

DEPUTY DIRECTOR VETERINARY SERVICES
DISTRICT-DHAMTARI (C.G.)

TENDER DOCUMENT

FOR SUPPLY OF INSTRUMENTS/EQUIPMENTS FOR YEAR 20011 -12 --

- Issued to M/s
 - Price of tender document Rupees (500/- Five Hundred
only)
 - Price received :.....
 - Receipt No. /Date
-

Signature and designation of issuing officer

.....

Deputy Director Veterinary Services
DISTRICT-DHAMTARI (C.G.)

TABLE OF CONTENTS

S.No.	Particulars	Page no.
1	Check list	
2	Section A : Tender supply letter	
3	Section B : Tender notice	
4	Section C : Information & instructions for bidders	
5	Section D : Tender terms & conditions	
6	Section E : Technical proposal & content	
7	Section F : Financial proposal & content	
7.1	Annexure 1	
7.2	Annexure 2	
7.3	Annexure 3	
8	Specimen 1 : Covering letter	
9	Specimen 2 : General information about bidder	
10	Specimen 3 : Agreement bond	
11	Specimen 4 : Performance statement	
12	Specimen 5 : Acceptance of terms & conditions	
13	Specimen 6 : Details of persons who are working with the contractor who have relatives of any Gazetted officers of Veterinary Deptt. of CG	
14	Specimen 7 : Details of manufacturer & authorized dealer	
15	Specimen 8 : Name , Model/Make, Specifications of items quoted	
16	Specimen 9 : List of samples submitted	

CHECK LIST

Sr. No.	Name of Documents	Page No.	Yes	No
1	2	3	4	5
A	Technical proposal (Envelop)			
1	Specimen 1 to 9 (documents as per format)			
2	Security Money Deposit in the form of BD of any scheduled Bank			
3	Duly attested photocopy of manufacturing License			
4	Annual turnover of Statement for 3 Year by Sales Tax authorities/ Chartered Accountant			
5	Valid Import license/Import Export code no. issued by competent authority			
6	Valid sales Tax Certificates			
7	SSI/Govt undertaking unit registration (If required)			
8	Incorporation certificate (If required)			
9	Authority letter issued to Agents through which manufacturers wish to supply the items.			
10	Authorization certificate issued by manufacturer of the item, if Authorized dealer is quoting.			
11	Tender Form duly signed by authorized person			
B	Financial Proposal (Envelop)			
1	Annexure 1			
2	Annexure 2			
3	Annexure 3			

Section A: Tender Supply Letter

**Office of the Deputy Director Veterinary Services
District-Dhamtari(C.G.)**

No...../Tender/ Store / 2011 – 12 / Dhamtari , Date.....

To,

M/s.....
.....
.....
.....

Subject: - Tender for supply of Instruments/Equipments for Year 2011 -12

Ref : - Your Letter No Date.....

Please find herewith-enclosed tender form along with agreement bond, terms and condition of contract, list of products.

Last date of Submission of tender is **13 September 2011 (3.00 pm)** and will be opened on the is **13 September 2011 (4.00 pm)** in the office of undersigned.

The tender will be received at Office of the **under signed**.

Encl: - Pages only.

**Deputy Director
Veterinary Services
District-Dhamtari(C.G.)**

Section B: Tender Notice

Deputy Director Veterinary Services, District-Dhamtari (C.G.) (herein after referred to as Purchaser) invites Sealed tender for the supply of Veterinary Instrument and Equipment from Manufacturer/ Authorized dealer (herein after referred to as “Bidder” or “Contractor”).

The Tender form can be obtained from the Purchaser on producing application & payment of Rs. 500/- (Five Hundred) cash or by Bank draft (non refundable) of any scheduled bank in favour of **Deputy Director Veterinary Services, District-Dhamtari (C.G.)** and submitted along with the required bank draft of Rs. 500/- mentioning as above with technical proposals (Technical bid envelop).

All interested manufacturers/ authorized dealer are required to submit their technical proposal and financial proposals in two separate envelopes. The technical proposals will be accompanied with Security Deposit (SD) amount as specified in this tender document elsewhere. The SD should be included in the same envelope containing the Technical Proposal. The technical and financial proposals along with SD must be delivered to the **Deputy Director Veterinary Services, District-Dhamtari (C.G.)** on or before the due date for submission of proposals mentioned elsewhere in the Tender document.

The envelope containing Technical proposal along with the SD will be opened on the specified date and time in presence the Purchase committee and in presence of bidders or their authorized representatives who choose to attend.

The summary of various activities with regard to this Invitation of bids are as given below

1	Date of commencement of Sale of tender Document	From the Date of Notice Publication
2	Last Date of Sale of Tender Document	12 September 2011 till
3	Last Date and Time for Submission of Proposals	13 September 2011 up to 3.00 p.m
4	Date and Time of Opening of Technical Proposals	13 September 2011 at 4.00 p.m.
5	Security Deposit	3% of Budgetary Estimate of each quoted items as given in Annexure 1 of this tender document, in the form of Bank Draft from scheduled bank and as per terms mentioned elsewhere in the document. The Purchaser will not be liable to pay any interest on such SD amount. Cash or Cheques or any other mode will not be accepted..

Section C: Information and Instructions for Bidders

Submission of Proposal

The eligible manufacturers/ authorized dealers also referred to as “bidders” should submit their proposals in the format and content provided in Section E: Technical Proposal and Content and Section F: Financial Proposal and Content.

Technical proposal shall be placed in separate envelop clearly marked as “Technical Proposal” - For Supply of **of Instruments/Equipments for Year 2011 -12** along with SD. The Tender Form Fee for those applicants who have downloaded the form online need to be submitted in form of Bank draft favoring **Deputy Director Veterinary Services, District-Dhamtari (C.G.)**, which should be kept inside of Technical bid envelop.

Financial Proposal shall be placed in separate envelopes clearly marked “Financial Proposal – For Supply of **Instruments/Equipments for Year 2011 -12** . Both Technical and Financial Proposal shall be kept in an outer envelope clearly marked “tender for the supply of **Instruments/Equipments for Year 2011 -12** ” . The outer envelope should also bear the submission address, name of the bidder and contact details.

The tenderer should apply in the enclosed format only. The same on acceptance will constitute the contract in terms specified there in. All/Any conditional tenders are liable to be rejected.

The filled Tender or Proposal should reach **Deputy Director Veterinary Services, District-Dhamtari (C.G.)** according to the last date and time for submission given in Section B: “Tender notice” however, purchaser may at its discretion extend the said deadline for submission of the proposal by amending the tender notice. Any proposal received late i.e. after the stipulated date and time will be rejected.

Validity of Proposal

The tender terms and conditions including financial rate contracts agreed upon with the successful bidder shall be valid up to ONE YEAR. The rate contract period may, however, be extended for a further period on mutually agreed terms on the discretion of the Purchaser for a maximum period of three months. Any contract mentioning otherwise validity period will not be considered.

Language and Currency of Proposal

All the enclosed documents shall be in English or Hindi, if any document is produced in any language other than English or Hindi, true translation copies of such documents in English shall be enclosed duly attested by a Gazetted officer. Failure to submit English translation of such documents shall make tender invalid.

Further the price quoted in the Proposals shall only be in Indian Rupees.

Tendering Cost

The prospective manufacturers/ authorized dealer shall bear all costs associated with tendering process with respect to preparation and submission of proposals. The Purchaser shall not be responsible or liable for any of these costs regardless of conduct or outcome of this tender process. It may be noted that none of the tender related costs related to preparation and submission and other incidentals costs if any are reimbursable

Risk of Proposal Rejection

Any proposal application which is incomplete from any respect i.e. not fulfilling any of the requirements of Section E: Technical Proposal or Section F: Financial Proposal or any other clause, conditions in the tender document shall be liable for rejection. Further any Illegible and over writing, cutting etc. in the rates filled in financial bid will make the proposal also liable for rejection.

Changes in Tender Document

Purchaser may at any time prior to the deadline for submission of bids, for any reasons, whether on its own initiative or in response to the clarification sought by any prospective bidder, modify, change incorporate or delete any part of the tender document. In order to allow sufficient time for preparation against such changes, Purchaser may at its discretion extend the deadline for the submission of bids.

Tender Evaluation

Financial bids will be opened by the purchase committee to provisionally assign the vendor selection for each item in the order of preference as under –

- First Preference – Lowest Bidder (L-1)
- Second Preference – L-II
- Third Preference – L-III

The selected bidder(s) (also referred as Contractors in the document) will be communicated in writing about the results. The SD shall be returned to all unsuccessful bidders or disqualified bidders **only via registered post at the address** of communication mentioned in the application registration.

Right to Reject/Accept any of all Bids

- The Purchaser reserves the right of the accepting the tender in whole lot or distinct part of it or the supply can be distributed between more than one tenderer.
- The undersigned may reject all or any of the tenders without assigning any reasons there of or annul the tender process without thereby incurring any liability to the prospective bidders.
- No tender shall be taken into consideration unless it satisfies all the requirements prescribed above and is presented within prescribed time limit. Purchaser, however reserves the right to give any relaxation in this connection.

