



Adventist Development and Relief Agency (ADRA) Nepal

BIDDING DOCUMENT

Issued on 26 March 2025

for

Supply and Delivery of Murrah Semen

D1-093/2024/025

Name of Bidder: _____

Address: _____

Signature & Firm's Seal: _____

Submitted to:

Adventist Development and Relief Agency (ADRA) Nepal

Bakhundole, Maitrimarg, Lalitpur

Abbreviations

| | |
|------------|---------------------------------------|
| BF | Bidding Forms |
| BDS | Bid Data Sheet |
| BOQ | Bill of Quantities |
| COF | Contract Forms |
| DLS..... | Department of Livestock Service |
| DP..... | Development Partners |
| EBV..... | Estimated Breeding Value |
| EQC..... | Evaluation and Qualification Criteria |
| GCC | General Conditions of Contract |
| GoN..... | Government of Nepal |
| ITB..... | Instruction to Bid |
| IFB..... | Invitation for Bids |
| PAN..... | Permanent Account Number |
| PPMO | Public Procurement Monitoring Office |
| SCC | Special Conditions of Contract |
| SR..... | Schedule of Requirement |
| TS..... | Technical Specifications |
| VAT | Value Added Tax |

Table of Contents

| | |
|---|-----------|
| Abbreviations..... | 2 |
| Invitation for Tender | 4 |
| Section I – Instruction to Bidders | 5 |
| Section II: Bid Data Sheet | 7 |
| Section III: Evaluation and Qualification Criteria | 8 |
| A. Evaluation Criteria | 8 |
| B. Qualification Criteria | 8 |
| C.Criteria for bid evaluation shall be on the basis of:..... | 8 |
| Section IV: Bidding Forms | 9 |
| A. Letter of Bid (Bid Submission Form)..... | 9 |
| B. Bidder's Information Form | 10 |
| C. Average Annual Turnover Form | 11 |
| D. Spec-1: Bidder's proposed Specification Form..... | 12 |
| E. Del-1: Bidder's proposed Delivery Date Form | 12 |
| F. Price Schedule for Goods Form | 13 |
| G. Company/Manufacturer's Authorization Letter | 14 |
| Section V. Schedule of Requirements..... | 15 |
| Section VI. Technical Specification | 16 |

Invitation for Tender

for

'Supply and Delivery of Murrah Semen'

Bid Ref #: **D1#093/2024/025**

Date of publication: 26 March 2025

Adventist Development and Relief Agency (ADRA), the global humanitarian organization of the Seventh-day Adventist Church, is dedicated to delivering relief and development support to individuals in more than 120 countries – regardless of their ethnicity, political affiliation, gender, or religious association. By partnering with local communities, organizations, and governments, we ensure our programs are culturally appropriate and empower local capacities for sustainable change. In Nepal, ADRA has been a trusted development partner for over 35 years, with expertise in health, livelihoods, education, and disaster risk management.

ADRA Nepal has been implementing the The Enhanced Rural AI (TERAI) project with the financial support of Jersey Overseas AID, in partnership with IRDC and FORWARD Nepal at Rupandehi and Kapilvastu districts. The Project has been implemented in coordination and collaboration with Department of Livestock Services, Agriculture and Forestry University (AFU) and Nepal Agricultural Research Council (NARC). The main objective of the project is to reduce poverty and improve livelihood of small holder farmers through increased income and resilience. As part of its breed development, ADRA Nepal invites sealed bid from qualified suppliers for Supply and Delivery of Murrah Semen to The Enhanced Rural AI (TERAI) project for smallholder Dairy Farmers in Kapilvastu and Rupandehi.

A complete set of Bidding Document may be obtained from ADRA Nepal website Get Involve section –

Link: [Bidding Document](#)

Eligible suppliers can submit their tender within by the extended deadline 28 April 2025.

