TENDER DOCUMENT

# **WHOLE GENOME SEQUENCING OF SHEEP, THE UNIVERSITY OF AGRICULTURE, PESHAWAR.**

Tender Advertised on: 08-05-2019



For Queries/Information if any:

STORE OFFICER Dr. Sohail Ahmad

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TENDER FORM Price Rs.1500/-

# Subject: **WHOLE GENOME SEQUENCING OF 12 SHEEP, THE UNIVERSITY OF AGRICULTURE, PESHAWAR.**

Total tender cost Rs.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Earnest money @2% of tender cost: Rs.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Percentage to be deducted from the bill: Rs.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Time allowed for the completion of supply from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

the date of supply order:

Store Officer

The University of Agriculture

Peshawar

Issued to M/S.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

The sum of Rs.\_\_\_\_\_\_\_\_\_\_\_\_ is forwarded hereby vide call deposit No:\_\_\_\_\_\_\_\_\_\_\_\_dated\_\_\_\_\_\_\_\_\_\_\_ as earnest money, the full value of which is absolutely forfeited to the Vice Chancellor, The University of Agricultural Peshawar or his successor in his office, should I / we in any way default on the supply tendered for and which shall otherwise along with the percentage deducted as specified above be retained from my / our security deposit for the correct execution of the supply as per conditions of the contract.

I/We certify that I/ We have carefully read all the schedule of specifications and conditions of the contact carrying the work tendered for before tendering and hereby agree to abide by the terms and conditions.

 Signature of the Bidder

Dated\_\_\_\_\_\_\_\_\_\_\_\_\_

TERMS & CONDITIONS

Bidders are requested to read carefully the following terms and conditions and sign the Tender Form in token of having understood and accepted the same in all respects. They are also requested to submit the bid/bids complete in all respects. Tender without earnest money as per section 12of the KPPRA Rules will out-rightly be rejected.

1. GENERAL
* Conditional / incomplete tenders will not be accepted.
* The bidders must submit affidavit regarding Non-Black Listing/ Bankruptcy (confirming that bidder is not Blacklisted by any Government/Semi Government Organization nor any banking institution) along with their offer.
* In case of inferior/ below specification other than the specifications provided in tender document, the bid will stand rejected.
* All Government Taxes are applicable on bills.
* Any bids received after the prescribed date & time for submission of bids shall be returned un-opened to the bidder.
* Under section 47 of KPPPRA Rules, The University of Agriculture, Peshawar reserves the right to accept or reject all or any bid with valid reasons.
* Incomplete sequencing will be repeated, claiming no additional cost.
* No cutting/corrections or interpolation will be allowed in the tender.
* Bidder must mention the country/company of sequencing.
* Successful bidder shall be required to sign Contract Agreement with University as per KPPRA Rules.
* Quotations should be valid for at least 90 days from the date of tender opening.
* The bidders should be a firm / sole distributor/ authorized agent.
* The payment for equipment will be in two phases and will be subject to successful genome sequencing 20X raw data in FASTQ files.
* Telephonic/faxed/telegraphic quotations will not be entertained.

2. SCOPE OF SUPPLY

The bidder shall supply the items of the specifications as given in the attached Annexure. The bidder shall also be responsible for provision of data in raw data (FASTQ files)

3. CURRENCIES OF BIDAND

 The prices shall be quoted in Pakistani rupees or foreign currency both on FOR and/or CNF.

4. BID VALIDITY

The bid shall remain valid and open for acceptance for a period of 90 days from the specified date of opening.

5. BID BOND/ EARNEST MONEY

The Earnest Money (2% of the bidding prices as CDR) may be forfeited if a bidder withdraws his bid during the period of his bid validity or failed to provide the items.

6. SIGNING OF BIDS

The person signing the bid shall initial all the pages of the bid, where entries are made.

7. MODE OF PAYMENT

Payment shall be made in the form of cheque or LC, which shall be issued, after receipt of sequencing data in FASTQ files and data inspection.

8. STANDARD

Sequencing should of standard quality acceptable at international level (20X).

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Signature of bidder

SPECIFICATION OF SEQUENCING WHOLE GENOME SEQUENCING AT IBGE, THE UNIVERSITY OF AGRICULTURE, PESHAWAR

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| **Item**  | **Total Samples** | **Specification**  |
| Phase-1 | 12 samples representing land-race sheep breeds  | * Number of samples to be analyzed: 12 samples
* Genome sequencing: Animal-Whole genome sequencing depth 20 X
* Sample: gDNA High quality (>1.0ug (Conc.>50ng/ul, purity (A260/280)>1.7, Vol.>20ul)
* Library: Truseq DNA Library (350bp)
* Platform: Sequencing on Novaseq, 150bp PE, 20X coverage; 55Gb
* Dta type = Raw data (FASTQ files)
* TAT: 4-7 weeks after QC samples.
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| Phase-2 | 12 samples representing the remaining land-race sheep breeds | * Number of samples to be analyzed: 12 samples
* Genome sequencing: Animal-Whole genome sequencing depth 20 X
* Sample: gDNA High quality (>1.0ug (Conc.>50ng/ul, purity (A260/280)>1.7, Vol.>20ul)
* Library: Truseq DNA Library (350bp)
* Platform: Sequencing on Novaseq, 150bp PE, 20X coverage; 55Gb
* Dta type = Raw data (FASTQ files)
* TAT: 4-7 weeks after QC samples.
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Signature of bidder