Penalty Clause

The terms and conditions mentioned in the tender document contains the penalty clause as per the store purchase rules of CG that will get attracted in case of default from successful bidder.

Mode of Submission of Proposals

Proposal shall be accepted by registered post or speed post or by courier approved by P&T dept. or by depositing the tender form in the drop box at the address specified in **Section B: Tender Notice section of the document**. Proposals received in any other mode shall not be acceptable.

Right to Black List Defaulting Contractors

The purchaser reserves the right to Black List any contractor either in whole or in part limiting to certain products and for certain period for any breach of any of the terms and conditions of the tender. Such Black Listed Contractor or his establishment will not be eligible to participate in any of the departmental tenders accordingly.

Authorized Signature

If tender being submitted by a partnership firm or a company it must be signed separately by each partner/director and in the event of absence of any partner/director it must be signed on his behalf by a person holding power of attorney which should be issued by the person absent, authorizing him to do so which should be produced with the tender and it must be disclose that the firm is registered under Indian Partnership Act/Companies' Act along with specification of No. of Partners/Directors who constitute the firm/Company with their names & address.

Each page of the proposal and its enclosures should be signed at the bottom by the tenderer / Authorized Person.

**Deputy Director
Veterinary Services
District-Dhamtari(C.G.)**

Section D: Tender Terms and Conditions

1. SECURITY DEPOSIT
 - a. **The Security Deposit (SD) should be equal to 3% of sthe value of the budgetary estimate for the each item as given in the Annexure 1 forming part of financial bid in section E of the document. SD** should only be in the form of Bank Draft from any scheduled bank favouring **“Deputy Director Veterinary Services, District-Dhamtari (C.G.)”**. SD in the form of CHEQUE/CASH/ POSTAL / BANK Guarantee will not be accepted. For Public Sector Under takings Bank Guarantee shall also be accepted for the validity period of the proposal.
 - b. If the contractor is bidding for multiple items, a single Bank Draft for the entire SD amount can be submitted.
 - c. Security Deposit in any other form, which may have been made earlier or any payment pending with the purchaser will not be adjusted towards the requirement of Security Deposit in this tender
 - d. The SD shall be returned to all unsuccessful bidders or disqualified bidders only via registered post at the address of communication mentioned in the application.
 - e. Security Deposit will be returned to the successful bidder after one month from the date of completion of the supply contract.
 - f. In case where the successful bidder has won only a prartial contract or in cases where he has won the supply contract for lesser number of items he had bid for he can submit a Bank Draft with revised amount of Security Deposit corresponding to such change .The basis of SD amount shall remain to be the 3% of the value of budgetary estimate for each item as given in Annexure 1 .
2. The price quoted by the tenderers shall not in any case, exceed the controlled price, if any, fixed by the Central/State Government and the Maximum Retail Price (MRP). The **Deputy Director Veterinary Services, District-Dhamtari** rate his discretion, will exercise the right to revise the price at any stage so as to conform to the controlled price or MRP as the case may be. This discretion will be exercised without prejudice to any other action that may be taken against the tenderer.
3. For any changes to the rates quoted by the firm in tender documents i.e. proposed rates & M. R. P. rates, at the time of supply then such changes must be informed to undersigned well in time (before supply) and following conditions shall apply with respect to any changes in rates during the period of supply or any extension thereof -
 - (a) After approval of Tender rate, if M. R. P. increases, their will be no change in approved rates and tenderer will have to supply the order on approved tender rates only.

- (b) If M. R. P. decreases during the contract period then the quoted rates will also be decreased in the same proportion and the decreased rate will be treated as approved rate, Contractor will have to supply the items at the reduced rate. It will be mandatory for the contractor to pre-intimate the purchaser about the reduction in rate due to change in MRP otherwise purchaser has the right to forfeit SD amount and/or blacklist the contractor and/or cancel his supply orders and/or recover the loss incurred to the Purchaser on account of such rate difference from the security deposit or from any amount due to the contractor. The contractor will have to produce a certificate regarding change in MRP/no change in MRP with every invoice produced to purchaser. To produce such certificate will be sole responsibility of contractor.
- (c) M. R. P. should also be mentioned along with the quoted price, without which the tender will not be considered. Please refer the format in Annexure 1
- (d) On any circumstances the rates tendered shall not be allowed to be revised upward by the Contractor during the terms of the contract.
4. Purchase preference will be given to SSI Unit/Govt undertaking units as per Store Purchase rules of the Government of Chhattisgarh, provided those units have full fill all the other terms and conditions of the tender.
 5. The approved/quoted prices will hold good till the **One year** and may be further extended up to three months with the prior approval of **Deputy Director Veterinary Services, District-Dhamtari (C.G.)** The delivery of goods by the contractor should be at **Deputy Director Veterinary Services, District-Dhamtari (C.G.)** or the place mentioned in purchase order. The cost of packing, forwarding, freight and other charges for effecting delivery at the destinations shall be borne by the Contractor (also referred to as Successful Bidder).
 6. All dues regarding taxes and duties including sales tax commercial tax excise duty, octroi duties levied on the supply shall be payable by the contractor himself. The Purchaser on written request shall only grant a certificate of total quantity of supply made.
 7. All losses during transit including the losses due to breakage and shortage, spoilage etc. will have to be borne by the contractor at his own cost.
 8. In the event of the supply being not accepted at the destination due to any reason, it shall be responsibility of the contractor to remove the same forthwith at his own charges and cost.
 9. Any amount due to the Government of Chhattisgarh from the contractor on any account in respect of this tender may be recovered from him as arrears of land revenue.
 10. In case if contractor is manufacturer & manufacturers wish to supply the items through their distributors or Agent, Prior intimation about such distributor or

Agent through which the item will be supplied shall be provided with authorization certificate to the **Deputy Director Veterinary Services, District-Dhamtari (C.G.)** in writing, However the purchase orders shall be made in the name of Manufacturer only. Manufacturer will raise Invoice in the name of purchaser and the respective payments shall be made in the name of manufacturer only. In case if contractor is authorized dealer then he has to produce authorization letter certificate issued by manufacturer referring this tender notice to quote the rates of the item/s. These documents are to be submitted with technical bid envelop.

11. If a dispute arising out of and/or connection with and/or in relation to this tender or breach or termination hereof exists between the parties and the same cannot be settled within seven days by mutual discussions. Such disputes or differences shall be referred to arbitration under the provisions of the Arbitration and conciliation Act, 1996. the arbitration panel decision shall be final and binding on the parties.
12. **Deputy Director Veterinary Services, District-Dhamtari (C.G.)** reserves the right to increase or decrease the size of the order during the contract. The contractor will be bound to comply without any claim for the compensation.
13. The contractor shall be held responsible for the supply of any spurious or contaminated item and the cost involved in testing and other legal proceeding and the cost of replacement will be borne by him.
14. Supply being made should be strictly of the same description as prescribed in the purchase order and in the same quantity as per purchase order issued. Any deviation without prior approval from **Deputy Director Veterinary Services, District-Dhamtari (C.G.)** in writing from Purchase Order in terms of Item description, its unit of measure or quantity will not be acceptable and such supply will not be liable for payment.
15. **ORDERS AND DELIVERY SCHEDULES**
 - a. The purchaser does not guarantee the quantity, which will be ordered. The quantity mentioned in Financial Proposal Annexure 1 against the items is tentative and no claim for release of order for that many quantities will be entertained.
 - b. The purchaser reserves the right to order for only such quantity as may be necessary and the Contractor is bound to supply the ordered quantity only, Purchaser may issue subsequent orders as and when required. Quantities supplied in excess will not be paid for.
 - c. The entire supply shall need to be completed with in the period mentioned in the Purchase Order or for the period extended by the **Deputy Director Veterinary Services, District-Dhamtari (C.G.)** If the contractor fails to execute the supply within the stipulated time, the purchaser is empowered to make emergency purchases at the risk & cost of the contractor and claim the difference in total cost from the tenderer in addition to other penal clauses.
 - d. Purchaser reserves the right to designate his powers of purchaser to departmental district authority or other agency for issuing purchase orders of

the items approved & make payments thereof. In such case contractor has to make supply at destination desired by authority concern & accordingly bills

e. will be raised to authority concern.