1. Interested and eligible vendors are requested to apply for the call with the required set of documents as mentioned on Bid call with subject title **"Supply and Delivery of Murrah Semen"** and should be submitted to ADRA Nepal, Lalitpur-01, Maitri Marg Bakhundole, Nepal **OR** via email to tenders@adranepal.org, until 15 April 2025 by 5:00 PM. (Extended deadline 28 April 2025, 5:00 PM)
2. Deadline for request for any clarifications if any via email by vendors by 25 April 2025.
3. Sealed Bids should be valid for a period of 90 days and must be accompanied by all required documents.
4. Information by the bidder, which is either incomplete or unclear or not substantiated by supporting documents shall not be considered for further evaluation.
5. Bid received after deadline shall not be considered for further evaluation.
6. In the case of discrepancies or error in bid documents, bid notice or any other documents, ADRA Nepal reserves the right to accept or deny or amend and correct at any time. The figure for the bid amount must be clear if any discrepancy may occur then the figure written in word is valid.
7. ADRA Nepal reserves the right to accept or reject, whole or partly, any or all the bids without stating any reason whatsoever.
8. ADRA Nepal reserves the right to open the bid without the presence of the bidder's representative, but the result will be published in **Notice Board of ADRA NEPAL Office**.
9. For further information please contact:

Address:

Adventist Development and Relief Agency (ADRA Nepal)
Lalitpur-01, Maitri Marg Bakhundole, Nepal
Phone: Tel No.: +977 (1) 5455913/14
Email: procurement@adranepal.org

Section I – Instruction to Bidders

1.1 Scope of Bid: ADRA Nepal issues this Bidding Document for the supply and delivery of Murrah Semen and delivery point is National Livestock Breeding Office, (NLBO) Pokhara.

1.2 Fraud and Corruption: Anticorruption related laws and policies require that project's officials (including beneficiaries of funds), as well as bidders, suppliers, and contractors and their sub-contractors under ADRA Nepal financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. Any dispute in policy and government anti-corruption law are considered as offensive action and crime. In pursuance of the policy, this bidding document;

- will reject bid(s) if it determines that the bidder has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for the contract in question;
- will sanction a firm or individual, including declaring ineligible, for a stated period of time, to be awarded by ADRA Nepal financed contract if it at any time determines that the firm has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices in competing for, or in executing, this bidding.

The Bidder shall not carry out or cause to carry out the following acts with an intention to influence the implementation of the procurement process or the procurement agreement:

- I. give or propose improper inducement directly or indirectly,
- II. distortion or misrepresentation of facts,
- III. engaging in corrupt or fraudulent practice or involving in such act,
- IV. interference in participation of other competing bidders,
- V. coercion or threatening directly or indirectly to cause harm to the person or the property of any person to be involved in the procurement process,
- VI. collusive practice among bidders before or after submission of bids for distribution of works among bidders or fixing artificial/uncompetitive bid price with an intention to deprive the Employer the benefit of open competitive bid price,
- VII. contacting the Employer with an intention to influence the Employer with regards to the bids or interference of any kind in examination and evaluation of the bids during the period from the time of opening of the bids until the notification of award of contract.

1.3 Eligible Bidders: This Invitation for Bids is open to eligible Bidders who are registered in Nepal as private business entity/firm/company and can supply the above required items. A Bidder shall not have a conflict of interest. A Bidder that is under a declaration of ineligibility by ADRA Nepal, at the date of the deadline for bid submission, shall be disqualified. Bidders shall provide such evidence of their continued eligibility satisfactory to the ADRA Nepal, as ADRA Nepal shall reasonably request. Bidder who has obtained Permanent Account Number (PAN) or Value Added Tax (VAT) registration certificate(s) and Latest Tax clearance certificate FY 2080/81 along with the Audit Report and audited financial statement of latest 3 years, firm registration and renewable shall only be eligible. Each bidder shall submit only one bid/quotation, A bidder who submits more than one bid/quotation shall cause all the quotations with the bidder's participation to be disqualified. The bidder shall bear all costs associated with the preparation and submission of the bids/quotation and ADRA Nepal shall in no case be liable for those costs.

