.	Name of the firm/Agency		
2.	Full address with Post Box No. and Telephone No. website address, email, if any		
3.	Constitution of the firm/Agency (Attached copy) Indian Companies Act, 1956 Indian Partnership Act, 1932 (Please give names of partners) Any other Act, if not, the owners		
4.	For Partnership firms whether registered under the Indian Partnership Act, 1932 please state further whether by the partnership agreement the arbitration has been conferred on the partner who has signed the Tender.		
	<ul style="list-style-type: none">If answer to the above is in negative, whether there is any general power of attorney executed by all the partners of the firm authorizing the partner who has signed the Tenders to refer dispute business of the partnership to arbitration.		
	<ul style="list-style-type: none">If the answer to above is in point one and two, in affirmative please furnish a copy of either the partnership agreement or the general power of attorney as the case may be. The copy should be attested by a Notary Public or its execution would be admitted by affidavit on a properly stamped paper by all partner.		

5.	Name and Full Address of your Bankers		
6.	PAN Number		
7.	<ul style="list-style-type: none"> • ESI No. of the firm • EPF No. of the firm 		
8.	GST Registration number		
9.	Registration No. under Contract Act / License No.		
10.	Any other relevant information		
	<u>PART-II</u>	YES	NO
11.	Earnest Money Deposited YES / NO		
	<u>PART-III</u>	YES	NO
12.	Name and Address of the firm's representative to be visiting NIPB, regarding the contract.		

Date: _____

Place: _____

AUTHORISED SIGNATORY
with Seal

Please add supplementary pages to be numbered wherever needed by the Tenderer.

On the Letter head of the Vendor/Contractor/Supplier Details

Date:

To,
The Asst. Administrative Officer,
ICAR- National Institute for Plant Biotechnology

L.B.S. Building, Pusa Campus,
New Delhi – 110 012.

Dear Sir/Madam,

We hereby give our consent to accept the related payments of our claims/bills on NIPB through Cheques or Internet based online E-Payments system at the sole discretion of NIPB. Our Bank account details for the said purpose are as under:

• **Vendor Details:**

- Name (As per the Bank Records)

2.Address

3.PAN No.

4.GST No.

5.LST No.

6.CIN No.

7.E-mail ID

- Phone Number

B. Particulars of Bank Account:

- Bank Name
- Branch Name/Branch Code
- Branch Address 9 Digit MICR No. of Bank and Branch (As appearing on the cheque)
- Account Type (Savings/Cash credit/Current)
- Account Number (as appearing on the cheque book)
- IFSC Code of the Branch (For RTGS)
- IFSC Code of the Branch (For NEFT)

Please attach a blank copy of a cancelled cheque/photocopy of a cancelled cheque issued by your Bank relating to the above account number for verifying the accuracy of the 9 digit MICR code number.

I/We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information I would not hold the user Institution responsible.

Date :

Signature/Seal of Firm

Phone No:

Certified that the particulars furnished above are correct as per our records.

Date :

Company's Authorized Signatory

Phone No:

Encl: Photocopy of cheque duly cancelled and copy of Indian PAN Card.

(Undertaking from Tenderers)

To,

The Asst. Administrative Officer,
National Institute for Plant Biotechnology,
R. No -232, L B S Building, Pusa Campus,
New Delhi – 110 012

Sir,

Nature of Services/Equipment's/ instruments/Supply/Installation/ Services as mentioned at Annexure-I at ICAR- NIPB,LBS Building, Pusa Campus, New Delhi-110 012

Having examined and perused the following documents:

- Notice Inviting Tender
- General Instruction to the Tenderers
- Commercial and General Terms & Conditions
- Technical Specifications of the Equipments (Annexure – I) for which tender is issued
- Price Bid

I/Wedo hereby submit tender in prescribed formats for Supply and Installation of Instruments to NIPB, New Delhi-110 012, completed in all respects in accordance with the conditions applicable.

- **ADDITIONAL PURCHASE/WORK ORDER:** We understand that the NIPB New Delhi, New Delhi, in case of the requirements may also place repeat purchase order/work order on the company. In such cases, we shall accept and execute all the purchase/work order placed on us by NIPB New Delhi, New Delhi.
- **BID PRICING:** We further declare that the prices stated in our proposal are in accordance with your Terms & Conditions in the bidding document. We further understand that the quantities as specified in this Tender may increase or decrease at the time of Award of Purchase Order as per the requirements of NIPB New Delhi.
- **QUALIFYING DATA:** We confirm that we satisfy the qualifying criteria and have attached there qui site documents as documentary proofs. In case you require any further information/documentary proof in this regard during evaluation of our bid, we agree to furnish the same in time to your satisfaction.