16. PENALTY CLAUSE:

- a. In case commodities indented are not supplied within the time limit or loss is not made good according to the terms & conditions of this contract, the tenderer shall be liable to pay liquidated damages and by the way of penalty the sum of 2% of the cost of order placed, shall be deducted from the bill for every month of delay (Month will be considered of 30 days and part month will be considered as Full month for the calculation of penalty)
 - b. Further it shall be lawful for the **Deputy Director Veterinary Services, District-Dhamtari (C.G.)** to purchase the articles indented from open market at the risk and cost of the contractor who in addition to the liquidated damages, aforesaid shall also be liable for any losses or damages caused by the said purchases to the Government
 - c. REMEDIAL CLAUSE: However, if the purchaser is satisfied that the delay in supply was caused by the circumstances beyond the control of contractor, he may grant him in writing, extension of time which will not exceed 90 days and shall not be extended again. In such case the purchaser may forgo the whole or part of the liquidated damages as the purchaser may deem proper except the actual extra cost incurred in making purchases from open market.
- 17 The Invoice/Billing shall be done in the name of “**Deputy Director Veterinary Services, District-Dhamtari (C.G.)**” . In case purchase order is placed by other authority, billing shall be done in the name of such concerned authority.
- 18 The Information with respect to Purchase Order No issued by the Purchaser, VAT/Sales Tax Registration No, MRP MUST be mentioned in the Invoice with other details. Invoices not complying with these conditions and/or not supported by proof of delivery shall not be liable for payment.
19. The tenderer shall deposit one selectable/ marketable sample for those items asked for sample submission indicating by “S” in financial proposal (Anexure 1) with the **Deputy Director Veterinary Services, District-Dhamtari (C.G.)** The list of items deposited along with certification from concerned Departmental officers, should be enclosed with Technical bid of the tender form itself by the tenderer. If any tenderer has not deposited samples as specified and not furnished certification, his tender is liable for rejection.
20. The non approved samples will be returned to the respective firms by **Deputy Director Veterinary Services, District-Dhamtari (C.G.)** The firm will take back the non approved samples at their expenses within 30 days on intimation from **Deputy Director Veterinary Services, District-Dhamtari (C.G.)** The authorized person on behalf of the tenderer will obtain the acknowledgement from **Deputy**

Director Veterinary Services, District-Dhamtari (C.G.)for the deposits & receipt of samples.

21. All works under or in course of execution or executed in pursuance of the contract shall at all times be open for the inspection and supervision of this office including their authorized subordinates.
22. The contractor shall execute the whole and every part of the work in the most substantial and workman like manner and both as regards materials and every other respect in district accordance with specification. The contractor shall also confirm exactly, fully and faithfully to the designs, specifications and instructions in writing relating to the work.
23. Full details of after sale service offered during the post guarantee period should be furnished along with tender.
24. Information's of actual users of the equipment in India supported with evidences and performances and sufficient sample for each item should be furnished along with tender.
25. Required Items are to be supplied at the address of consignee mentioned in work order. After receiving the goods by quality and quantity will be verified by the committee. The specification of Items should strictly tally with specifications of samples submitted by the tenderer along with tender.
26. The guarantee will cover the equipments supplied under this contract against defective materials & workmanship for the period of 12 months from the date of commissioning of the equipment. If any part of the equipment is made in to use earlier for some reason the guarantee period will commence from the date of such use.
27. The installation , commissioning & trial run will be at the cost & responsibility of contractor for the equipments which require so. The Contractor shall train to the satisfaction of the purchaser one or two Technicians at site of supply for operating, servicing and undertaking minor repairs without extra cost.
28. The contractor will have to give demonstration &/or presentation of the items, if desired by purchase committee at the site asked for with out any cost.

Section E: Technical Proposal and Content

In order for the Purchaser to evaluate the technical proposals fairly and completely, all prospective bidders must follow the sequence and format laid out below for submission of their technical proposal. To be considered the bidders must provide a complete response to the technical proposals along with supporting and must submit following minimum requirements in the sequence mentioned below –

1. Covering Letter (**Specimen 1**)
2. General Information about Bidders (**Specimen 2**)
3. Agreement Bond in a Rs 100/- notarized judicial stamp paper (**Specimen 3**)
4. Security Deposit in the manner provided elsewhere in the document
5. Duly attested photocopy of **Manufacturing License** for the products duly approved by the Licensing authority must be enclosed for each and every product quoted in the tender. The license must have been duly renewed up to date & valid for complete Rate Contract period & supplies being made against it. The copy should be legible, items should be clearly marked and should be clearly readable. The attestation should be made by a public notary/Gazetted Officer. Manufacturing license is to be produced by manufacturer if manufacturer is submitting the tender or by the authorized dealer for the manufacturer whose item is quoted.
6. Duly attested photocopy of valid import license issued by Licensing Authority/ Importer Exporter Code no., if it is an imported item.
7. Manufacturer/ authorized dealer should have minimum average **annual turnover of Rs. 50Lakh (RsFifty Lakh only) during the last three financial years**. The Certificate of annual turnover should be issued by CA and should be supported by Audit Report and Audited Financial statements for last three years i.e. 2008-09, 2009-10 and 2010-11. In case Audit of 2010-11 is pending, provisional financial statements with turnover certificate from the Chartered Accountant must be submitted.
8. Valid sales Tax registration certificates issued by concerned Authorities.
9. Performance Statement in an affidavit executed before Executive Magistrate/Public Notary (**Specimen 4**)
10. Acceptance of Terms and Conditions mentioned in the Tender Document (**Specimen 5**)
11. Details of personnel working with the manufacturer/authorized dealer and have relatives as gazetted officer in veterinary department (**Specimen 6**)
12. If the organization is registered under SSI/State Gov Undertaking Unit, Enclose copy of registration
13. Incorporation Certificate of the Organization (In case of Non Proprietary firm)
14. Details of the Manufacturer & authorized dealer. (**Specimen 7**).
15. Authorization Certificate in case Manufacturers wish to supply the items through their distributors or Agents
16. Authorization certificate issued by manufacturer of item, if authorized dealer is submitting tender.
17. Name, Model, Make of the items quoted. (**Specimen 8**)
18. List of samples submitted (mentioning Name, make/model , Specification & no. of units) (**Specimen 9**)

Note -The above documents should be arranged in serially as given in above manner with paging.

Section F: Financial Proposal and Content

Separate Financial Proposal should be placed in envelope clearly marked “Financial Proposal – For Supply of Instruments/Equipments for The year 2011 -2012 Financial Proposal be submitted with the covering page as below –

To,

Deputy Director Veterinary services
District- **Dhamtari**
, Chhattisgarh

Subject: Financial Proposal for Supply of Instruments/Equipments for Year 2011 -2012 to the Deputy Director Veterinary Services, District-Dhamtari (C.G.)

Dear Sir,

I/We _____ (name of the Organization) are pleased to submit our financial proposal for the supply of Instruments/Equipments for The year 2011 -2012 in accordance with our technical proposal and as per request in Annexure 1 , 2 & 3 of the tender form dated _____

Our Attached financial Proposal is for the total sum of Rs given as below –

SNo	Name of items	Amount in Figures (Rs) (total for all items) (inclusive of all taxes, freight and Insurance)	Amount in Words (total for all items) (inclusive of all taxes, freight and Insurance)
1	Items as per format and list attached in Annexure 1,3 to the Tender Document		

We understand that our financial proposal is unconditional and any conditions mentioned shall make our tender liable for rejection. Our financial proposal shall be valid till **One Year** or till the end of supply as per terms and conditions of supply period laid elsewhere in the tender document.

We acknowledge that with reduction in MRP of items being supplied in this tender there would be a proportionate decrease in our quoted price. We take full responsibility to intimate the Purchaser with such change in advance to supply.

Thanking You,
Yours truly,

Name and Signature of Authorized Signatory

(Note: Proprietor/Partner of Firm/Director of Company will sign the letter)

Annexure 1: Format for Financial Bid and List of Items

(In Rs.)

Provided by Purchaser						To be filled online by bidder
S.No.	Name of item	Sample desired for item indicates as "S"	Approx. requirement (Unit)	Approx. Value	SD Amount	Total price inclusive of all taxes, charges
1	2	4	5	6	7	9
	Enlisting of items to be procured is being done.					

*** Desired specification of items are given in Annexure 3**

Signature of contractor

Annexure 2 : Format for Financial Bid

Price schedule of items quoted -

(In Rs)

S. No.	Name of item	Sample required	SD amount	Make/ Model	Manufacturer/ authorized dealer/ authorized distributor	Basic Price inclusive of incidental services	Packing & forwarding charges	Excise duty	Import duty	Freight insurance charges	Sales tax applicable	Total landed price/ price quoted (As in annexure 1)	M RP
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Signature of Contractor

Annexure 3: Item wise desired specifications

Item S.No.	Name of item	Specification
1	2	3
	Enlisting of name of items & their desired specification is being done.	

Signature of Contractor

Specimen 1: Covering Letter

Dated:

To,

The Director
Veterinary services
District Utter Bastar Kanker(C.G.)

Subject: Technical Proposal for supply of -- Instruments/Equipments for the year 2011 -2012 to the Deputy Director, Veterinary Services, District- Dhamtari(C.G.).

Dear Sir,

This is in reference to your tender notice dated _____ inviting proposals for the above supply. We _____ (name of the Organization) are pleased to submit our proposal for the above supply.

We have enclosed supporting information/documents with respect to technical proposal in Envelope 1 to aid in evaluation of our proposal and financial Bid in Envelope 2 in separate sealed cover.

We hereby certify that all the documents and information contained in the submissions are true and correct to the best of our knowledge. We also state that we have read and understood the terms and conditions mentioned in the tender document and agree to abide by them. We further state that we are ready to undertake such supply order as per requirements laid down in the tender document.

We understand that submission of this bid does not confer any right to us for selection. We also understand that the Purchaser reserves the right of the accepting the tender in whole lot or distinct part of it or the supply can be distributed between more than one tenderer.

For any clarifications Mr. _____ , of _____ (Name and Address with Telephone Number) may be contacted.