1.4 Eligible Goods and Related Services: Supply and Delivery of Murrah Semen to be supplied under the contract are eligible, unless their origin is from a country specified in the Bid Documents. The quality of the goods and related services should be met as per technical specification, which will be standard as far as possible. ADRA Nepal will have sole right to inspect and evaluate quality of goods.

1.5 Documents Comprising the Bid : The bid by the bidder shall comprise the following:

- a) Letter of bid, b) Written confirmation authorizing the signatory of the bid to commit the bidder,
- c) Documentary evidence of establishing the bidder's eligibility, d) Delivery schedule of requirements, ,
- e) Any other document required given in the bid document.

The bidder is solely responsible for the authenticity of the submitted documents

1.6 Bid Prices and Discounts : The bidder shall complete the appropriate price schedule/bill of quantities (BoQ) and the sources of goods included herein, stating the unit prices, total cost per item, and the total bid amount under the contract.

If the Bidder intends to offer any unconditional discount, it shall always be expressed at a fixed percentage. The currency of the Bid and payment shall be in Nepalese Rupees.

1.7 Bid Opening: ADRA Nepal shall open the bids at the place and time specified in the tender without the presence of the bidder's representatives. Bidders will not be invited during the opening of Bids due to no formal evaluation of bids will be carried out.

1.8 Confidentiality: Information relating to the examination, evaluation, comparison, and post qualification of Bids, and recommendation of Contract Award, shall not be disclosed to Bidders or any other persons not officially concerned with such process until information on Contract Award is communicated to all Bidders.

Any attempt by a Bidder to influence ADRA Nepal in the evaluation of the Bids or Contract Award decisions may result in the rejection of its Bid.

1.9 Clarification of Bids: To assist in the examination, evaluation, and comparison of the Bids, ADRA Nepal may, at its discretion, ask any Bidder for a clarification of its Bid. Any clarification submitted by a Bidder that is not in response to a request by ADRA Nepal shall not be considered. ADRA Nepal's request for clarification and the response shall be in writing. No change in the prices or substance of the Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by ADRA Nepal in the evaluation of the Bids.

If a Bidder does not provide clarifications of its Bid by the date and time set in ADRA Nepal's request for clarification, its Bid may be rejected.

1.10 ADRA's Right to Accept Any Bid, and to Reject Any or All Bids : ADRA Nepal reserves the right to accept or reject any Bid, and to annul the Bidding process and reject all Bids at any time prior to Contract Award, without assigning any reasons whatsoever and without thereby incurring any liability to Bidders. In case of annulment, all Bids submitted shall be promptly returned to the Bidders.

1.11 Notification of Award: ADRA Nepal shall notify the concerned Bidder whose Bid has been selected.

1.12 Advance Payment : Advance Payment shall be made according to the Contract Between ADRA Nepal and the Bidder in mutual agreement.

Section II: Bid Data Sheet

| A. General | |
|-----------------------------------|--|
| A.1 | <p>Bidder's Eligibility Requirement:</p> <ul style="list-style-type: none"> (a) Up to date Firm/Company Registration Certificate (b) VAT and PAN Registration Certificates (c) Latest Tax Clearance Certificate (d) Business registration certificate/License (if required) (e) A written declaration made by the Bidder stating that the Bidder is not ineligible to participate in the Bid; has no conflict of interest in the proposed bid procurement proceedings and has not been punished for the profession or business-related offence. (f) Previous work experience of similar nature in 3 years (g) Latest 3 reference letter of experience |
| B. Bidding Document | |
| B.1 | <p>For bid related inquiries & clarification purposes only, ADRA Nepal's address is: procurement@adranepal.org, Tel. No.: +977 (1) 5455913/14</p> |
| C. Preparation of Bids | |
| C.1 | The language of the Bid is: English |
| C.2 | The Bid validity period shall be: ninety (90) days |
| C.3 | In addition to the original of the Bid. The inner envelope shall duly be marked as Original , Not Applicable for E-bids |
| C.4 | In written confirmation of authorization to sign on behalf of the Bidder shall indicate: The name and description of the document are required to demonstrate the authority of the signature to sign the Bid such as Power of Attorney. |
| D. Submission and Opening of Bids | |
| D.1 | Bidders shall have the option of submitting their Bids. option: "by hand or by email" |
| D.2 | <p><u>Bid Submission Address:</u> ADRA Nepal, Bakhundole-01, Maitri Marg, Lalitpur OR via email at tenders@adranepal.org Please specify the subject line as "Supply and Delivery of Murrah Semen" <u>The deadline for Bid submission is:</u> Date: 15 April 2025 , Extended deadline 28 April 2025</p> |
| D.3 | <p>The Bid opening shall take place at: ADRA Nepal office, Bakhundole-1, Maitri Marg, Lalitpur Date: As mentioned in the IFB/tender notice Time: As mentioned in the IFB/tender notice</p> |