IV. **CONTRACT PERFORMANCE SECURITY:** We hereby declare that in case the contract is awarded to us, we shall submit the performance Guarantee Bond in the form of DD or Bank Guarantee for an amount as per the set formula.

V. **PAYMENT TERMS:** We hereby declare that in case the contract is awarded to us, we agree with payment terms specified in the tender documents.

VI. **CERTIFICATE AND DECLARATION:**

- I/We certify that no addition/modification/alteration has been made in the Original Tender Document. If at any stage addition /modification /alteration is noticed in the Original Document, I/We will abide by the terms and conditions contained in the original tender document, failing which NIPB New Delhi reserves the right to reject the tender and/or cancel the contract.
- It has been certified that all information provided in tender form is true and correct to the best of my knowledge and belief. We hereby declare that our proposal is made in good faith, without collusion or fraud. No forged /tampered document(s) are produced with tender form for gaining unlawful advantage. We understand that NIPB New Delhi is authorized to make enquiry to establish the facts claimed and obtained confidential reports from clients.
- In case it is established that any information provided by us is false / misleading or in the circumstances where it is found that we have made any wrong claims. Further NIPB New Delhi is also authorized to blacklist our firm/company/agency and debar us in participating in any tender/bid in future.
- I / We assure the Institute that neither I/We, nor any of my /our workers, will do any act which is improper / illegal during the execution in case the tender is awarded to us.
- I / We assure the Institute that I / We will NOT be outsourcing any work specified in the tender document, to any other firm.
- Neither I/We, nor anybody on my /our behalf will indulge in any corrupt activities /practices in my /our dealing with the Institute.
- Our Firm / Company / Agency has not been blacklisted or banned by any Govt. Department, PSU, University, Autonomous Institute or any other Govt. Organization.
- I/We certify that, I have understood all the terms & conditions as indicated in enquiry of the tender document, and hereby accept all the same completely.
- I/We, further certify that I/We, possess all the statutory /non-statutory registrations, permissions, approvals, etc., from the Competent Authority for providing the requisite services.
- We understand that you are not bound to accept the lowest or any bid you may receive.
- I/We hereby declare that this tender on acceptance communicated by you shall constitute a valid and binding contract between us and I/We agree to abide by and fulfill all the terms and conditions in the tender documents.
- I/We distinctly agree that I/We would hereafter make no claim or demand upon the NIPB, New Delhi based upon or arising out of any alleged misunderstanding or misconceptions or mistake on my/our part of the said stipulations, restrictions and conditions.

- Any notice required to be served on me/us shall be sufficiently served on me/us by post (registered or ordinary) or courier or left at my/our address furnished herein. I/We fully understand the terms and conditions in the tender documents.

Dated this.....day of.....2016

TENDERER'S NAME & SIGNATURE WITH SEAL

**National Institute for Plant Biotechnology
(Indian Council of Agricultural Research)
Department of Agricultural Research and Education (DARE),
Ministry of Agriculture, Govt. of India
L B S Building, Pusa Campus,
New Delhi–110012.**

CHECKLIST

Name of Bidder	:				
Name of Manufacturer	:				
					Page No. in
S.	Activity	Yes/No/NA	Documents to be uploaded	the uploaded Tender Docs.	
No.					
1.	Have you enclosed Demand Draft Bank towards (Drawn in favour of Director, ICAR Unit-NIPB, New Delhi) requisite EMD towards instrument as per quoted item?		Scanned copy To be uploaded		
2.	Have you enclosed duly filled Tender form as per the Annexure?				
3.	Have you enclosed clause-by-clause technical compliance statement for the quoted Services vis-à-vis the Technical Specifications?		To be uploaded		
4.	In case of technical deviations in the compliance statement, have you identified and marked the deviations?		To be uploaded		
5.	Have you submitted satisfactory performance certificate as mentioned in General and Commercial Terms and Conditions?		To be uploaded		
6.	Have you submitted copy of the order(s) and end user certificate?		To be Uploaded		
7.	Have you enclosed catalogue, leaflet, and brochure with full details of quoted items?		To be Uploaded		
8.	Is your bid valid for 6 Months from the date of opening				

	of Technical Bid?			
9.	In case of Indian Bidder, have you furnished Income		To be	
	Tax Account No. as allotted by the Income Tax Department of Government of India?		uploaded	
10.	Have you submitted Manufacturer's authorization		To be	
	letter?		Uploaded	
11.	Have you mentioned the name and full address of your		To be	
	Banker (s) along with your Account Number, IFCS		uploaded	
	Code of the Bank/Branch?			
12.	Have you fully accepted delivery period as per Tender			
	document?			
13.	Have you submitted the certificate of incorporation?		To be	
			uploaded	
14.	Have you accepted the warranty terms as mentioned in			
	the Tender document?			

15.	Have you accepted terms and conditions of Tender			
	document?			
16.	Have you furnished documents establishing your		To be	
	eligibility & qualification criteria as per Tender		uploaded	
	document?			
17.	Have you submitted an affidavit that the firm has not		To be	
	been black listed in the past by any Organization?		Uploaded	
18.	Have you submitted an affidavit that the firm is not		To be	
	supplying the same item at the lower rate quoted in the		uploaded	
	tender to any Govt. Organization or any other Institute			
	(Fall Clause).			
19.	Tender Document duly signed by authorized representative of the bidder shall be submitted and uploaded with the bid.		To be uploaded	

Note:

- All pages of the Tender should be page numbered and indexed.
- The Bidder may go through the checklist and ensure that all the documents/confirmations listed above are enclosed in the tender and no column is left blank. If any column is not applicable, it may be filled up as NA.
- It is the responsibility of the tenderer to go through the Tender document to ensure furnishing of all information/required documents in addition to above, if any.

(Signature with Date)

**(Full name, designation & address of the person duly authorized sign on behalf of the Bidder)
For and on behalf of**

**(Name, address and Stamp of the tendering
firm)**

AFFIDAVIT REGARDING BLACKLISTING/ NON-BLACKLISTING FROM
TAKING PART IN GOVT.TENDER
BY DOT/GOVT. DEPT

**(To be executed on Rs.10/- Stamp paper & attested
by Public Notary/Executive Magistrate by the
bidder)**

I / We Proprietor/ Partner(s)/ Director(s) of M/S. _____ hereby declare that
the firm/company namely M/S. _____

has not been blacklisted or debarred in the past by NIPB New Delhi or any other Government
organization from taking part in Government tenders.

Or

I / We Proprietor/ Partner(s)/ Director(s) of M/S. _____ hereby declare that
the firm/company namely M/S. _____
was blacklisted or debarred by NIPB New Delhi, or any other Government Department from taking
part in Government tenders for a period of _____ years w.e.f. _____.

The period is over on _____ and now the firm/company is entitled to take part in
Government tenders. In case the above information found false I/We are fully aware that the tender/
contract will be rejected/cancelled by NIPB New Delhi, and EMD/SD shall be forfeited. In addition
to the above, NIPB New Delhi, will not be responsible to pay the bills for any completed/ partially
completed work.

Signature _____

Name _____

Capacity in which assigned: _____

Name & address of the firm: _____

Date:

Signature of Bidder with Seal.

Benefits to Micro and Small Enterprises (MSEs)

With reference to the Order of the Ministry of MSME, under the Public Procurement Policy March 2012, Micro and Small Enterprises shall be entitled for benefits, subject to terms and conditions, as under:

- **Qualifying Criteria for MSEs, SC/ST Vendors:**

- MSE bidders must submit registration certificates from any of the following (or any other body specified by the Ministry of MSME):

National Small Industries Corporation (NSIC)
District Industries Centres (DIC)
Coir Board
Khadi and Village Industries Commission (KVIC)
Khadi and Village Industries Board (KVIB)
Directorate of Handicrafts and Handloom

- SC/ST owned enterprises (i.e. SC/ST proprietorship, or holding minimum 51% shares in case of Partnership/Private Limited Companies) shall additionally submit relevant SC/ST certificates issued by any of the following:

District/Additional District Magistrate/ Collector/ Deputy Commissioner/
Additional Deputy Commissioner/Deputy Collector/1st Class Stipendiary
Magistrate/Sub-Divisional Magistrate/Taluka Magistrate/Executive
Magistrate/ Extra Assistant Commissioner

Chief Presidency Magistrate / Additional Chief Presidency Magistrate /
Presidency Magistrate
Revenue Officer not below the rank of Tahsildar

Sub-Divisional Officer of the area where the individual and/or his family normally resides

- The registration shall be valid as on date of placement of order. A self-attested photocopy of the relevant certificate shall be submitted as a support document.
- The registration must be for the items/category of items/services relevant to the tendered items/category of items/services.

- **Purchase Preference for MSE:**

In tenders, where the L-1 (evaluated price) bidder is a non-MSE, up to 20% of the tendered quantity shall be allowed to be supplied by participating MSEs provided that the tendered quantity is divisible into two or more orders and adequate for the purpose; all qualifying bidders have agreed for acceptance of part-order quantity and participating MSE matches the L1 rate.

A share of 4% out of this 20% shall be allowed to be supplied by participating MSEs owned by Scheduled Cast/Scheduled Tribe Entrepreneurs. In the case of an SC/ST owned MSE failing to participate in the tender or not meeting the tender requirements, this 4% sub-target shall be met by other participating MSEs. The above shall be subject to that the participating MSE (including SC/ST) bidders shall have quoted a price within +15% of the L1 bid price and further that they shall agree to match their quoted price with the L1 price.

In case that two or more MSEs are within the L1 + 15% band, all such MSEs will be offered the opportunity to match the L1 rate and 20% of the order will be shared equally by them.

Where the MSE is SC/ST owned, they shall be exclusively awarded a share of 4% of the above 20% in addition to equally sharing the balance 16% with other non-SC/ST MSEs. In case of more than one SC/ST MSE matching the L1 price, they shall equally share 4% of the order, and additionally share the balance 16% with other non-SC/ST MSE bidders.

- **Exemption from Earnest Money Deposit (EMD) / Tender cost and Security Deposit (SD) for MSE:**
- Tenders shall be provided free of cost and tender documents are downloadable from the websites of NIPB (<https://nipb.icar.gov.in>) and the Central Public Procurement Portal (CPPP) (<http://www.eprocure.gov.in/epublish/app>)
- MSE units qualifying as at (point no. 1) above shall be exempt from paying EMD.

- Additionally, MSEs registered with NSIC shall be exempt from paying Security Deposit up to the monetary limit mentioned in the certificate.

ANNEXURE – VIII

Bid Submission

Online Bid Submission:

The Online bids (complete in all respect) must be uploaded online in Two Covers as explained below: -

<u>COVER – I</u>			
(Following documents to be provided as single PDF file)			
S. No.	Documents	Content	File Types
1.		Compliance Sheet with Technical supporting documents as per specifications mentioned in (Annexure – I)	.PDF
2.		Agreed Terms and Conditions as per (Annexure – II)	.PDF
	Technical Bid		
3.		Vendor Details as per (Annexure – III)	.PDF
4.		Undertaking from Tenderer as per (Annexure – IV)	.PDF
5.		Checklist (Annexure – V)	.PDF
6.		Affidavit Regarding Blacklisting (Annexure – VI)	.PDF
7.		Benefits to MSE's (Annexure – VII)	.PDF
8.		Online Bid Submission Details (Annexure – VIII)	.PDF
<u>COVER – II</u>			
S. No.	Types	Content	
1.	Financial Bid	Price bid (BOQ) may be submitted as an BOQ for item quoted as per ANNEXURE – I	EXCEL

TENDERER'S NAME & SIGNATURE WITH SEAL

Essential Criteria for opening of financial bid

**CHECK LIST OF DOCUMENTS TO BE UPLOADED FOR CONSIDERING OF
OPENING OF FINANCIAL BID.**

S. No.	Particulars	Along with page no. on the bid document
1.	Self-attested copy of valid Firm Registration certificate with the appropriate authority.	
2.	Scanned Copy of EMD of requisite amount.	
3.	Copy of GST Number Registration.	
4.	Copy of PAN No.	
5.	Should have a fully functional NGS/Proteomics/Bioinformatics laboratory. The vendor must attach proof of owning/leasing such laboratory for undertaking those services which he/she wishes to apply for.	
6.	Minimum AVERAGE ANNUAL TURNOVER of Rs. 50 lakhs in the last 3 financial years i.e., 2018-19, 2019-20 & 2020-21 (CA certificate to be enclosed) and no need to submit balance sheet for the same.	
7.	Bidder/Tenderer must provide the information on the similar works completed successfully & satisfactory in last 3 years (2017-18, 2018-19, 2019-20) Bidder/Tenderer must submit satisfactory documentary proof from end-users list like order copies, award of tender, agreement document.	
8.	List of Organizations/Customers dealt by them with copy of satisfactory document along with, name of user, address, phone number & e-mail etc. (at least 5)	
9.	Should provide Manufacturer's/Principal's authorization, only one vendor is eligible to participate. In case, more than one vendor provide authorization from one principal, both will stand disqualified.	
10.	Non-Blacklisting certificate on non-judicial stamp paper of Rs. 10/- that the firm has not been black listed in the past by any organization.	

11.	NO CRIMINAL LIABILITY UNDERTAKING AFFIDAVIT (To be executed on Rs. 10/- Non Judicial Stamp Paper). (As per Annexure – X)	
12.	Should provide duly signed Integrity Pact (As per Annexure-XII)	
13.	The contractor must have a solvency of Rs. 10 Lakh duly certified by the Banker and solvency certificate should not be more than 06 months old prior to the date of submission of tender or should have validity as on last date of submission of tender.	
14.	Should provide a undertaking in an affidavit on letter head that the firm is not supplying the same item at rates lower than the quoted in the tender to any Govt. Organization or any other Institute (Fall Clause Certificate).	
15.	Should provide a proper catalogue in pdf format, a hard copy of the same catalogue has also to be deposited at a later stage, any mismatch or change with uploaded catalogue will lead to disqualification.	
16.	Tender Document duly signed by authorized representative of the bidder shall be submitted and uploaded with the bid.	

* Scanned copy EMD/NSIS/SSI/exemption copy be upload and head copy be submitted to office.

Note:- All documentary proof to be enclosed for above items failing which, quotation will be rejected forthwith.

I hereby agree to abide by all the terms and condition of the tender document.

NO CRIMINAL LIABILITY UNDERTAKING AFFIDAVIT (To be executed on Rs. 10/- Non Judicial Stamp Paper)

IS/O.....Resident of
.....(Address)..... do
solemnly pledge and affirm:-

1. That I am the proprietor/Partner/Authorized signatory of M/s :-

.....
.....

2. That no case of any nature i.e. CBI/Criminal etc. is pending against my firm.

or

3. The details of the case pending are given below:-

S. No.	Details of Case pending	Court in which case pending

(Signature of the bidder)
Name and Address (with seal)

BANK DETAILS FOR RTGS/NEFT

Name of the Account Holder/Beneficiary	Director, NIPB, New Delhi
Beneficiary Account Number	90293050000089
A/c Type (Saving/Current)	Current
Name of the Bank	Canara Bank
Name of the Branch	Pusa Campus
City	New Delhi
State	Delhi
IFSC Code	CNRB0019029

**INTEGRITY PACT
(Applicable for this Tender)**

Between

ICAR-NIPB, LBS Building, Pusa Campus, New Delhi, hereinafter referred to as "The Principal"

And

(Name of the bidder).....hereinafter referred to as "The Bidder/Contractor"

Preamble:

The Principal intends to award, under laid down organizational procedures, contract/s for The Principal values full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder/s and Contractor/s.

Section: 1 -Commitments of the Principal

a)The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:

- No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which he/she is not legally entitled to.
- The Principal will, during the tender process treat all Bidders with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidders the same information and will not provide to any Bidder confidential/additional information through which the Bidder could obtain an advantage in relation to the tender process or the contract execution.
- The Principal will exclude from the process all known prejudiced persons.

b)If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti-Corruption Laws of India, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

Section: 2 -Commitments of the Bidder/Contractor

a)The Bidder/Contractor commits itself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

- The Bidder/Contractor will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or immaterial benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
- The Bidder/Contractor will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, Subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
- The Bidder/Contractor will not commit any offence under the relevant Anticorruption Laws of India; further the Bidder/Contractor will not use improperly, for purposes of competition or

personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

- The Bidder/Contractor will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- The Bidder/Contractor will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- The Bidder/Contractor signing Integrity Pact shall not approach the Courts while representing the matters to IEMs and he/she will await their decision in the matter.

Section 3 -Disqualification from tender process and exclusion from future Contracts

- If the Bidder, before contract award has committed a transgression through a violation of Section 2 or in any other form such as to put his reliability or risibility as Bidder into question, the Principal is entitled to disqualify the Bidder from the tender process or to terminate the contract, if already signed, for such reason.
- If the Bidder/Contractor has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal is entitled also to exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressions within the company hierarchy of the Bidder and the amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 3years.
- The Bidder accepts and undertakes to respect and uphold the Principal's Absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.
- If the Bidder/Contractor can prove that he has restored/recouped the Damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.
- A transgression is considered to have occurred if in light of available evidence no reasonable doubt is possible.
- Integrity Pact, in respect of a particular contract, shall be operative from the date Integrity Pact is signed by both the parties till the final completion of the contract **or as mentioned in Section 9- Pact Duration whichever is later**. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings

Section 4 -Compensation for Damages

1.If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover from the Bidder liquidated damages equivalent to Earnest Money Deposit / Bid Security.

(2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to Security Deposit.

3. The bidder agrees and undertakes to pay the said amounts without protest or demur subject only to condition that if the Bidder/Contractor can prove and establish that the exclusion of the Bidder from the tender process or the termination of the contract after the contract award has caused no damage or less damage than the amount or the liquidated damages, the Bidder/Contractor shall compensate the Principal only to the extent of the damage in the amount proved.

Section 5 -Previous transgression

- The Bidder declares that no previous transgression occurred in the last 3 years with any other Company in any country conforming to the TI approach or with any other Dept. of Govt. of India/ State/ Autonomous bodies/ Public Sector Enterprise in India that could justify his exclusion from the tender process.
- If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

Section: 6 -Equal treatment of all Bidders/Contractor/Subcontractors

- The Principal will enter into Pacts on identical terms with all bidders and contractors.
- The Bidder / Contractor undertake(s) to procure from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the provisions laid down in this agreement/Pact by any of its subcontractors/sub-vendors.
- The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section: 7 -Criminal charges against violating Bidders/Contractors/ Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor, which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section:8 -Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the respective contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/ lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Director of the Principal.

Section:10 -Other provisions

- This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi. The Arbitration clause provided in the main tender document/contract shall not be applicable for any issue / dispute arising under Integrity Pact.
- Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- If the Contractor is a partnership or a consortium, this agreement must be, signed by all partners or consortium members.
- Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

.....
For the Bidder/Contractor

Witness 1:.....

Witness 2:.....

Place.
Date .

.....
For the Principal

Proforma for Disclosure of Conflict of Interest.

(To be typed on the letter head of the bidder)

Date

Bid Document No.....

To,

The Director,
ICAR-NIPB
LBS Building, Pusa Campus,
New Delhi-110012

Sub: Tender No. F.No. 6- for Annual Rate Contract for the DNA/RNA/Protein Sequencing and related services for the period of 1 years extendable upto another two year.

I/We (Names authorized signatory (ies), on behalf of M/s do hereby undertake that:

- It is certified that our company or any of its Directors/ Partners/ Employees/ Affiliates or any relatives do not have any ongoing or past contractual engagement for the last one year period preceding the Bid Closing Date of this Bid Document, with ICAR-NIPB, LBS Building, Pusa Campus, New Delhi-110012.
- Our company or any of its Directors/ Partners/ Employees/ Affiliates shall abstain from taking part, directly or indirectly, in any of the tenders invited (by IARI New Delhi), for any other project in IARI for similar service.
- The Director/ Partners/ Employees of our company shall refrain themselves from holding any position in any of the bidding company (ies) participating in the aforesaid type of tenders, or the successful bidding company (after award of the contract) and shall also refrain from entering into any business relationships or activities, which would result in a 'conflict of interest' with such company (ies) participating in the tender/awarded the contract.
- Our Company shall not engaged any relative of an employee/pensioner of ICAR-NIPB, LBS Building, Pusa Campus, New Delhi-110012 for Sequencing services during the contract period.

(Authorised signatory)

Signature:.....

Name:.....

Designation:.....

Instructions for Online Bid Submission:

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

REGISTRATION

- Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “**Online bidder Enrollment**” on the CPP Portal which is free of charge.
- As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 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.
- 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 / nCode / eMudhra etc.), with their profile.
- 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 DSC’s to others which may lead to misuse.
- Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

SEARCHING FOR TENDER DOCUMENTS

- 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 Portal.
- 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.
- 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

- Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 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 document that need to be submitted. Any deviations from these may lead to rejection of the bid.

- Bidder, 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/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- 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. Bidders can use “My Space” or “Other Important Documents” 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 bid submission process.

SUBMISSION OF BIDS

- Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
- Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 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.
- 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. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

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- Upon the successful and timely submission of bids (ie after Clicking “Freeze Bid Submission” in the portal), 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.
- The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

- 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.
- 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.