Thanking You,

Yours truly,

Name and Signature of Authorized Signatory
(Note: Proprietor/Partner of Firm/Director of Company will sign the letter)

Specimen 2: General Information about Bidders

1. Name of the Firm
2. Address of the Firm for Correspondence:
.....
3. Constitution of the Firm
(Proprietorship, Company, Partnership etc)
4. PA Number of the Firm
5. Year of Incorporation of the Firm
6. In case of non proprietary firm, Name of Authorized Person for signing the tender: -
.....
.....
(Encl. Power of attorney and Deed letter)
7. Name and Address of all the Partners/Directors (in case of Partnership firm/Company):
.....

Signature of Contractor
With seal

**Specimen 3: Agreement Bond (Non Judicial Stamp Paper of Rs 100/-,
Signed and Notarized)**

AGREEMENT BOND

I/We hereby tender for the supply of Instruments/Equipments for The year 2011 - 2012 to the Government of Chhattisgarh acting through the **Deputy Director Veterinary Services, District-Dhamtari (C.G.)**, (hereinafter called purchaser) for supply of items at the rates mentioned in the schedule of this memorandum in accordance with the terms and condition. I/We here by agree to abide by and fulfill the terms of this tender and all conditions of contract opened here to, or in default there of to forfeit the security deposit and pay to the said Government of C.G. or his successors, the penalties of sum of the money mentioned in the said condition.

In case I/We fail to undertake the supply of commodities or violate any of the said terms and conditions of contract dated this day _____ of _____ 2011, I/We understand that the sum of security deposit, the full value of which will be absolutely forfeited by the said purchaser without prejudice to any other rights or remedies to the said purchaser in the office.

Witness.....

Address.....

Occupation.....

Signature of Contractor
(Name & Seal.....)

The above tender is hereby accepted by me on behalf of Government of Chhattisgarh, Dated2011.

Deputy Director Veterinary Services
District-Dhamtari(C.G.)

Specimen 4: Performance Statement in an affidavit before the Executive Magistrate/Public Notary executed on a Non judicial stamp paper of Rs 50/-

**PERFORMANCE STATEMENT
(For a period of last two years)
(2009-2010 & 2010-2011)**

Name of the Firm: _____

Order placed by (full address of Purchaser)	Order No. and date	Description and quantity of ordered items	Value of order (Rs)	Delivery period		Remarks indicating reasons for late delivery, if any	Was the supply of items satisfactory?(attach a certificate from the Purchaser/Consignee)
				As per Original contract	Actual		

Signature and seal of the Bidder _____

Specimen 5: Acceptance of Terms and Conditions in an affidavit before the Executive Magistrate/Public Notary executed on a Non judicial stamp paper of Rs 50/-

Acceptance of Terms and Conditions

To,

Deputy Director
Veterinary Services,
District Utter Bastar Kanker(C.G.)

Dear Sir,

We submit here with our proposal on your Tender Notice..... Dated with our quotation against respective items. We have carefully perused the Terms & Conditions of the Tender document and accept the same.

For, and on Behalf of the firm

(Firm's Name & Address)

(Signature of Authorized Signatory)

WITNESS:

Signed in my presence:

Name :.....

Designation :.....

Seal :

Notary Public

(With Name & Complete Address)

Specimen 6: Details of Persons who are working with the Manufacturer/Contractor who have relatives of any Gazetted officers of Veterinary departments of CG

A list showing the name of the persons who are working with the contractor and are near relations of any Gazetted officers of Vet. Departments in C.G.

Sr. No.	Name of persons working with contractor	Related to which Gazetted Officer of Vet. Dep't.	Nature of relation	Remark
1				
2				
3				
4				

Signature of Contractor

Specimen 7: Details of Manufacturer & authorized dealer

Name of the Tenderer & Full Address

Name of Manufacturer, Full address, Phone Nos., Fax nos, Email
.....

Manufacturers Date of Inception
.....

Manufacturers License No. & Date
.....

Issued by

Valid up to

Details of Installed Production Capacity and Actual Production for the year

2010-11.

S.No.	Name of item	Installed Production Capacity	Actual Production for the year 2009-10
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*The details of manufacturing unit shall be for the premises where items quoted are actually manufactured.

Signature of Contractor

Specimen 8: NAME, MODEL/MAKE , SPECIFICATIONS OF ITEMS QUOTED

List of items quoted -

S.No.	Name of Item	Model/Make & Manufacturer name	Specification
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Signature of Contractor

Specimen 9: LIST OF SAMPLES SUBMITTED

List of samples submitted -

S.No.	Name of item	Model/Make	Packing	No. of units submitted
--------------	---------------------	-------------------	----------------	---------------------------------------

Signature of Contractor

33	Bed Side Monitors Vet.	AS PER SPECIFICATION	B	Per pc	1	50000									
34	Dystokia Kit	AS PER SPECIFICATION	S	Per pc	1	5000									
35	Teat Surgery Kit	AS PER SPECIFICATION	S	Per pc	1	3000									
36	Centrifuge Machine	AS PER SPECIFICATION	B	Per pc	1	20000									
37	Vaginal Speculum	AS PER SPECIFICATION	S	Per pc	10	10000									
38	Thawing Unit	AS PER SPECIFICATION	S	Per pc	10	10000									
39	Micro pipette (0.5 to 20 ul)	AS PER SPECIFICATION	S	Per pc	1000	5360									
40	Serum collection cryo vials 1.8 ml.	AS PER SPECIFICATION	S	Per pc	1000's pack	3650									
41	Vacutainer with needle for 5 ml with rubber cap	AS PER SPECIFICATION	S	Per pc	100x100	7275									
42	Cold Cabinate (walk in cooler)	AS PER SPECIFICATION	B	Per pc	1	8.25Lakh									
NOTE :- 1 - Sample required For the quoted rates by tender of manufacturing company															
2- "S " for sample " B" for catalog/Literature / Photographs.															

Instrument Set Detail

S.No.	Name of Set	Names of Instruments with Specification	No of Instrument per set
1	Instrument set-I for Poly clinics	Artery forceps SS 5" & 6"	12
		Allis tissue forceps SS 15x20cm.	12
		Towel clamps	12
		BP handle SS ISI Marked No. 3 & 4	12
		Scissors SS 8"	12
		Rat tooth forceps SS 8"	12
		Needle holder SS 8"	12
		Abdominal retractor	06
		Intestinal clamps SS	12
		Suture cutting Scissors SS 8"	12
		Chital forceps SS 10"	12
		Laryngoscope	04
		Vaginal Speculum	04
		Skin graft Knife SS 6"	04
		Instrument trays of various sizes	02 of each size
		Dressing drums SS	04
		Kidney trays SS 8"	12
		Lotion bowls EI, 20 cm.	12
		Digital electro cautery ISI	04
		Fumigator	06
		Otoscope	04
		Bistury	06
		Clinical Thermometer	04
		Milk Siphon	06
		B P Blade	pack of 100
		Instruments Sterilizer	01
		Instruments Trolley	01
		Swab Holder	06
		Foreign Body Detector	02
		Hoof Trimming Set containing	02
		Mayo surgical scissors	06

2	Instrument set-II for V.H.& OLD	Artery forceps SS 5" & 6"	06
		Allis tissue forceps SS 15x20cm.	06
		Kidney trays SS 8"	06
		Irrigator E.I. 1 ltr	06
		Scissors SS 8"	06
		Knife SS 8"	06
		Dressing tray E.I. with lid 12"x10"	06
		Forceps for lifting goblets for AI SS 6" & 8"	06
		Funnel E.I. 8" diameter, made up to LN2 compatible material	06
		Bistury	06
		Clinical Thermometer	02
		Milk Siphon	06
		B P Blade	pack of 100
		Swab Holder	06

Annexure 3: Item wise desired specifications

SPECIFICATION STANDARD LIST OF EQUIPMENTS

S.No.	Name of Items	Specification	Packing
1.	AI gun (Mini French Straw-) ss suitable for 0.25ml straws Imported	<ul style="list-style-type: none"> Made of Stainless Steel Type 304 (18-8) with minimum 18%chromium and 8% nickel combined with a maximum of 0.08% Carbon The piston of the Gun should be annealed 4 times from 185^o-205^oF followed by rapid cooling. Guns do not get rusted even after sterilization. Manufacturer must be ISO certified. 	Per pc.
2	AI sheaths (Split) for Mini French straw AI gun Imported	<p>Individual packed sheaths</p> <p>Specifications:</p> <p>Length : 443 mm, Internal diameter : 4.1 mm, External diameter : 4.5 mm, internal plug to avoid Straw from entering animal body. A.I. Sheaths are made of high quality PVC with special rounded tip to avoid animal injury during Artificial Insemination.</p> <p>Packing : Packed by 50 units, Complete Cardboard of 20,000 units.</p> <p>Batch Nos : On each carton of 20,000 units</p> <p>Durability : 5 years from the manufacturing date</p> <p>Components : PVC</p> <p>BIOCOMPATABILITY:</p> <p>Approved for sperm from animal origin.</p> <p>Goblets</p> <ul style="list-style-type: none"> Manufacturer must be ISO certified. 	50 pcs. pack
3	AI sheath container- 50 sheaths capacity	Made up of PVC, having capacity of 50 individual packed sheaths, cap at both ends should fit perfectly.	Per pc
4	Disposable AI gloves(Full sleeve)	<ul style="list-style-type: none"> Made of high quality Polyethylene and laboratory tested Shoulder Length 5 Finger Gloves Used or Bovine Rectal/ Vaginal Examination Dispenser Box of 100 Units They resist stretching and do not tear at the time of use. 	100pcs. pack
5	Allies Tissue Forceps	15 cm. ss & 20 cm	Per Pc.
6	Artery Forceps Curved 6"ss	5" & 6"ss	Per Pc.
7	E. I. Tray with lid	E. I. Tray with lid 12"x10"	Per Pc.

8- RUMENTOMY INSTRUMENT SET

Rumentomy outfit set for Cattle consisting of following items in dust proof cover :-

- | | | |
|----|--|-------|
| 1. | Weingart pattern fixation frame for rumen made of non magnetic anti rust material having length : 27 cms and breadth 18 cms. | 1 Pc |
| 2. | Weingart pattern fixation hook with 7 cm long made of anti rust material | 6 Pc. |
| 3. | Weignart pattern vulsellum forcpeps 24 cms made of stainless steel material | 2 Pc. |
| 4. | Mayo Pattern Scissor both end blunt straight blades made of stainless steel material screw joint having total length 16 cms with comfort finger loops. | 1 Pc. |
| 5. |do.....curved blades made of stainless steel | |

	material screw joint having total length 16 cms with comfort finger loops.	1 Pc.
6.	B.P. Handle Commercial No.3 made of stainless steel material and should take Blade No.11 firmly without any play.	1 Pc.
7.do.....4 made of stainless steel material and should take Blade No. 23 firmly without any play	1 Pc.
8.	BP Blades No. 11 and 23 ISI Marked Sterilised and Disposable	100 Pc.Each
9.	Tissue forcep jointless with 2x1 teeth ,stainless steel having total length 15 cms.	1 Pc.
10.	Allis Tissu Forceps screw joint 4x5 teeth stainless steel having total length 15 cms	2 Pc.
11.	Backhaus Towel Clamp screw joint 14 cms length made of SS	4 Pc.
12.	Halstead Mosquito Forcep with screw joints jaws having antiskid serrations straight , made of stainless steel total length : 13 cms	4 Pc.
13.	Spencerwell's Artery Forcep Screw Joint straight jaws with antiskid serrations 15 cms length stainless steel.	2Pc.
14.do.....curved blades	2 Pc.
15.	Mathew Pattern Needle Holder made of stainless steel, having total length 17 cm and screw jointed.	1 Pc.
16.	GroveDirector stainless steel winged 14 cms length	1 Pc.
17.	Suture Needle Traumatic reverse cutting triangular straight made of stainless steel material having length of 93 mm and diameter 1.6mm	12 Pc.
18.	Suture Needle Traumatic reverse cutting triangular ½ circle made of stainless steel material having length of 102 mm and diameter 1.6mm	12 Pc.
19.	Suture Needle Atraumatic straight made of stainless steel material having length 93mm and diameter 1.6mm	12 Pc.
20.	Suture Needle Atraumatic curved ½ circle made of stainless steel material having length 102mm and diameter 1.6 mm	12 Pc.
21.	Surgical Gown 100x 60mm with sleeves)	1 Nos.
22.	Face Mask 10 x 5 cms with arrangement for knots	2 Nos.
23.	Surgical shroud (75x105cms) with 17x2 cm slit in centre	2 Nos.
24.	Surgical shrouds 75 x 105 cms	2 Nos.
25.	Surgical Towels white color 20 x 30 cms pakced in 6 Pc.	3 pkt of 6 Pc
26.	Surgical Pack wrapper (90 x 120 cms)	2 Nos.
27.	Surgical Tray with Cover ISI Marked size 15x 12"	1 No.

9-VETERINARY SURGICAL PACK

Containing ALL ITEMS IN DUST PROOF CASE

Artery Forceps 6" Three each straight and curved (six in numbers)

Allies tissue forceps 6"(six),

B.P Handle No. 3 & 4 (one each),

Backhauss Towel clamps (six),

Mayo surgical scissors 6" Straight (Two) and curved (Two),

Rat toothed forceps 15 cms (one),

Thumb Foreceps 15cms. (one).

Self retaining wound retractor with 70mm spread (10") (One)

Nneedle holder 6" - one . Thumb Foreceps 15cms. (one).

Probe and director combined (one)

Trocar and Canula for Lrge Animals /Small AnimalsOne each

Scalpel 8" (one)

Bistury 8" (one)

Suture Cutting Scissor (one)

Clinical Thermometer Digital (one)

Milk Siphon self retaining (two)

Shroud with slit 6'x6' (one),

Drapes 3'x3' (six),

Hand Towels (Two),

Surgical Gowns (Two),

Wrap cloth 4'x4' (one)

10- ARTIFICIAL INSEMINATION KIT

Artificial insemination kit for field use, designed for frozen semen Technique. The kit should contain all following item in dust proof shoulder carrying bag:-

1. Artificial insemination Gun made of stainless steel material with auto lock UNIVERSAL Pattern for French mini 0.25ml, 0.5 ml straws . straws duly packed in plastic gun container with one closed and other with screw cap----- 01 Pc.
2. Felt cover for A.I. Gun for keeping AI Gun at required temp.-----01 Pc.
3. Artificial insemination sheaths suitable for above AI Gun Universal pattern for use with 0.25ml/0.5ml . straws. The AI sheaths should be individual pack, Such 50 sheaths packed in reseal able pouch----- 200 Pc.
4. Clinical thermometer with dual Reading Flat Body-----01 Pc.
5. Long Stem Thermometer Mercury Type 0.50 degree C-----01 Pc.
6. A.I. Sheath Container plastic with one end closed and other screw cap-----01Pc.
7. Straw cutter made of plastic material for uniform and straight cut of sealed straw at fixed length along with one spare blade and straw cutter assembly should be able to dismantle for cleaning etc.-----02 pc.
8. Wide Mouth Thermos flask made of stainless steel with dial thermometer Minimum capacity of 300ml.----- 01 Pc.
9. Thawing Tray Kidney Shape 12" ISI Market Stainless Steel-----01 Pc
10. Instant Accurat Unbreakable Thaw monitor.-----01 Pc.
11. Straw Tweezers Minimum 6" with grooved edges for holding the without cutting. -----01 Pc.
12. A.I. Apron Washable with neck and waist ties-----01 Pc.
13. A.I. Disposable Gloves Five fingers, made of LDPE Material with in minimum thickness of 15 microns, yellow/ orange colour and having minimum shoulder length 34" -----100 Nos.
14. Hand Sanitizer spray for more than 99% Germ free suitable for Minimum 100 Sprays----- 02 Nos.

11- THERMOMETER 0-110 DEGREE

Dial Thermometer having stainless steel stem for temp.. The dial should not exceed 25 mm and stem of 4mm dia X 130 mm length and should have temp. Range covering 0-110 degree C. It should have protective sleeve with pocket cli

SPECIFICATION OF EQUIPMENTS

S.No.	Name of Equipment	Specification	Remark
1	Cold Cabinet	<p>Cold Cabinet (Walk-in Coolers)</p> <p>Basics of design</p> <p>Walk-in-Cold room dimensions : 173.5" x 127.5" x 111" (External Dimensions)</p> <p>Internal Volume of the Room : 1199.5 CFT (Approx)</p> <p>Quantity of the Room : 1 No.</p> <p>Room Temperature required : 2^o C to 8^o C</p> <p>Insulation type for Chiller : 60mm thick PUF panels with 0.5mm. Thick Pre-painted G.I. Sheet both sides.</p> <p>Flooring : PUF Slab having the thickness of 60mm. Having the upper layer of Anti Skid GI.</p> <p>Incoming product temperature : 22-25^o C</p> <p>Product Load : 60 - 80 Vaccine Boxes</p> <p>Racks : 3 walls with racks; 4 levels, 6 ft. high, GI slotted angle; depth - 2 ft.</p> <p>Pull down time : 24 Hours.</p> <p>Door Size : Auto closing flush doors of 34" x 78" (1 No.)</p> <p>Ambient temperature : + 44^o C</p> <p>Cooling unit type : Air cooled, Split type</p> <p>Indoor unit : Slim cassette type, centrally ceiling mounted.</p> <p>Density of panels : 40 ± 2 Kg. / Cubic meter</p> <p>Type of compressor : Hermetic</p> <p>Electric Supply : 230V / 1 Ph / 50 Hz</p> <p>Compressor run time : 16 Hours</p> <p>Refrigerant : R 22</p> <p>Door Type : Heavy duty hinges</p> <p>Door frame Construction : All accessories like light switch, Temperature</p>	Per Pc.

		<p>indicator are fitted on the door frame</p> <p>Construction of the door : Flushed type</p> <p>Panel Assembly sealing : PVC gaskets to form a tight</p> <p>-----</p> <p>Temperature indicator : Digital Temperature indicator</p> <p>Compressive strength at 10% : 2-6 Kg. / Square meter</p> <p>Adhesive strength : 2.9 Kg. / Square meter</p> <p>Dimensional Variation : < 2% (48 Hours)</p> <p>Closed cell content : 90-95%</p> <p>Thermal Conductivity : 0.019 - 0.022 W/m. deg. C</p> <p>Water absorption : 1 w / v</p> <p>Safety latch at door : Switch type</p> <p>Blowing agent : R-141B (Non CFC)</p>	
2	<p>Hydraulic Operation Table for Small Animals,</p>	<p>Hydraulic Operation Table for Small Animals, sizes 160 x 60cm., S.S. top divided into two sections for Flexa & Reflex position and can be revolved through 360 degree and can be locked at any desired position with drain out hole, chromes plated tie rod with sliding hook on one side 0cm. below the surface Hydraulic pump in a cast iron base with foot lever adjustment at any height between 90cm x 105cm. Table is mounted on castors with screw flanges to keep it fixed. Top of the table can be tilted slowly for removing the animal after operation with manufacturer identification Manufacturer must be ISO certified</p>	Per Pc.

3

Per Pc.

Hydraulic Operation Table for Large Animals

1. Table top frame 8Ft X 5Ft made from MS iron.
 2. Top covered with stainless steel sheet.
 3. Guide provide for balancing four sides (painted).
 4. Mounted on two hydraulic lift controlled by air control valves.
 5. Height can be adjusted below 3 Ft to 2 Ft up from floor level.
 6. Heavy structure double top with upper top tilting position up to 90 degree angle (max).
 7. Lift capacity 3 ton max.
- with manufacturer identification
 Manufacturer must be ISO certified

4

ICE LINED FREEZER

Per Pc.

Product	Ice Lined Freezer	
Temperature Range	Upto -22°C	
Model	ILF-150	ILF-300
Useful inner dimension	500 (w) x 500 (l) x 500 (h) mm	970 (w) x 500 (l) x 600 (h) mm
Overall outer dimension	730 (w) x 730 (l) x 1050 (h) mm	1515 (w) x 740 (l) x 860 (h) mm
Capacity	150 Litres	300 Litres
Temperature Holding Time	24 Hours from -20°C to -5°C (with 15 Kg of load)	
Construction	Triple walled construction	
Inner Chamber	Made of Stainless Steel SS-304, 18 SWG (1.2mm), tig welded to the middle chamber	
Middle Chamber	Made of GI Sheet	
Outer Chamber	Made of Powder Coated CRCA sheet, 18 SWG (1.2 mm)	
Insulation	75 mm thick Polyurethane Foam (PUF) insulation between the middle and outer chamber	

		<table border="1"> <tr> <td>Main Door</td> <td>PUF insulated main dor with FRP lining and spring hinges for easy handling.</td> </tr> <tr> <td>Sub-doors</td> <td>Made of Polyrexine of 30 mm thickness</td> </tr> <tr> <td>Lock</td> <td>Self contained lock and key (Godrej make) to prevent unauthorized access</td> </tr> <tr> <td>Hot Line</td> <td>Anti-moisture entry using hot line at the mouth of the cabinet</td> </tr> <tr> <td>Bottom Stand (inner)</td> <td>Made of Stainless Steel rods with legs to prevent contact of specimen with bottom floor</td> </tr> <tr> <td>Compressor</td> <td>Hermetically sealed compressors</td> </tr> <tr> <td>Refrigerant</td> <td>Non-CFC, Non-HCFC, eco-friendly refrigerant (R-404)</td> </tr> <tr> <td>Coolant</td> <td>Brine of Ethylene Glycol</td> </tr> <tr> <td>Combi-Condenser</td> <td>Skin condenser on inner lining of external body + Air-cooled type condenser with grooved Aluminium fins for effective heat transfer</td> </tr> <tr> <td>Copper coils</td> <td>99.97% pure copper coils</td> </tr> <tr> <td>Controller</td> <td>Microprocessor based temperature controller with digital display</td> </tr> <tr> <td>Temperature Recording (Optional)</td> <td>Data Bank facility to store Print and record set values, process values, Date & time with variable print time intervals.</td> </tr> <tr> <td>Software</td> <td>CFR 21 Part 11 compliance Web based communication software for data management. Complete with RS. 485 multi dropping to monitor multiple chambers to one software</td> </tr> <tr> <td>Sensor</td> <td>Fast response NTC Thermistor sensor</td> </tr> <tr> <td>Alarm</td> <td>Audio-visual alarm for deviations from set condition</td> </tr> <tr> <td>Battery Back up during power failure (Optional)</td> <td>Inverter circuit for continuous display of temperature and recording (10 to 12 hours approx) with auto recharging, battery OK indication</td> </tr> <tr> <td>Installation</td> <td>Easy to install & operate by any personnel, No need for company installation</td> </tr> <tr> <td>Safety</td> <td>Fuses for Compressor and Temperature Controller</td> </tr> <tr> <td>Stabilizer</td> <td>Built-in Automatic Voltage Stabilizer with High / Low voltage cut-off and time-delay restart</td> </tr> <tr> <td>Power requirement at site</td> <td>15 Amps, 230 V, 1 Phase, 50 Hz</td> </tr> </table>	Main Door	PUF insulated main dor with FRP lining and spring hinges for easy handling.	Sub-doors	Made of Polyrexine of 30 mm thickness	Lock	Self contained lock and key (Godrej make) to prevent unauthorized access	Hot Line	Anti-moisture entry using hot line at the mouth of the cabinet	Bottom Stand (inner)	Made of Stainless Steel rods with legs to prevent contact of specimen with bottom floor	Compressor	Hermetically sealed compressors	Refrigerant	Non-CFC, Non-HCFC, eco-friendly refrigerant (R-404)	Coolant	Brine of Ethylene Glycol	Combi-Condenser	Skin condenser on inner lining of external body + Air-cooled type condenser with grooved Aluminium fins for effective heat transfer	Copper coils	99.97% pure copper coils	Controller	Microprocessor based temperature controller with digital display	Temperature Recording (Optional)	Data Bank facility to store Print and record set values, process values, Date & time with variable print time intervals.	Software	CFR 21 Part 11 compliance Web based communication software for data management. Complete with RS. 485 multi dropping to monitor multiple chambers to one software	Sensor	Fast response NTC Thermistor sensor	Alarm	Audio-visual alarm for deviations from set condition	Battery Back up during power failure (Optional)	Inverter circuit for continuous display of temperature and recording (10 to 12 hours approx) with auto recharging, battery OK indication	Installation	Easy to install & operate by any personnel, No need for company installation	Safety	Fuses for Compressor and Temperature Controller	Stabilizer	Built-in Automatic Voltage Stabilizer with High / Low voltage cut-off and time-delay restart	Power requirement at site	15 Amps, 230 V, 1 Phase, 50 Hz	
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5	Ulra Sonography Machine 3.5 & 5 Mhz	<p style="text-align: center;">General</p> <ul style="list-style-type: none"> • Should hae Abundant reproductive software package for Cat, Canine [Dogs] Equine, Bovine and Ovine • Should accept Wide range of transducers including specially designed veterinary transducers • Should have Easy file archive and storage through versatile file management solution • Should have Various image storage format: Frame, Bmp, JPG, Cine, AVI and DICOM • Max frequency up to 10MHz • 10" non-interlaced monitor <p style="text-align: center;">Configuration</p> <ul style="list-style-type: none"> • Vet main unit • Endo rectal probe. • Endo abdominal probe. • 10"non-interlaced monitor • One transducer connector 	Per Pc.																																								

		<ul style="list-style-type: none"> • 128-frame cine loop • 90 images built-in storage • One USB port • Electronic micro-convex array transducer: (5.0/6.5/8.0MHz) <p>Technical Specifications: General Descriptions</p> <ul style="list-style-type: none"> • Imaging mode: B, B+B, B+M, M • Gray scale: 256 • Display: 10"non-interlaced • Transducer frequency: 2.5 ~ 10MHz • Transducer connector: 1 (standard), 2 (optional) • Beam-forming: Digital Beam-forming (DBF) • Dynamic Receiving Focusing (DRF) • Up to 16 zone transmitting focusing • Dynamic Frequency Scan (DFS) • Real-time Dynamic Aperture (RDA) • Dynamic Receiving Apodization (DRA) • Scanning angle: From 67 to 120 degree (depending on transducers) • Scanning depth (mm): From 21.6to 248 (depending on transducers) <p>Measurement & Calculation</p> <ul style="list-style-type: none"> • B-mode: distance, circumference, area, volume, angle, ratio, histogram, profile, S% • M-mode: distance, time, velocity, heart rate (2 cycles) • Reproductive software packages: Dog, Cat, Equine, Bovine and Ovine <p>Others</p> <ul style="list-style-type: none"> • Peripheral port: Video output 1 • VGA output 1 • USB port 1 • DICOM3.0 1(optional) • Power supply: 100~240VAC 50Hz/60Hz • One year standard onsite warranty. 	
6	X-ray Machine	<p style="text-align: center;">With X-ray Table (196x61 cm. with a height of 82 cm from the floor)</p> <p>100 mA Useful for obtaining Radiograph of Animal.</p> <p>Assessors</p> <p>(i) Cassette (12''x12'', 12''x15'', 14''x14'')</p> <p>(ii) Viewer or Illuminator 14''x30''</p> <p>(iii) Storage box made of steel body with a protective of lead for storing unexposed films.</p> <p>(iv) Steel Almira with facilities of :-</p> <p>(a) Cupboard for string Cassette film making devices</p> <p>(b) Brackets for different sized film hangers.</p> <p>(c) Brackets for fresh film box</p> <p>(v) Film Hanger Clip type</p> <p>(vi) Safe light (10w)</p> <p>(vii) Lead Apron & Globes</p> <p>(viii) Protective site screen 6'x3'</p> <p>(ix) Processing tanks with lids containing 22.5,13.5 or 9 lits.</p>	Per Pc.

		(x) Benches (6'x3'x3')	
		(xi) Chemicals for developing and fixing of exposed films.	
		(xii) Films Marker L & R 0 to 95 sets each.	
7	X-ray (Dark) room Accessories	<p>Set of dark room accessories comprising of the following:</p> <ol style="list-style-type: none"> 1. Cassettes KG4 8x10, 10x12 & 12x15 : 1 each. 2. Chest stand [Wall Model] : 1 No. 3. Tank : 9 ltrs : 2 No. Tank : 13 ltr. : 1 No. 4. Lead apron : 1 No. 5. Safelight : 1 No. 6. Lead Blocker : 1 No. 7. Hangers 8x10, 10x12 & 12x15 : 2 No. <p>each.</p> <ol style="list-style-type: none"> 8. Hanging clips : 6 No. 9. Lead Alphabets [A to Z] [1 to 9] [L & R] : 1 set. 	Set
8	O T Shadowless Lamp with 4 reflectors	<p>Shadow Less Lamp for Operation Theatre Floor Mounted for Reflectors of 7" Dia.</p> <ul style="list-style-type: none"> • 20" Dia Dome with 4 reflectors • Fitted with imported Halogen bulbs 24v-70w x 4 • Lux 40,000 ± 10% at 90 Cms. • Heavy duty step down transformer made from CRGO Core with H.P.P.S. • Fitted on movable Stand <p>Heat absorbing & Colour correcting special filter glasses</p>	Per Pc.
9	Electric Suction Unit	<p>Capacity 1/2H.P Max vacuum : 700 ± 10mm Hg Regulable Vacuum control knob. Suction Capacity 40 ltrs/ min. Vacuum Gauge : Bourden Type 10 cm. dia, 0-760 mm Hg. Suction Bolite : 2x1600 CC wide mouthed with self sealing rubber bungs and over-flow check valve (float type). Vacuum Pump : Rotary Type Oil Pump Sound: Almost whispers Power Source : AC 220 V Single Phase.</p>	Per Pc.
10	Oxygen Cylinder medium size	Capacity - 27 ltr water with valve supply with trolley should be painted white	Per Pc.
11	Bed Side Monitors Vet	<ul style="list-style-type: none"> • 10.4" color TFT display with 8 waveforms • Parameters including ECG, RESP, SpO2, NIBP, TEMP, Pulse Rate, IBP, C.O., EtCO2 and Multi-Gas/O2 • Maximum 96-hour graphic and tabular trends for all parameters • Optional recorder and rechargeable battery • Optional wireless LAN card • Multi-mode selection for different animals <p>Standard Configuration</p> <ul style="list-style-type: none"> • ECG, RESP, NIBP, SpO2, 2-TEMP, Lead-Acid Battery <p>Optional</p> <ul style="list-style-type: none"> • Thermal Recorder (Including 3 rolls of 50mm paper) • 2-ch IBP, C.O. side stream EtCO2 Multi-Gas/O2 • Power-off storage • 	Per Pc.

12	Dystokia Kit	<p>In Portable Strong Steel Case containing following instruments necessary to produce best possible surgical results in treatment of difficult delivery :-</p> <ol style="list-style-type: none"> 1. Obstetrical Finger Knife.....One 2. Obstetrical wire saw SS roll of 10 meter. (In dispenser box)..... Two roll 3. Wire Saw Handle stainless steelTwo Pc. 4. Rust free Thygesen's wire Saw embryo tome completeOne Set (With wire saw, two barrel shape hand grips and take apart introducer Probe and cleaning brush) 5. Khun's Crutch 750mmOne 6. Calving Rope with 2 loopsOne pair 7. Calving Rope with 1 loop..... One Pair 8. Obstetric Chains 1 meter..... Two Pc. 9. 2 Eye Hooks on Chain 1 meterOne 10. HARMS Eye Hooks Blunt/Sharp..... Two each 11. Krey Schottler Hook.....One 12. Rope Introducer.....One 13. Calving Rope carrier with screw clamp to hold embryo tome wire.....One 14. Freyger's Hook for living fetusOne 15. Long Hook with T handle Moses pattern 6mm x 800mm Pointed..... One 	Set
13	Teat Surgery Kit	<p>Teat Surgery Kit in a velvet lined case containing</p> <ol style="list-style-type: none"> 1 No. Long Fine Teat Bistoury Sharp Pointed S.S 1 No. Long fine Teat Bistoury Probe Pointed S.S 1 No. Hug's Teat Lancet S.S 1 No. Teat Knife Triffin S.S 1 No. Teat Knife Mclean's S.S 4 Nos. Milk Syphon Self retaining & adjustable 2 Nos. Teat Tumour Extractor Hug's 1 No. Teat Tumuor Extractor with 3 rings 1 No. Teat Dilator with screw 1 No. Teat slitter with single concealed & adjustable Blade 1 Set Teat Instruments Hudson's set of 3 1 No. Teat Scissors with slender Blades S.S 20 Nos. Teat Plug Plastic 2 Nos. Teat Injection Tube SS 1 No. Barret;s papllitome 1 No. Teat Tumour Extractor American Pattern 1 No. Teat Opener, Grooved -----do----- 2 Nos. Teat Plug, Bulbus <p>with manufacturer identification Manufacture must be ISO certified</p>	Set

14	Rumenotomy Set	consisting of fixation frame, 8 fixation tenaculate 2 pairs Vulsellum forceps complete SS	Set
15	Vaginal Speculum		Per Pc.
16	Thawing Unit		Per Pc.
17	Instruments Set-I for Poly clinic	As per Annexure 4 S. No. 1	Set
18	Instrument set-II for V.H.& OLD	As per Annexure 4 S. No. 2	Set
19	Bio safety cabinet class II	<p><u>Cabinet, 4ft/1.2 m EN 12469 Certified</u></p> <p><u>SPECIFICATION</u></p> <ul style="list-style-type: none"> External Dimensions (L x W x H) 1340 x 774 x 1360 mm \ 52.7" x 30.5" x 52.9" Internal Work Zone (L x W x H) 1270 x 560 x 670 mm \ 50.0" x 22.0" x 26.4" <p><u>Standard Compliance</u></p> <ul style="list-style-type: none"> EN 12469 type tested Air cleanliness: ISO 14664.1 Class 3, IEST-G-CC1001, IEST-G-CC1002 and other equivalent air cleanliness requirements Filter performance: IEST-RP-CC034.1, IEST-RP-CC007.1, IEST RPCC007.1, IEST-RP-CC001.3 and EN1822 <p><u>Electrical safety:</u></p> <ul style="list-style-type: none"> IEC 61010-1 / EN 61010-1 / UL 3101-1 / CSA C22.2 No. 1010.1-92 <p><u>Average Airflow</u></p> <ul style="list-style-type: none"> Inflow initial set Point: 0.45 m/s or 90 fpm Down flow initial set Point: 0.3 m/s or 60 fpm <p><u>Airflow: Inflow Volumes</u></p> <ul style="list-style-type: none"> Inflow 375/220cfm Down flow (70%) 740 cmh / 440 cfm <p><u>Velocity Set Points:</u></p> <ul style="list-style-type: none"> Exhaust (30%) 545cmh/220 cfm <p><u>Cleanliness Within working Area</u></p> <ul style="list-style-type: none"> ISO14644.1 Class 3, US Federal Standard 209E Class 1 / M1.5, AS1386 Class 1.5, JIS B9920 Class 3, BS5295 Class C, Class M10,000 as per KS27030.1 and equivalent classes of VDI2083 and AFNOR X44101 <p><u>Downflow and Exhaust Filter Type</u></p> <ul style="list-style-type: none"> ULPA filter with integral metal guards and filter frame gaskets; fully compliant with EN 1822 and IEST-RP-CC001.3 requirements (each cabinet has individual downflow and exhaust filters) <p><u>Filter Efficiency Ratings</u></p> <ul style="list-style-type: none"> Minimum: 99.9995% at 0.3µm / 99.9994% at 0.12µm / 99.9991% at MPPS Typical: 99.9999% at 0.3µm / 99.9999% at 0.12µm / 99.9999% at MPPS <p><u>Noise Level</u></p> <ul style="list-style-type: none"> <60 dBA at initial blower speed setting (according to NSF49, reading based on 4 feet model, subject to acoustic properties of test environment) 	Per Pc.

		<p style="text-align: center;"><u>Light Intensity</u></p> <ul style="list-style-type: none"> • >1200 Lux / >1115 foot candles, measured at work surface level (zero background) as per NSF49 test grid <p><u>Main Body Construction</u></p> <ul style="list-style-type: none"> • 1.5mmt / 0.06" / 16 gauge electro-galvanised steel with white oven-baked epoxy powder-coated finish • Side Wall Construction Colourless and transparent UV absorbing 5 mm/0.2" tempered glass • Work surface Construction 1.2 mmt/0.05" 18 gauge stainless steel grade 304 with BA finish <p><u>Maximum Power Consumption/ Current</u></p> <ul style="list-style-type: none"> • 220-240VAC / 50Hz 1Ph 312W / 1.35 A <p><u>Net Weight</u></p> <ul style="list-style-type: none"> • 225 Kgs/ 495 lbs <p><u>Standard Accessories</u></p> <p>Item Code; UV-30 A 3 ft UV- Lamp Item Code; CODE H Electrical Socket Outlet Item Code; SPC - 4A 0 Support Stand with castor wheels, 28.0" 710 mm height Item Code; SF - 2U American Style Universal Service Fitting for Air/Gas/Vacuum/Nitrogen</p> <ul style="list-style-type: none"> • Model No. : Item Code: AC2-4E1 <p>Optional Accessories :</p> <p>Electrical Socket Outlet American Style Universal Service Fitting for Air/Gas/ Vacuum/Nitrogen Ergonomic Foot Rest Ergonomic Lab Chair (Blue Color) Exhaust Collar Support Stand with castor wheels, 28.0" 710 mm height Support Stand with castor wheels for 34.0"/860 mm Support Stand with Levelling feet adjustable height from 29.5"/750 mm - 32.5"/825 mm Support Stand with Levelling feet adjustable height from 35.4"/900 mm - 38.4"/975 mm Formalin Vaporiser Plastic bag for Biosafety Cabinet Motorized adjustable support stand Bunsen burner with foot switch</p>																			
20	Ultra low temperature freezer (-86°C)	<table border="1"> <tr> <td colspan="2" data-bbox="493 1417 1295 1503"><u>ULTRA LOW FREEZER (-86°C) – Ultra Freeze – UPRIGHT/CHEST TYPE</u></td> </tr> <tr> <td colspan="2" data-bbox="493 1503 1295 1549"><u>DESIGN:</u></td> </tr> <tr> <td data-bbox="493 1549 711 1608">Exterior</td> <td data-bbox="711 1549 1295 1608">Outer cabinet made of CRCA sheets with polyester powder coat.</td> </tr> <tr> <td data-bbox="493 1608 711 1654">Interior</td> <td data-bbox="711 1608 1295 1654">Inner tank made of stainless steel AISI 304 grade.</td> </tr> <tr> <td data-bbox="493 1654 711 1713">Shelves/ Trays</td> <td data-bbox="711 1654 1295 1713">Four compartments using stainless steel shelves.(for upright type)</td> </tr> <tr> <td data-bbox="493 1713 711 1772">Sub-doors</td> <td data-bbox="711 1713 1295 1772">Individual sub-doors for each compartment made of Poly acrylic sheets/Foam.</td> </tr> <tr> <td data-bbox="493 1772 711 1831">Insulation</td> <td data-bbox="711 1772 1295 1831">Non-CFC, high density, Polyurethane Foam insulation of 150mm thickness.</td> </tr> <tr> <td data-bbox="493 1831 711 1877">Closure</td> <td data-bbox="711 1831 1295 1877">Durable magnetic rubber gaskets of twin circuits.</td> </tr> <tr> <td data-bbox="493 1877 711 1936">Main Door</td> <td data-bbox="711 1877 1295 1936">PUF insulated, main door with inner FRP lining and lock.</td> </tr> </table>	<u>ULTRA LOW FREEZER (-86°C) – Ultra Freeze – UPRIGHT/CHEST TYPE</u>		<u>DESIGN:</u>		Exterior	Outer cabinet made of CRCA sheets with polyester powder coat.	Interior	Inner tank made of stainless steel AISI 304 grade.	Shelves/ Trays	Four compartments using stainless steel shelves.(for upright type)	Sub-doors	Individual sub-doors for each compartment made of Poly acrylic sheets/Foam.	Insulation	Non-CFC, high density, Polyurethane Foam insulation of 150mm thickness.	Closure	Durable magnetic rubber gaskets of twin circuits.	Main Door	PUF insulated, main door with inner FRP lining and lock.	Per Pc.
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21	Elisa Reader	<ul style="list-style-type: none"> • Optical system The optical system of the ELISA READER should meet the requirements of current EIA technology, offering a linear measurement range up to 2.0 absorbance units. Up to eight filters can be installed in the ELISA READER eight-position filter wheel. Three filters should be supplied free-of-charge with the instrument. Maintenance needs should be minimal as a result of optimal instrument construction • Flexible internal software The onboard software of ELISA READER should end point and kinetic reading modes. Flexible cut-off calculations and curve fit algorithms give ELISA READER increased flexibility for data manipulation in various diagnostic applications. The extended memory holds up to 64 assay protocols • Software for PC control ELISA READER should also be controlled by computer. The powerful Software should be supplied free-of-charge with the instrument • Wavelength selection Filters • Wavelength range 400 – 750 nm • Filters 8-position filter wheel. • Standard filters 405 nm, 450 and 620 nm. • Read-out range 0 – 3.5 Abs • Linearity 0 – 2 Abs, $\pm 2.0\%$ at 405 nm 	Per Pc.																																										

		<ul style="list-style-type: none"> • Accuracy $\pm 2.0\%$ or ± 0.007 Abs whichever is greater, typical value $\pm 1\%$ (0 - 2.0 Abs) at 405 nm • Precision CV $\leq 0.5\%$ (0.3 - 1.5 Abs) at 405 nm CV $\leq 1.0\%$ (1.5 - 2 Abs) at 405 nm • Resolution 0.001 Abs • Plate types 96-well plate • Measurement speed 5 s, 96-well plate • Light source Quartz tungsten halogen lamp • Detector Eight (8) silicon photo detectors • Shaking Linear shaking, 3 speeds • User interface On-board or PC control • Computer interface RS-232C serial interface 	
22	Refrigerated high speed research centrifuge	<p><u>Refrigerated High speed Centrifuge Machine.</u> High speed refrigerated research centrifuge with control panel having step less speed regulator, digital speed meter, brushless motor, 0-99 minutes digital timer, digital temperature indicator cum controller, alarm, dynamic brake, zero start interlock, imbalance switch off safety device and push button switch cum indicator. Main unit only supplied without rotors and voltage stabilizer. The centrifuge chamber is made of stainless steel and having CFC free cooling system with digital temperature indicator cum controller an working temperature range from -10°C to 40°C</p> <p>Maximum speed : 20000 rpm Maximum rcf : 34500 g Maximum capacity : 400ml. Maximum tube size : 100ml. Lowest temperature : -8°C Width : 890mm Depth : 627mm Height : 575mm Connected load : 1.6KVA Power Supply : 220V\Single Phase \ 50Hz</p>	Per Pc.
23	Micro pipette (0.5 to 20 μl)	<p><u>SINGLE CHANNEL.</u></p> <ul style="list-style-type: none"> • Fully autoclavable. • Rotating push button for secured adjustment. • Supportive finger rest. • Personal identification tag • Super blow out • Compatible with most common tip makes. • Easy in lab calibration. • High performance. • 3 years warranty. • Completely imported. • Variable volume range available : 0.5 to $20\mu\text{l}$, 20 to $200\mu\text{l}$, 100 to $1000\mu\text{l}$, 200 to $1000\mu\text{l}$, 1 to 5ml. 	Per Pc.
24	Vacutainer 10 ml	Vacutainer with Vacutainer Needle for 10 ml with rubber cap.	100's pack
25	Vacutainer 5 ml	Vacutainer with Vacutainer Needle for 05 ml with rubber cap.	100's pack
26	Serum	1.8 ml capacity	1000's

	collection cryo vials		pack
27	Bistury	Sharp 6" ss	Per Pc.
28	Instruments Trolley	ss 24"x18"x32" Manufacture must be ISO certified	Per Pc.
29	Swab Holder	Swab Holder 18" long SS	Per Pc.
		<i>For localization of metallic foreign bodies, portable transistor type highly sensitive electronic, probe & with housing containing 4 batteries 1.5 volts & electronic controls with optical and acoustical indication through earphone in a carrying case with manufacturer identification Manufacturer must be ISO certified</i>	Per Pc.
30	Hoof Trimming Set containing :	Hoof Trimming Set containing : <ul style="list-style-type: none"> - Claw & Hoof Cutters with multiple action & interchangeable blades - Claw Cutter Straight pointed 25 cm - Hoof Knife Right with White Wooden Handle Left with White Wooden Handle - Hoof Buffer Length 16.5 cm with 4.2 cm wide Blade with Wooden Handle - Hoof Hammer with Wooden Handle with manufacturer identification Manufacture must be ISO certified	Per Pc.
31	Mayo surgical scissors	SS 6" Straight & Curved	Per PC.