Section III: Evaluation and Qualification Criteria

This Section contains all the criteria that ADRA Nepal shall use to evaluate Bids and eligible Bidders. ADRA Nepal requires Bidders to be qualified by meeting predefined eligibility criteria. The Bidder shall provide all the information requested in the forms included in Section IV (Bidding Forms) and Section V (Schedule of Requirements).

A. Evaluation Criteria

Bids shall be considered not eligible for the bidding process, if;

- a) *The bid is not submitted in the required format as outlined in the bid documents.*
- b) *The bid is not sealed if hard copies are submitted or must send to tenders@adranepal.org.*
- c) *The Bid Form is not fully completed and signed within the submitted bid The Bidder has not attached their signed and stamped documents with the bid. The bid is submitted after the specified deadline for submission. The bid does not comply with the instructions as specified in the Invitation for Bid and Notice published.*
- d) *Terms of payment and Destination of works or delivery of the goods supplied are different from those specified in the Bid Document.*
- e) *All prices quoted are either not firm or conditional or not valid for the period specified in the Bid Document.*
- f) *There is a major deviation in the specification of goods, commodities, equipment, and works proposed by the Bidder compared to the technical specifications and schedule of requirements.*

B. Qualification Criteria

- g) *The Bidder shall furnish, as part of its bid, documents establishing eligibility and conformity to the Bidding Document of Supply of Murrah semen which the Bidder proposes to complete under the contract.*
- h) *Murrah semen that is offered shall be of the latest production and standard quality as per specification (Section H: Technical Specification below)*
- i) *The Bidder is required to state clearly the specifications of their proposed Murrah semen, if any. Compliance with or variation from ADRA Nepal's requirement of the technical specifications shall be duly filled in and signed in the remarks column by relevant Technical Catalogues/ Leaflets.*
- j) *Bidder should have a technical assurance to maintain standard quality during supply and delivery of semen.*
- k) *The Bidder shall have a minimum of last three (3) years overall experience in the supply of Goods.*
- l) *The Bidder shall have a minimum of one (1) year specific experience in the supply of related goods and related services of nature, quantity and of contract amount to government enterprises, public or private institutions within the last 3 years*
- m) *The bidder shall furnish a list of users who have purchased similar goods in the last 3 years, and the number of equipment sold to them, the contract amount. This will be used as a reference to check the performance of the goods offered, if necessary.*
- n) *The average annual turnover during the last 3 years should be at least NRs 3 Million.*
- o) *The audited Financial Statement of the last three years should be attached with the bid.*

C. Criteria for bid evaluation shall be on the basis of:

- b) *Technical Specification,*
- c) *Item's quoted rates.*
- d) *Experience of Bidder working for Development Organization/s specifically supply of Murrah semen*

Section IV: Bidding Forms

This Section contains the forms which are to be completed by the Bidder and submitted as part of its Bid.

A. Letter of Bid (Bid Submission Form)

The Bidder must submit the Letter of Bid in its letterhead clearly showing the Bidder's complete name and address.

