Sub: Tender for Genome Sequencing for Bovine to be e-publish in CPPP

Sir,

Please refer to your letter no 1-1/RC/Chem/19-20/S(P)-l Dt:18/08/2020 received through mail suggesting therein to purchase the Whole Genome Sequencing for Bovine under rate contract for the year 2019-20. In this regard, it is to inform that Whole Genome Sequencing for Bovines is not under rate contract hence the limited tender was invited under rule 162 of GFR which is also in accordance with the point no.21 of rate contract dated: 04/12/2019. Therefore, the query raised vide above referred letter is not correct.

However, we have withdrawn that tender notice and again inviting limited tender with revised specifications for Whole Genome Sequencing for Bovine as per rule 162 of GFR and instructions contained in the point no.21 of said rate contract which may please be e-published on CPPP and Institute website.

Yours faithfully,

Asst. Administrative Officer

Encl: - As above

Copy to
1. I/c computer centre, NDRI Karnal with the request to upload the enclosed Tender Notice on Institute website
2. PI, KLDA, SRS, NDRI Bangalore
LIMITED TENDERS NOTICE

Bids are invited on single stage two bid system for
"Whole genome sequencing for Bovine"

To,

Dear Sir,

On behalf of Director, ICAR-NDRI, Karnal, Quotations/tenders under Limited tender enquiry, are invited from the registered firms/their authorized dealer registered for the services mentioned below. The Quotations/bids duly sealed/signed & completed in all respect should be submitted latest **by 15-09-2020 at 3.00 PM and the Technical bid will be opened on the same day at 3.30 PM.** The incomplete Quotations/bids will be treated as rejected. The Quotations received after stipulated date & time will not be considered & rejected, and no correspondence in this regard will be entertained. In case, any holiday is declared by the Government on the day of opening, the tenders will be opened on the next working day at the same time.

1. **The Bidders may submit their Techno-Commercial bids and price bids separately in two covers indicating thereon clearly Technical Bids and Price (Financial) Bids.** No conditional bids shall be allowed/accepted. Bidders will have to submit copies of various documents required for their eligibility and all other documents as specified in NIT, techno-commercial bid in Cover-I, and price bid in Cover-II. **EMD (Demand draft/banker’s cheque/pay order) amounting Rs.12,500/- (Rs. Twelve thousand five hundred only) is to be submitted in original along with the Technical bids (Cover-I).** In case of exemption of EMD, the copy of the document in support of exemption will have to be submitted by the bidder during bid submission.

2. The firms are required to submit tender consisting of following documents:-
   - Technical Bid (Cover-I)
Earnest Money Deposit (EMD)/its exemption, if any.
Copy of Firm's registration under Companies Act/or any other Act, PAN Card, GST No. Tender acceptance letter
Copy of Income Tax Statement for the last one year.
Copy of all authentic documents regarding firm's turnover etc. during last three years.
Copy of User List/Purchase Orders of its satisfactory performance.
An undertaking stating that if the information/declaration/scanned documents furnished in respect of eligibility criteria are found to be wrong or misleading at any stage, the firm will be liable to punitive action.
All additional documents as per Clause 8 should also be submitted by the bidder.

Financial Bid (Cover-II)
Price Bid (Financial bid) needs to be quoted on the enclosed format of Price quotation (Annexure-1).

3. The Financial Bid of the Technically Qualified bidders only will be opened after short listing of techno-commercially acceptable bidder.

4. Description of the services required and quantity:

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Name of Work</th>
<th>Bid Security/EMD (Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>&quot;Whole genome sequencing for Bovine Sample&quot;</td>
<td>Rs. 12,500/- in favour of ICAR Unit –NDRI Payable at Bengaluru</td>
</tr>
</tbody>
</table>

ii) Guiding specification and other technical detail:

<table>
<thead>
<tr>
<th>Specification for the Work</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Whole genome sequencing for Bovine Sample&quot;</td>
<td>1 sample</td>
</tr>
</tbody>
</table>
Technical Specifications for Whole genome sequencing for Bovine

1. Whole genome sequencing using illumina platform with a total of 70x depth of coverage-paired end library - 40x Short inserts and Mate Pair - 30x with different constructs should be sequenced.
2. Generation of minimum of 210 GB/sample
3. Data analysis: Raw data QC, De novo assembly using best assembly programme and mapping with reference genome(ARS-UCD1.2, Bostaurus) and Design of graphs, Pie-Charts, Heat Map's and whatever appropriate for Data Presentation and variant calling should be provided.
4. Correlation of variants with hypothesis.
5. Storage of data on cloud
6. Development of cloud based automated pipeline for analysis, the access of which should be provided.

Note: Specifications should be clearly mentioned in the brochure in technical bid otherwise will not be considered.