Date:

Bid Subject:

Bid Ref # :

To:

We, the undersigned, declare that:

- (a) We offer to execute in conformity with the Bidding Document in the following:
.....
.....;
- (b) The total price of our Bid, excluding any discounts offered in item (d) below is:
NRs.; or when left blank is the Bid Price indicated in the Price Schedule.
- (c) The discounts offered are:
- (d) Our Bid shall be valid for a period of 90 days from the date fixed for the Bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (e) We, including any Bidder for any part of the contract, do not have any conflict of interest in accordance with BDS;
- (f) We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Document;
- (g) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed;
- (h) We understand that you are not bound to accept the lowest evaluated Bid or any other Bid that you may receive;
- (i) We declare that, we have not been blacklisted and no conflict of interest in the proposed procurement proceedings and we have not been punished for an offense relating to the concerned profession or business;
- (j) If awarded the contract, the person named below shall act as Bidder's Representative;
- (k) We agree to permit the ADRA Nepal or its representative to inspect our accounts and records and other documents relating to the Bid submission.

Name:

In the Capacity of:

Signed:

Duly authorized to sign the Bid for and on behalf of:

Date:

B. Bidder's Information Form

[The Bidder shall fill in this Form. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date:[insert date (as day, month and year) of Bid Submission]

| Bidder's Information | |
|---|--|
| Bidder's legal name | |
| Bidder's Address | |
| Bidder's country of Registration | |
| Bidder's year of Registration | |
| Bidder's legal address in country of Registration | |
| Bidder's authorized representative: Name: Address: Telephone numbers: Fax numbers: E-mail address: | |
| Bidder's Telephone/Fax numbers: | |
| Bidder's Email Address: | |
| Attached are copies of the following original documents. | |
| <ol style="list-style-type: none"> 1. Firm/Company Registration Certificate 2. VAT and PAN Registration Certificates 3. Latest Tax Clearance Certificate 4. Business registration certificate/License (if required) 5. Latest 3 reference letter of experience 6. Business License (if required) 7. Recent 3 years financial reports | |

C. Average Annual Turnover Form

The information supplied should be the Annual Turnover of the Bidder in terms of the amounts billed to clients for each year for work in progress or completed to NRs at the end of the period reported.

| Annual Turnover Data for the Last 3 Years | |
|--|-------------------------|
| Year | Amount (in NRs.) |
| Year 1: FY 2078/79 | |
| Year 2: FY 2079/80 | |
| Year 3: FY 2080/81 | |
| Average Annual Turnover | |

Note: Bidder may submit the balance sheet reports of last 3 consecutive years and waive to fill up the information in the above section.

D. Spec-1: Bidder's proposed Specification Form

The bidder shall fill this form to provide the information on technical specifications and standards of offered goods. Bidder's Proposed Technical Specifications and Standards in column 4 shall comply with the Purchaser Requirement (Specifications and standards) specified by the Purchaser in the Schedule of Requirements.

| Item No. | Name of Goods or Related service | Country of Origin and Brand | Bidder's Proposed Technical Specification (TS) and Standards | Reference page/no. / Protocol/Certificate/Catalogue page/no. | Status of compliance ³ |
|-------------------|----------------------------------|---|--|--|-----------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| [insert item No.] | [insert name] | [insert country of Origin and Breed name] | [insert TS and Standards] | [insert reference page/no. / Protocol/Certificate/Catalogue page / catalogue page or no. if any] | [insert status] |
| | | | | | |
| | | | | | |

E. Del-1: Bidder's proposed Delivery Date Form

The bidder shall fill this form to provide the information on delivery date of offered goods. Bidder's offered delivery date in column 4 shall comply with the Purchaser Requirement (Delivery and Completion Schedule) specified by the Purchaser in the Schedule of Requirements.

| Line Item No. | Description of Goods | Quantity | Physical unit | Final Destination as specified in BDS | Bidder's offered Delivery date [to be provided by the bidder] |
|------------------|-------------------------------|--|---|---------------------------------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 |
| [insert item No] | [insert description of Goods] | [insert quantity of item to be supplied] | [insert physical unit for the quantity] | [insert place of delivery] | [insert the number of days following the date of effectiveness the Contract] |
| | | | | | |
| | | | | | |

Note: The date of effectiveness of contract shall be as of signing the contract

F. Price Schedule for Goods Form

The Bidder shall fill in these Price Schedule Forms in accordance with the instructions indicated. The list of line items in column 1 of the Price Schedules shall coincide with the List of Goods and Related Services specified by the Purchaser in the Schedule of Requirements.

| Item | Description | Country of Origin | Quantity | Unit price (in NRs) | | Total price in NRs. (4x5) provided by the bidder] |
|------------------|-------------------------------|----------------------------|---------------------------------|-------------------------------|------------------------------|---|
| | | | | In Figure | In Words | |
| 1 | 2 | 3 | 4 | 5 | | 4*5=6 |
| [insert item No] | [insert description of Goods] | [insert country of origin] | [insert total quantity of good] | [insert unit price in figure] | [insert unit price in words] | [insert total cost of good] |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | Total | |
| | | | | | VAT | |
| | | | | | Grand Total | |

The total bid Price for the above schedule is (In Words)

Notes:

1. In case of discrepancy between unit price and total, the unit price shall prevail.
2. In case of discrepancy between unit price in figure and unit price in words the unit price in words shall prevail
3. The price shall include all costs; transportation, insurance and other taxes associated with goods, components and raw material used in the production, manufacture or assembly of the item or the customs duties and sales and other taxes paid on the previously imported item offered ex warehouse, ex showroom, or off-the-shelf. These factors should not be entered separately; However, please specify the custom duty % applied.

G. Company/Manufacturer's Authorization Letter

[This letter of authorization should be on the letterhead of the company/manufacturer and should be signed by the person with the proper authority to sign documents that are binding from company/manufacturer]

Date: [insert date of Bid Submission]

Bid No.: [insert number]

To: [insert complete name and address of Purchaser]

WHEREAS [insert complete name of company or Manufacturer's authorized agent] who are official company/manufacturers of [insert type of goods manufactured] having factories at [insert full address of company/Manufacturer's factories], do hereby authorize [insert complete name of Bidder] exclusively to submit a Bid in relation to the Invitation for Bids indicated above, the purpose of which is to provide the following Goods, produced/manufactured by us [insert name and/or brief description of the goods] and to subsequently sign the Contract.

We hereby extend our full guarantee and warranty in accordance with Clause 27 of the General Conditions of Contract, with respect to the Goods offered by the above company/firm.

Name: [insert complete name of person signing the Authorization]

In the capacity of: [insert legal capacity of person signing the Authorization]

Signed: [insert signature of person whose name and capacity are shown above]

Duly authorized to sign the Authorization for and on behalf of: [insert complete name of

company/Manufacture] Date: [insert date of signing]

Section V. Schedule of Requirements

The Schedule of Requirements shall be included in the Bidding Documents by the Purchaser and shall cover, at a minimum, a description of the Goods and Related Services to be supplied and the Delivery Schedules. The objective of the Schedule of requirements is to provide sufficient information to enable Bidders to prepare their Bids efficiently and accurately, in particular, the Price Schedule, for which a form is provided in Section IV.

1. List of Goods and Related Services

The purpose of the List of Goods and Related Services (LGRS) is to briefly describe and specify the quantities of each of the Goods and Related Services that the Purchaser requires the Bidder to include in its Bid. As a part of the SR, the LGRS constitutes a Contract document and, therefore, it is a part of the Contract. The Purchaser must prepare the LGRS and include it as a part of the SR.

| Bid # No: D1-093/2024/025 | | | | |
|--|-------------------------------------|---------------------------------|---------------------|----------|
| Contract Name: Supply and Delivery of Murrah semen | | | | |
| Item No. | Name of Goods or Related | Description | Unit of Measurement | Quantity |
| 1 | Supply and delivery of Murrah semen | As per Technical Specifications | Straw | 7500 |
| | | | | |

2. Delivery and Completion Schedule

Delivery shall take place in compliance with the dates, duration, and locations indicated below:

| Line Item No | Description of Goods | Quantity | Physical unit | Final Destination as specified in BDS | Delivery Date | | |
|--------------|-------------------------------------|----------|---------------|---------------------------------------|--|-----------------------------------|---|
| | | | | | Earliest Delivery Date | Final Delivery Date | Bidder's offered Delivery date [to be provided by the bidder] |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Supply and delivery of Murrah semen | 7500 | Straw | NLBO Pokhara, Kaski, | Any time earlier of Acceptable Delivery date | 40 days from the Contract signing | |
| | | | | | | | |

Section VI. Technical Specification

The scope covers the supply and delivery of Murrah semen

D) Frozen semen of Murrah buffalo bull

a) Productivity and pedigree records of test sires Murrah buffalo

| Particular | Requirement | Bidder's offered specification |
|--|--|--------------------------------|
| Breed and semen doses needed | Murrah, (test bull) as per the need | |
| Country of origin | India | |
| Source of semen and sire line relationship | From at least 5-10 individual sires that must not be full brothers and half-brothers (priority will be given, who provide more different sire lines) | |
| Estimated Breeding Value (EBV) | <ul style="list-style-type: none"> Specify the EBV for each bull and Submit the list of available proven sire in the country, if available <p>EBV should consider: Milk yield (>4700 kg/lactation), protein (4-5%), fat (>7.5%) and other traits like calving interval (<18 months), mastitis resistance and calving ease.</p> | |
| Sire's date of birth | Not before February 2015 | |
| Sire's sire number | Required for records | |
| Sire's dam number and her lactation yield | | |
| Sire's dam's sire number | | |
| Sire's dam's dam number and lactation yield | | |
| Sire's sire's sire number | | |
| Sire's sire's dam number and her lactation yield | | |

a) Seminal parameters for buffalo semen

| Parameters | Requirements | Bidder's offered specification |
|---|---|--------------------------------|
| Semen volume/straw | 0.25 or 0.5 ml (leak proof, machine sealed) | |
| Post thawing motility | More than 55% | |
| Color of the straw | Preferably white or clear | |
| Total sperm count/straw | More than 20 million (with at least 10 million motile sperms/straw) | |
| Abnormal spermatozoa | <20% | |
| Conception rate | Mention expected conception rate under ideal conditions | |
| Live and dead cell count, viability and motility proof document must be presented | | |
| Disease free certificate must be included | | |

A certificate must be produced ensuring the semen is free from all infectious diseases potentially transmissible from frozen semen. Some of the most important diseases specified in Nepal Animal Health and Livestock Services Act B. S. 2055 (1998) that pertain to this consignment are: Rinderpest, BSE, FMD (all serotypes), Infectious Bovine Rhinotracheitis, CBPP, Brucellosis, Campylobacteriosis, Tuberculosis, Trichomoniasis, Malignant catarrhal fever, Leptospirosis, Listeriosis, etc.

Supporting documents:

The Animal Quarantine Office at custom point on arrival of the consignment will examine:

- An import permit for frozen semen issued from Department of Livestock Services (DLS),
- The laboratory concerned issues the certificate of such parameters based on different tests and equipment (Computer assisted semen analysis, flow cytometer techniques etc.). The importer must accompany the documents of standard operating procedure for quality control and report of concerned laboratory to guarantee the above-mentioned standard of semen quality parameters at National Livestock Breeding Office (NLBO) Pokhara.

Note: The bidder shall mention clause by clause comment of the required specification. The bidder shall state:

- a. "FULLY COMPLIANT" if the item offered fully meets the tender requirement.
- b. "PARTIALLY COMPLIANT" if the offered item meets the requirement partially. The bidder shall state the reason why the offer is partially compliant. In such cases, the bidder shall clearly mention the extent to which other specifications are offered.
- c. "NON-COMPLIANT" if the item cannot meet the requirements. The bidder shall also state reasons for it. The major items are indicated by bold and highlighted letters/alphabets/figures in the technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid offered.

Contract Agreement

(Note: Separate ADRA Nepal Standard Agreement will be made upon mutual understanding on the base of scope of work)