5. Terms of delivery: All the data should be delivered in hard disk and storage of data or cloud at site, viz. ICAR-NDRI Stores, Southern Regional Station, Bengaluru, 560030.
   i. Execution period for work: Within 90 days from the date of issue of Purchase Order. In case the Purchase Order is placed to foreign supplier in foreign currency, delivery period will be not exceeding two months from the date of purchase order.
   ii. Terms of Inspection by the purchaser's representative: At ICAR-NDRI, Bengaluru, 560030 after Receipt of Supply of Goods.

6. Price structure:
   The ICAR Research Institutes are exempted from Excise and Customs Duties on Research Consumables, vide Notification No. 10/97-CE dated 1.3.1997 (as amended by 16/07-CE) and Notification No. 51/96-Customs respectively. However, for the ICAR Institutes to avail the aforesaid Duty Exemption benefits, the Prices are required to be quoted by Manufacturers preferably on Ex-Works basis, without including any Excise/Customs Duty component. Freight & Transit Insurance are required to be quoted extra, as per actuals, for insured transportation from Ex-Works to Destination.

7. Receipt of Goods & Terms of Payment:
   a. Payment term for the services:-
      Immediately on receiving the data at site, the purchaser will verify the quality of the data supplied as specified in the delivery challans of the supplier and issue a provisional receipt accordingly. Presence of Seller's representative at the time of supply is desirable for lodging objection, if any.
The purchaser, within three days of issue of the provisional receipt, will issue acceptance certificate (of the data) to supplier, provided the data supplied is technically acceptable in terms of the contract. The supplier will then send its invoice along with accompanying documents to the paying authority for payment. The paying authority will release the full payment to the supplier as due in terms of the contract, within seven working days of receipt of supplier’s invoice, provided the invoice and the accompanying documents are in order.

b. **Paying Authority:** The AFAO, ICAR-NDRI, Bengaluru– 560030.

c. **Liquidated Damage Clause:**

If any time during the performance of the contract, the supplier encounters conditions hindering timely delivery of the data, the supplier shall promptly inform the purchaser in writing the fact of the delay and the likely duration of the same.

After receipt of supplier’s communications, the purchaser shall decide as to whether to cancel the contract for the un-supplied portion after the existing delivery period, or to extend the delivery period suitably by issuing an amendment to the contract.

If the supplier fails to deliver the data and / or perform the services within the contractual delivery period for reasons other than circumstances beyond supplier’s control (which will be determined by the purchaser) and the purchaser extends the delivery period, the purchaser will also deduct from the contract price, as liquidated damage, a **sum equivalent to 0.5% (half per cent)** of the delivered price of the delayed data or unperformed services for each week of delay or part thereof until actual delivery or performance. The **maximum limit of such deduction will, however, be 10% (ten percent)** of the contract price of the delayed services.

Further, during such delayed period of supply and / or performance, the supplier shall not be entitled to any increase in price whatsoever on any ground. However, the purchaser shall be entitled to the benefit of any decrease in price and cost, on any ground, whatsoever, of the data & services, during the period of delay. The purchaser’s letter (to the seller with copies endorsed to other concerned) extending the delivery period will be subject to the above conditions.
d. **Dispute Resolution Mechanism:**
   If any dispute or difference of any kind arises between the purchaser and the supplier in connection with the contract, the parties shall make every effort to resolve the same amicably by mutual discussions. However, if the parties fail to resolve the disputes or differences by such mutual discussion **within 30 days**, either the purchaser or the supplier may give notice to the other party of its intention to refer the same to arbitration.
   The arbitration will be conducted by a sole arbitrator, who will be appointed by the Secretary, ICAR and the procedure to be followed in this respect will be as per the Indian Arbitration Act, 1996.
   The venue of the arbitration shall be the place (i.e. ICAR-NDRI, Bengaluru), from where the contract is issued.

e. In case of any Legal Dispute, the jurisdiction will be at **Bengaluru**.

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8. You are also required to fulfill the following conditions and also furnish the required details as indicated in subsequent paragraphs.
   a) At the time of awarding the contract, the purchaser reserves the right to increase or decrease up to 25%, the quantity of services as specified in the above requirement, without any change in the unit price or other terms & conditions.
   b) Please furnish a certified copy of your latest ITCC (Income Tax Clearance Certificate).
   c) Please indicate if you are registered with any Govt. organization; and, if registered, furnish all relevant details.
   d) Please state whether business dealings with you presently stand banned by any Government organization; and, if so, furnish relevant details.
   e) Bidders are advised that one bidder cannot represent two suppliers or quote on their behalf in a particular tender. Specifications mentioned in Firm's Brochure will only be acceptable.
   f) The supplier shall at all times indemnify the purchaser, at no cost to the purchaser, against all third party claims of infringement of patent, trademark of industrial design rights arising from the use of the services or any part thereof, with respect to the services quoted by the supplier in its offer.
   g) The quotation(s) as well as the contract shall be written in English language. All correspondence and other documents pertaining to the quotation(s) and the contract, which the parties exchange, shall also be written in English.
The quotation and all correspondence and documents relating to the quotation exchanged between the bidder and the purchaser may also be written in Hindi language, provided that the same is accompanied by an English translation, in which case, for the purpose of interpretation of the quotation, the English translation shall govern.

h) The contract shall be governed by the laws of India and the interpreted in accordance with such laws.

i) The quotation / offer shall remain valid for acceptance for a period not less than 90 days after the specified date of opening of the offer.

j) The Bidder quoting the Bid of foreign equipment on behalf of Foreign Manufacturer/Foreign Supplier, the Authorization Certificate from the Principal is essentially required and should be attached with the bid.

k) The bidder should submit the Certificate of Non-Blacklisting/ Not Banned/Temporarily suspended by any Govt. Deptt. / Organizations.

l) The SSI/MSEs Registered with NSIC are exempted from Tender Fees and EMD subject to submission of NSIC Registered with valid certificate with the items list. However no exemption would be given on performance security.

m) The EMD is essentially required from the bidders. The NSIC registered firm who quote their bid of foreign make on behalf of the Foreign Manufacturer/Principal supplier should also submit the EMD. In case the required EMD is not submitted by the bidders, their bid will not be considered and will be treated as rejected.

n) The Annual Maintenance Contract / Comprehensive Maintenance Contract, if required by the user later on, will be awarded separately. However, the bidders are required to quote the years wise rates for the requisite period in their bids.

o) Alternate/ conditions/ Optional bids will not be accepted.

p) **Important Note:** - The bidders who are interested to quote their bid in foreign currency should submit their rates on CIF/CIP, Bengaluru (Bangalore) (FOB+ Air Freight & Insurance charges) in the prescribed BOQ clearly. The bidder who did not reflect their CIP/CIF rates in particular column of BOQ, it will be assumed that their quoted rates are CIP/CIF, Bengaluru (Bangalore) and no further communication will be entertained with bidders.

q) Bidders should not be permitted to alter or modify their bids after expiry of the deadline for receipt of bids. However, any request of the bidder to add any document on later stage will not be accepted.

r) The firm may ensure that the specification of the quoted model should be clearly indicated in the submitted brochure and on the website of the firm. Just writing yes in technical compliance statement is not valid if the same specifications are not found in
brochure as well as website. If any specifications are not indicated in the brochure as well as on the website of the firm on the date of opening of the tender, this Institute has all right to reject the bid on the same basis and no further correspondence may be entertained.

s) All the MSME firms are eligible to get the benefit as per Govt. of India Guidelines.

9. Notwithstanding the above, the purchaser (Director, ICAR-NDRI, Karnal) reserves the right to accept or reject any quotation or annul the tendering process and reject all quotations at any time prior to award of the contract, without assigning any reason, whatsoever, and without incurring any liability or obligation, whatsoever, to the affected tenderer or tenderers.

NOTE:-All the participating bidders should be complying with GST provisions enacted by Govt. of India from the date of 1st July, 2017.

Asstt. Admin Officer
**FORMATE OF PRICE QUOTATION**

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Description of Data &amp; allied Services</th>
<th>Specification</th>
<th>Accounting Unit</th>
<th>Quoted Unit Price</th>
<th>Total Amount in Rs.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>As per description given in para-4</td>
<td>In Fig</td>
<td>In Words</td>
<td></td>
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</tbody>
</table>

Grand Total Cost: Rs.

**MANDATORY**

1. Vendor Name:
2. Vendor Type:
3. Address:
4. PAN No. (Mandatory in case TDS is deducted):
5. TAN No./TIN NO./SERVICE TAX NO./CST REGN NO/GST No:
6. Name of the Bank & Branch Name and address of bank branch:
7. Bank Account No.:
8. BIC (IFSC Code No.):
9. e-mail address:

We agree to supply the above data & allied services. We confirm that the same will meet the description & the specification & other technical details as required in the tender enquiry.

We also confirm that we agree to all other terms & conditions of your tender enquiry including the terms of delivery, period of delivery and warranty provision.

We have furnished all the information, as required in the tender enquiry and attached the relevant document (*in case tenderer desire to put some additional/ modified stipulation, terms & conditional etc. the same may be clearly indicated*).

We also confirm that our offer will remain valid for acceptance for **90** days after the date of opening of tenders.

(Signature, name and address of the authorizes executive of the tendering firm)
For and on behalf of................

(Name and address of the tendering firm).....................
(Seal of the tendering firm) Website Address: ..................
E-Mail Address:

Date:
Place: