

Tender Document

For Purchase of Scientific Equipment / Motor bike for IFP

निविदा दस्तावेज

व.उ.सं. के उपकरण खरीद के लिए



Institute of Forest Productivity

वन उत्पादकता संस्थान

Lalgutwa, Ranchi -835303

लालगुटवा, रांची - ८३५३०३

2014-15

SL. NO. / क्रम संख्या -----

STORE SECTION / भण्डार प्रभाग
INSTITUTE OF FOREST PRODUCTIVITY
(INDIAN COUNCIL OF FORESTRY RESEARCH & EDUCATION)
P.O. LALGUTWA, RANCHI – 835303

वन उत्पादकता संस्थान
(भारतीय वानिकि अनुसंधान एवं शिक्षा परिषद)
पो. ओ. लालगुटवा, रांची - ८३५३०३

TENDER NO: 31 / 2014-15 Gen – III – 28/ 2002-2003 (X)

DUE DATE / देय तिथि: 28.11.2014 at 5 PM

OPENING DATE/ खुलने की तिथि : 01.12.2014 at 11 AM

CONTENT OF TENDER PAPER / निविदा का विषय वस्तु :

THIS PAPER INCLUDES THE FOLLOWING DOCUMENTS

1. Tender Notice (Chapter I) / निविदा सूचना (पाठ - १)
2. Terms & Conditions (Chapter II) / शर्त एवं नियम (पाठ २)
3. Description of the items, specification (Chapter III) / वस्तु का वर्णन एवं वितरण (पाठ ३)
4. Agreement (Chapter IV) / राजीनामा पत्र (पाठ ४)
5. Format for Bank Guarantee (Chapter V) / बैंक वैधता का प्रपत्र (पाठ - ५)

Issued to M/S/ -----

STORE SECTION / भण्डार प्रभाग
INSTITUTE OF FOREST PRODUCTIVITY
(INDIAN COUNCIL OF FORESTRY RESEARCH & EDUCATION)
P.O. LALGUTWA, RANCHI – 835303
BIDDING DOCUMENTS

वन उत्पादकता संस्थान
(भारतीय वानिकि अनुसंधान एवं शिक्षा परिषद)
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CHAPTER – I Instruction to Bidders/ पाठ - १ बोलीदाता के निर्देश

Sealed Tenders are invited from proven indigenous / bona -fide manufactures OR if manufactures are not directly marketing, then in that case from their Sole agents / Distributors / Authorized dealers for supply of the following items for this Institute.

निम्नलिखित सामग्री आपूर्ति करने के लिए स्वदेशी सावित /सदाशायी निर्माण या विनिर्माण के अगर सीधे विपणन न हो तो उनके एक मात्र वितरक बंद सिल निविदा के लिए आमंत्रित किया जाता है

SL.NO. क्र.सं.	Tender No.31 2014-15	Name of the Items / सामग्री का नाम
1		1.Gel documentation system 2. Refrigerated centrifuge 3.a Electrophoresis power supply 3b-i). Gel Electrophoresis Assembly (Large) 3b-ii). Gel Electrophoresis Assembly (Small) 4.Mini centrifuge 5.Electronic balance 6. 5 KVA online UPS with battery and stand 7. Hot Water bath 8. Magnetic Stirrer Cum Hot plate 9. pH meter 10. Liquid nitrogen container 11. Seed Analyzer 12. Vertical Autoclave (Programmable) 13. Motor Bike

The details of the above items and other terms and conditions are available in the tender document, obtainable from the purchase officer, Institute of Forest Productivity, Ranchi-835303, on payment of Rs. 225.00 by Crossed Demand Draft in favour of the Director Institute of Forest Productivity, Ranchi on all working days during working hours. The Tenders should reach this office on or before **28.11.2014 up to 5 PM**, which will be opened on **1.12.2014 at 11 AM** in presence of the tenderers or their authorized representatives if any. Any or all tenders can be rejected by the Director, IFP, without assigning any reason. The tender forms and specification are also available at website [http:// www.icfre.org/](http://www.icfre.org/) www.ifpranchi.co.in. The tender form down loaded from the above websites must include Rs.225/-as tender fee along with the tenders submitted.

निविदा प्रपत्र के शर्त एवं नियम निविदा दस्तावेज में उल्लेखित है जिसे वन उत्पादकता संस्थान राँची के खरीद अधिकारी से २२५/- के बैंक ड्राफ्ट निदेशक वन उत्पादकता संस्थान राँची के नाम से देकर किसी भी कार्य दिवस में प्राप्त किया जा सकता है . निविदा इस कार्यालय को **28.11.2014 अपराह्न 5 PM** बजे तक पहुँच जाना चाहिए जो कि 1.12.2014 पूरवाहन् **11PM** बजे निविदा कर्ता या निविदा प्राधिकृत के समकक्ष खोला जायगा . किसी कारण से निदेशक वन उत्पादकता संस्थान राँची निविदा रद्द कर सकता है . निविदा प्रपत्र वेवसाइट [http:// www.icfre.org/](http://www.icfre.org/) www.ifpranchi.co.in पर उपलब्ध है जिसे आप वेवसाइट से प्राप्त कर सकते है . निविदा के साथ २२५/- का बैंक ड्राफ्ट जमा करे .

Chapter- 2: Conditions of contract

पाठ - २ शर्तें

Terms & conditions / नियम एवं शर्तें

1. Tenders are invited (in Two parts) for supply of materials as indicated in the attached schedule.

निर्देशित सामग्री की आपूर्ती के लिए दो भाग में निविदा आँमत्रित किया जाता है

2. Envelope containing the tender shall be superscripted as "Tender for supply of scientific equipments"/Motor Bike.

बैज्ञानिक उपकरण/ मोटरसाइकिल आपूर्ती के लिए लिफाफे पर अंकित होना चाहिए

3. Tender must be submitted, in duplicate, in sealed covers in the line of Annexure – A. The envelope must be superscripted with the Tender Number and the date and time of submission and put in the Tender Box provided for this purpose before **5 PM on 28.11.2014**.Tenders may also be sent by post where in receipt will not be issued.

निविदा दो भागों में (वास्तविक एवं अनुरूप) बंद लिफाफे में जमा किया जाना चाहिए . लिफाफे पर निविदा संख्या एवं दिनांक अंकित होना चाहिए तथा दिनांक **28.11.2014** को **5** बजे के पूर्व निविदा बाक्श में छोडा जाना चाहिए . डाक द्वारा भी निविदा भेजा जा सकता है

4. Received Tenders will be opened at **11 Am. on 1.12.2014** before the attending tenderers or their authorized representatives.

प्राप्त निविदा को निविदाकर्ता / निविदा कर्ता के द्वारा भी अधिकृत ब्यक्ति के सामने प्रवाहन् 11 बजे दिनांक 1.12.2014 को खोला जायगा .

5. The rate shall be quoted on FOR destination (IFP, Ranchi) basis in line of Annexure – B (Price bid format). The items to be supplied will have to be as per specification and price of item to be quoted as per price bid format and accordingly supply order. The rates of taxes and duties applicable should be quoted. The supplier will be required to pay the requisite tax, as applicable to govt. of Jharkhand and Govt. of India as applicable. The safe arrival of goods at destination shall be the responsibility of the supplier.

संविदा में सामग्री का दर संस्थान वन उत्पादकता संस्थान रांची का निर्धारण होना चाहिए. सामग्री का Specification के अनुसार एवं आपूर्ति आदेश के अनुसार सामग्री का आपूर्ति करेंगे . कर एवं अन्य ड्यूटीज जो लागु हो भी संविदा में कोट करनी चाहिए. आपूर्ति कर्ता ही राज्य एवं केन्द्र के कर को भुगतान करेगे जो लागु हो सामग्री की गंतब्य स्थान तक सुरक्षित पहुंचाने की जिम्मेवारी आपूर्ति कर्ता की होनी चाहिए .

6. The rate may be quoted in Indian Currency. No rate quoted in Foreign Currency will be entertained

सामग्री का दर भारतीय मुद्रा में अंकित हो सकता है . विदेशी मुद्रा मे सामग्री के दर को शामिल नहीं किया जायगा .

7. The materials are required to be delivered in full and within 30 days after acceptance of the offer.

आदेश के बाद 30 दिनों के अंदर पूर्ण सामग्री को वितरण हो जानी चाहिए .

8. The prices quoted must be FIRM till delivery, and the offers made must remain open for acceptance till THREE MONTHS from the due date of opening of the tender (withdrawal of offers within original validity of three months is not allowed). The prices offered should be given preferably both in words and figures. Price escalation will not be allowed.

मूल्य का उद्धृत सामग्री वितरण हो जाने तक होनी चाहिए और निविदा खुलने के बाद से प्रस्ताव तीन माह तक के लिए स्वीकृति के लिए खुला रहेगा . सामग्री का मूल्य अंक अक्षरो मे प्रस्तावित होनी चाहिये. मुल्य वृद्धि स्वीकार नहीं होगी.

9. Normal terms of payment will be 100% payment within 30 days after receipt and acceptance of goods in satisfactory working condition after installation. Other terms of payment should be clearly spelt in the offer.

सामान्य शर्त के अनुसार भुगतान 30 दिनों के बाद सामग्री की स्वीकृत सामग्री की संस्थापन एवं सामग्री की कार्य से संतुष्टी होने के बाद ही भुगतान होगी। भुगतान की अन्य शर्त प्रस्ताव में साफ कही हुई है।

10. The supplier will have to install commission and test the equipment at the laboratories. आपूर्तिकर्ता उपकरण को प्रयोगशाला में संस्थापित एवं उपकरण की जाँच करेंगे।

11. Printed terms and conditions of the vender shall not be considered. Tenderers are requested to submit their offer complete in all respects maintaining serial number of items, terms and conditions as per tender documents along with all supporting documents failing which offer may not be considered and no further clarification on technical commercial aspects may be entertained.
12. The tenderer should also specify regarding Dealership of Proprietary item and a copy of the latest certificate should be produced with the tender issued by the manufacturing firm.
निविदाकर्ता को सामग्री के संबंधित बनानेवाली फर्म का प्रमाण-पत्र प्रस्तुत करना होगा।
13. Two years' on site compressive WARRANTY for all the items and works is required. Necessary certificate to be providing.
दो वर्ष की गारंटी सभी सामग्री एवं कार्य पर लागू रहेगा।
14. Firm delivery period should be specified. The required delivery schedule for completion of supplies is 01 (one) month from the date of receipt of demand/ supply order in 01 (one) lot/ phase.
वितरण फर्म अवधि विशिष्ट रूप से बताया जाए। आदेश पत्र प्राप्त होने के एक माह के बाद सामग्री का वितरण हो जाना चाहिए।
15. Supply order, if placed will be subject to the terms and conditions separately.
आपूर्ति आदेश अलग से होगा यदि स्थान परिवर्तन किया जाए।
- 16. EARNEST MONEY / PERFORMANCE BANK GUARANTEE**
vfxæ /ku jkf'k@mi yfç/k dh xkjð/h nçkA
- a) The tender should accompany a DEMAND DRAFT of Rs.10000/- as earnest money (EMD).EMD in the form of FDR / Demand Draft (payable to Director IFP, Ranchi) must accompany the Part – I of the bid. For unsuccessful tenderer EMD shall be refunded immediately after finalization of the tender. EMD shall be forfeited if any tenderer withdraw their offer before finalization of the tender or fails to submit offer of acceptance within 7 days from the date of order.
(अ) 10000/- की अग्रिम धन राशि माँग-पत्र/फिक्सड डिपोजिट के रूप में निदेशक, व.उ.सं., राँची के नाम से निविदा के साथ होनी चाहिए। असफल निविदाकर्ता का अग्रिम धन राशि निविदा के निर्णायक के बाद तत्काल लौटा दिया जाएगा।यदि निविदाकर्ता निविदा के निर्णायक के पूर्व अपना निविदा वापस ले लेता है आदेश की तिथि से 7 दिनों अंदर प्रस्ताव जमा नहीं करने पर अग्रिम धन राशि को रख लिया जाएगा, ।
- b) One week time shall be given in the order to the successful tenderer to furnish the performance Bank Guarantee. The supplier should have to submit a PBG or performance security in the form of Bank Guarantee or FDR @ 5% of total order value from a commercial Bank in an acceptable Form/Performance security which should remain valid for a period of 24 months beyond the date of completion of all contractual obligations of the supplier including the warranty obligation.
(ब) सफल निविदाकर्ता को आदेश के एक सप्ताह के अंदर बैंक गारंटी राशि जमा करना होगा। आपूर्तिकर्ता बैंक गारंटी आदेश मूल्य के 5% दर से जमा करेंगे तथा जिसकी नियत समय 24 माह का होगा।

17. JURISDICTION: /vf/kdkj {ks=

Only the courts at Ranchi in the Jharkhand State will have the jurisdiction to deal with and decide any legal matter or dispute whatever arises out of our contract.

केवल झारखंड राज्य के राँची जिला के कचहरी में ही वैधानिक (विवादित) विषय पर कार्य विषयवस्तु स्वीकार्य है।

18. General terms and conditions for submission of offers:

सामान्य नियम एवं शर्तें प्रस्ताव के साथ जमा करने के लिए

(a) The complete offer should be typed in the letter head of the tenderers (Hand written Tender will be summarily rejected). If firm's letter heads are not sufficient to accommodate technical and pricing details & preferably bigger papers are used, such sheets along with other papers of the offer should be signed and stamped by company's authorized signatory.

टंकित किया गया ही निविदा स्वीकार्य होगा। हाथ से लिखा निविदा स्वीकार नहीं होगा। निविदा के सभी पन्नों पर कम्पनी का हस्ताक्षर एवं मुहर होनी चाहिए।

(b) The firms must indicate their Fax No., Telephone No. Email address, PAN No. , JST/ CST No., Tin No. Excise code No. Registration No.etc (wherever applicable) on the printed letter head.

फर्म अपना फैक्स नं./दूरभाष सं. / ईमेल, पैन नं. , जे. एस. टी./सी. एस. टी., टिन नं., एक्साइज कोड नं. अवश्य अंकित करें। पंजीकरण संख्या आदि छपे हुए पत्र पर अंकित करें।

(c) ALL PAGES OF TENDER DOCUMENTS/ OFFER ALONG WITH ENCLOSURES SHOULD BE SIGNED WITH NAME AND DESIGNATION AND HAVE COMPANY'S SEAL.

निविदा के सभी कागजातों के पन्नों पर कंपनी के हस्ताक्षर एवं मुहर होनी चाहिए।

(d) Tenders erased or overwritten will be summarily rejected unless corrections are authenticated with the tenderer's signature.

निविदा काट-छांट या ओवर राइटिंग के साथ अस्वीकार होगा।

(e) The tenders should be submitted as per the instructions given in SCHEDULE OF TENDER SUBMISSION; (ANNEXURE – A). Tenders not submitted in the line of Annexure – A shall not be considered.

निविदा के निर्देशानुसार ही निविदा जमा करनी चाहिए।

(f) NO DOCUMENT PRESENTED BY THE BIDDER AFTER THE CLOSING DATE AND TIME OF THE BID WILL BE ENTERTAINED OR ADMISSIBLE OR TAKEN INTO ACCOUNT BY IFP UNLESS OTHERWISE CALLED FOR BY IFP.

(g) Director, IFP reserves the right to reject or accept or withdraw the tender in full or part as the case may be without assigning reason thereof. Tenderers are advised to carefully note that deviation in these terms will not be entertained.

निदेशक , व.उ.सं., राँची बिना कारण के निविदा रद्द या स्वीकृत करने के लिए कानूनी तौर पर सुरक्षित है।

(h) Decision of the tender committee will be final and binding on all tenderers. Regarding preference of brand / model of the equipments / instruments/

glasswares/ chemicals decision of technical committee shall be final. The committee will scrutinize the past performance of the manufacturing firm / supplier including maintenance component, which will be also a criteria while deciding the final procurement of equipments.

अंतिम निर्णय निविदा समिति एवं तकनीकी समिति का होगा। तकनीकी समिति पूर्व आपूर्तिकर्ता के समानों का कार्य-प्रणाली का, रख-रखाव की स्थिति का जाँच के आधार पर उपकरण खरीद के लिए अंतिम निर्णय होगा।

Enclosures of the tender document/ निविदा दस्तावेज के साथ सगलग्न	
1. Schedule of tender submission	Annexure – A
2. Price Bid Format	Annexure – B
3. Detail technical specifications (Scope of supply/ Schedule of requirement)	Annexure - C

ANNEXURE – ‘A’

SCHEDULE OF TENDER SUBMISSION/ fufonk tek djuk

Tender should be submitted in TWO – PARTs (PART I & PART II), the Part – I(Technical bid) of the tender will consist of proof of payment of Tender fee and EMD, and all technical details along with commercial terms & conditions, while the Part – II (financial bid) shall consist of item wise price for the items mentioned in the technical bid.

ALL PAGES OF TENDER DOCUMENTS/ OFFER ALONGWITH ENCLOSURES CONSISTING OF Part - I and Part – II SHOULD BE SIGNED WITH NAME & DESIGNATION AND HAVE COMPANY’S SEAL.

The technical bid and the financial bid should be sealed by the bidder in separate covers duly suprescribed and both these sealed covers are to be put in a bigger cover which should also be sealed and duly suprescribed .

PART – I : Consisting of (a) proof of payment of tender fee (Photocopy of Cash receipt), (b) Draft towards Earnest Money, (c) technical offer and a checklist showing deviations from the technical specifications (d) commercial terms & conditions and a checklist showing deviations, if any, from the NIT commercial terms & condition against each clause, (e) Blank format of price bid (price format as per Annexure – B), as quoted by the tenderers (WITHOUT PRICE) along with confirmation that price bid have been carefully prepared and signed on all pages of price bid. Full specifications, details and information regarding the articles to be supplied such as make, size etc. along with original catalogue etc. to be furnished with the technical offer. The list of users of goods of similar or same nature in the country should also be enclosed.

Envelope containing the above shall be properly sealed ONLY by sealing wax embossed with logo or monogram of the tenderer and must be super scribed with the “Tender No. and its date and time of submission Part – I” on the left hand corner side.

PART – II: - Shall consist of details of prices ONLY (price format as Annexure – B). The price bids of only those tenderers whose offer in Part – I is found technically and commercially acceptable will be opened.

Envelope containing the above shall be properly sealed ONLY by sealing wax embossed with the logo or monogram of the tenderers and must be superscribed with the “Tender No. and its date and time of submission, Part – II (Price bid)” on the left hand corner side.

निविदा दो भागों में जमा किया जाए (खंड 1 एवं खंड2) प्रथम खंड (तकनीक बीड) के साथ निविदा शुल्क, अधिग्रहण राशि एवं तकनीक विवरण के साथ व्यवसायिक नियम एवं शर्तों के साथ जबकी खंड 2 के साथ (वित्तीय बीड) सामग्रीनुसार मूल्य अंकित रहेगा। खंड 1 एवं खंड 2 के सभी पन्नों पर कंपनी का हस्ताक्षर एवं कंपनी की मुहर होनी चाहिए। तकनीकी बीड एवं वित्तीय बीड दोनों अलग-अलग सील किए हुए लिफाफे में होने चाहिए तथा दोनों लिफाफे एक बड़े एवं सील किए हुए बड़े लिफाफे पे होने चाहिए /

पार्ट 1 लिफाफे को केवल सीलिंग वैक्स द्वारा ही सील पर निविदाकर्ता अपना लोगो या मोनोग्राम लगावें। खंड 1 के साथ निविदाशुल्क की छायाप्रति , अग्रिम धनराशि, तकनीकी प्रस्ताव, सामग्री की तकनीकी विशिष्टता , व्यवसायिक नियम एवं शर्तें हों। सामग्री का पूर्ण विषलेक्षण तथा जानकारी/सूचना होनी चाहिए जो आपूर्ति किया जाएगा (बनाने की कंपनी, आकार, आदि) तथा साथ में संचालिका (कैटलोग) ही सीलड लिफाफे के बायें तरफ निविदा सं., दिनांक तथा जमा करने का समय अंकित होने चाहिए।

पार्ट 2 – दूसरे भाग में केवल सामग्री का विस्तृत रूप में मूल्य विवरण होगा। लिफाफे को पूर्ण रूपेन सीलड होनी चाहिए। लिफाफे के बायें तरफ निविदा संख्या, दिनांक तथा निविदा जमा करने का समय अंकित हो।

SUBMISSION OF TENDERS/ fufonk tek djuk

- (I) All the above mentioned envelopes containing the tenders shall be properly sealed ONLY by sealing wax embossed with the logo or monogram of the tenderers. Envelopes sealed by ONLY Gum or staples shall not be accepted.
- (II) The envelopes containing tenders(Part – I & Part – II) must be superscribed with the Tender No. and date, time of submission on the left hand corner side as per instructions above.
- (III) Tenders not submitted in the above manner will not be accepted.
- (IV) The tenderers will keep their offers valid for a period of THREE MONTHS from the date of opening of the Part – II.
 - 1) सामान्यतः निविदा के लिफाफे सीलिंग वैक्स द्वारा ही सीलड एवं लोगो(मोनोग्राम) होनी चाहिए। स्टेपलर्स / गोंद द्वारा सीलड किया लिफाफे स्वीकार्य नहीं है।
 - 2) निविदा के भाग एक एवं भाग दो लिफाफे पर निविदा संख्या, तिथि एवं निविदा जमा करने का समय लिफाफे के बायें तरफ दर्शायें।
 - 3) उपरोक्त तरीक से पेश नहीं की गई निविदायें स्वीकार नहीं किए जायेंगे।
 - 4) निविदायें उनके प्रस्ताव का मान्य भाग दो खोलने के तीन महीने की अवधि के लिए निविदायें रखना होगा।

COST OF TENDER DOCUMENT AND THEIR SALE/ fufonk nLrkost , os mudh fcdh dh ykxr

Tender forms against advertised tenders shall be charged for and the tender fee is indicated in the advertisement itself. Tender forms purchased by one firm are not transferable to another firm. Tender fees shall be received in the

manner indicated in the advertisement. A Cash Receipt will be issued for the fee. Tender forms shall be issued to the firm on the basis of such cash Receipt. Sale of tender paper shall be closed 1 (one) day prior working day to the last date of receipt of the tender i.e. on 27.11.2014

विज्ञापित निविदा के खिलाफ निविदा प्रपत्रों के लिए चार्ज किया जाएगा और निविदा शुल्क विज्ञापन स्वयं में संकेत दिया है। निविदा एक फर्म द्वारा खरीद करने पर हस्तांतरणीय नहीं है।

निविदा शुल्क विज्ञापन में दी गए तरीके से प्राप्त किया जाएगा। एक नकद रसीद शुल्क के लिए जारी किया जाएगा। निविदा रूपों जैसे नकदी रसीद के आधार पर फर्म को जारी किया जाएगा। निविदा प्राप्ति तिथि से एक दिन पूर्व निविदा बिक्री बन्द कर दिया जाएगा।

EXTENSION OF DUE DATE OF TENDERS/ fufonkvka dh fu; r rkjh[k dk foLrkj

Normally the last date of submission of tender shall not be extended. In case, however, where extension cannot be avoided, the decision shall be communicated to the individual tenderers who have purchased the tender forms and a new notice of extension of date of tender shall be published in the Newspapers and will be available on respective websites of IFP.

वर्कसुं ij fufonk ÁLrqr djus dh vfire frffk dks c<k; k ugha tk, xkA ekeys ea dS s dHkh tgi foLrkj Vkyk ugha tk l drkj fu.kz; 0; fDrxr] fufonkvka tks fufonk : i ka vksj fufonk dh rkjh[k ds foLrkj dk , d u; k ukfVI [kjhnk gS fd l fipr l ekpkj i = ea i dlf'kr fd; k tk, xk rFkk o-m-l a ds c; ol kbV ij mi yC/k gksxkA

RECEIPT OF TENDER/ fufonk i kflr

The last date and hour for submission and receipt to tenders is stated in the schedule of tendering. If the tenders are sent by post the tender must be sent in double covers. The inside cover should bear Tender No. The outer cover should bear only the address of the purchaser without mentioning the Tender No.

fi Nys vksj ÁLrqr djus vksj fufonk i kflr ds fy, rkjh[k] ?ka/s] fufonk dh vuq fip dgk x; k gA vxj fufonk; a Mkd }kjk Hkstk tkrk gS fufonk Mcy doj ea Hkstk tkuk pkfg, A fufonk ds Ái j drk ds i rs dk mYys[k gksuk pkfg, A

DELAYED OR LATE TENDER/ fufonk ngj h

- ii) The due date of submission and opening of the tenders will be the same as far as practicable.

निविदा जमा करने एवं खोलने की तिथि वही होगी जो निविदा में है।

- iii) A tender which has not been received on the due date and before the due time of opening of the tender, the same will not be considered. No. relaxation in this respect will be entertained.

एक निविदा जो नियत तारीख पर नहीं किया गया हो, प्राप्त हुआ है और निविदा खोलने की वजह समय से पहले एक भी पर विचार नहीं किया जाएगा। इस संबंध में किसी प्रकार का छूट नहीं दिया जाएगा।

- iv) Tenders sent through Telegram, Telex, Fax or E-mail will not be considered.

टेलीग्राम , टेलेक्स, फ़ैक्स या ईमेल द्वारा भी भेजा गया निविदा स्वीकार्य नहीं होगा।

OPENING OF TENDERS/ fufonk [kgyuk

- I) Tenders viz. Part – I shall be opened on the due date and time of opening in the presence of the authorized representatives of the participating tenderers. Bids without Earnest Money or documentary evidence issued by Government authorities for according exemption towards submission of EMD will be ignored.
निविदाकर्ता के सदस्य की उपस्थिति में समय पर निविदा खोला जाएगा। निविदा के साथ सही कागजात एवं ई.एम.डी. नहीं रहने पर निविदा अमान्य होगा।
- II) Only representatives authorized in writing, by the respective tenderers shall be permitted to be present during the Tender opening, along with the condition of only one person per participating / attending tenderers.
निविदाकर्ता अपने सदस्य को लिखित रूप में उपस्थित होने के लिए प्रमाणित करने के बाद ही उनके सामने निविदा खोला जाएगा।
- III) Representative of a firm, who has NOT participated in the tender, shall not be permitted to be present at the time of opening of a tender.
भाग 2 निर्धारित तिथि को खोला जाएगा। जिस निविदाकर्ता का तकनीकी एवं व्यवसायिक जाँच के बाद ही स्वीकृत किया जाएगा।
- IV) Due date of opening part – II: Price bid shall be intimated later on only to those tenderers whose bids will be found technically & commercially acceptable after scrutiny.
निर्धारित समय के बाद निविदा किसी भी तरह से स्वीकार्य नहीं होगा।
- V) No amendment to a tender shall on any account be permitted after the due date and time of receipt of tender.

SIGNING OF ALL PAGES OF TENDER/ fufonk ds l Hkh i Uuka ij gLrk{kj

Tenderers must be signed with seal on all the pages of the tender, including all enclosures submitted with the tenders. In case the signature with seal is missing on any page of their price bid the firm will be told to comply with the same at the time of opening the tender, or otherwise the tender will be rejected.

In case the Tenderers submit self attested copies of registration certificate of DGS & D/NSIC, License from BIS and approval certificate issued by DGS & D/ other independent statutory bodies of Govt. of India, along with the tender, they will be asked to show the original copies of such documents for verification to satisfy about their authenticity.

निविदाकर्ता निविदा के सभी पन्नों पर संलग्नक के साथ हस्ताक्षर एवं मुहर निविदा जमा करने के साथ हो। यदि किसी पन्ने पर हस्ताक्षर एवं मुहर छूट जाने पर स्वीकार नहीं होगा।

SCOPE OF SUPPLY/ SCHEDULE OF REQUIREMENTS, TECHNICAL SPECIFICATION

1. GUARANTEE/ WARRANTY:

The supplier should have to provide the comprehensive warranty of satisfactory performance of all the units offered by them, for a period of two years including repairs/ replacement / maintenance of the items, failing which the security money will be forfeited. The period of warranty shall be reckoned from the date of commissioning or 18 months from the date of receipt and acceptance by IFP, Ranchi. The supplier shall be responsible for any defect that develop under the conditions provided for by the contract and under proper use, arising from faulty materials, design or workmanship and shall remedy such defects at their own cost when called upon to do so. If it becomes necessary for the supplier to replace or renew any defective portion of the goods, the supplier should make such replacement or renewal without any extra cost to IFP.

प्रत्येक सामग्री (उपकरण) के साथ आपूर्तिकर्ता को वारेन्टी एवं दक्षता का प्रमाण-पत्र होना चाहिए। वारेन्टी दो वर्ष का मान्य होनी चाहिए। किसी भी प्रकार की खामियां आने पर उपकरण का बदलाव एवं मरम्मत किया जाना होगा। यदि उपरोक्त विषय से हटने पर आपका राशि वापस नहीं होगा। यदि उपकरण वारंटी के तहत , बदलाव या मरम्मत के लिए किसी प्रकार का भूगतान नहीं किया जाएगा।

2. IDENTIFICATION MARKS:

Identification mark i.e. Makers name, etc. should be embossed/engraved/punched on materials at a visible place which is not subject to wear or tear for ease of identification at any point of time.

3. CONSIGNEE PARTICULARS: The Stores are required to be delivered to the consignee whose address is given below

**The Director
Institute of Forest Productivity
(Indian Council of Forestry Research & Education)
“ARANYODAYA”
Besides Ranchi – Gumla Road NH-23 (approx 1.5 KM. from Kathal More)
AT & PO. Lalgutwa, PS. Nagri
Dist.- Ranchi – 835 303, (Jharkhand)**

सेवा मे

निदेशक

वन उत्पादकता संस्थान

(भारतीय वानिकि अनुसंधान एवं शिक्षा परिषद)

(अरोणधाय)रांची गुमला राष्ट्रीय राजमार्ग संख्या -२३

पो. ओ. लालगुटवा, रांची - ८३५३०३

4. The consignee will do inspection and verification of goods.

CHAPTER 3: Description of items with specifications

Sl. No.	Name, Description & specification of the items	Qty Reqd.
1.	<p>Gel documentation system</p> <p>specifications</p> <ul style="list-style-type: none"> • Image resolution : >4 mega pixels • System linear dynamic range : 4.6 x 4.6 µm pixel size & >3.0 • System should have Stain-Free capability for stain-free gels and blots • Lens flat-fielding calibration • Footprint: Compact and small with maximum size of WxLxH of 27 x 44x 38 cm. • Completely automatic • Different sample trays: a) White , b) UV, c) Stain free and d) Blue • System should have UV, White light, & optional Blue light. • Sample trays should be customizable per user and recognized automatically. • System should require only one emission filter to accommodate a large portfolio of detection methods: ethidium bromide, SYBR® Green, SYBR® Safe, SYBR® Gold, GelGreen, GelRed, Fast Blast™, SYPRO Ruby, Flamingo™, Oriole™, CY3, rhodamine, green fluorescent protein, Hoechst, Krypton, silver stain, copper stain, zinc stain, Coomassie Brilliant Blue, Coomassie Fluor Orange, and other spectrally similar stains, labels, and dyes. • Software: should have highest level of automation in hardware calibration, image optimization, capture, and analysis. • Should have automated workflow recorded in a protocol file from image capture to results thus eliminating need for training. • Should allow 100% repeatability of the workflow by any user and ensures optimized image data and analysis from a gel in a single uninterrupted, fast, and completely reproducible workflow. • Should have automated image capture driven by a selected gel or blot application. • Should have one-button acquisition from image capture to result. • Should generate the publication ready images (dpi, dimension and format) with one click export option. • Should generate customizable reports. • Should have feature for Automatic print when only imaging and printing is required. • Software should have easy copy/paste functionality, crop, zoom, 3D and colors. • Voltage Stabilizer 	1
2.	<p>Refrigerated centrifuge</p> <p>specifications</p> <ul style="list-style-type: none"> • Max RPM: 16,400 min or more • Max RCF: 25,000×g or more • Must have backlit, full digit display 	1

	<ul style="list-style-type: none"> • Rotors, rotor lids and adapter must be auto-clavable (121°C, 20min). • Rotor lid must be made up of metal (non-plastic or polypropylene) • 24×1.5ml rotor must have third party certified aerosol tight lid must be autoclavable for two hours at 140°C to eliminate prior contamination • 24 Nos. of adaptors for 0.2 ml PCR tube must be provided • should have standby refrigeration facility • must maintain temperature of 4°C, even at maximum speed • must have soft brake function for delicate sample • preferable keypad operating system • must have fast cool function for fast pre cooling from room temperature to 4°C in approx. 14min • short spin function must be programmable • timer up to 99min or continuous run • temperature range : -9°C to +40°C • must have automatic shut off function after 6 hrs of non usage • noise level with rotor : <54Db • automatic imbalance detection • certification like IVD will be preferable • must have rotor option for swing bucket rotor 8×1.5/2ml (RCF approx 10500× g) • fixed angle rotor for 6×8 tube PCR strips to run at 10600 ×g rcf • 1.5ml centrifuge tube to run against 30000×g force, autoclavable must be supplied, at least 18000 pcs • Voltage Stabilizer 	
<p>3</p> <p>3a.</p>	<p>Electrophoresis assembly with Power supply</p> <p>Electrophoresis Power supply specifications</p> <ul style="list-style-type: none"> • 10-300V, fully adjustable in 1V steps. • 4-400 mA, fully adjustable in 1 mA steps. • Maximum power: 80 W • Built in timer (Fully adjustable: can be set in 1 minute increment or continuous mode) • Output Terminal: 4 pairs (4 gels can be run simultaneously.) • Pause/Resume function • Display: 3-digit LED • Operating conditions: 0-40 degree C, 0-95% humidity • Voltage stabilizer • Shock proof • Extremely silent operation • Safety features- <ol style="list-style-type: none"> a. No-load detection b. Sudden load change detection c. Over load/short circuit detection 	<p>1</p>

<p>3b.</p> <p>i)</p> <p>ii)</p>	<p>Gel Electrophoresis Assembly</p> <p>Gel Electrophoresis Assembly (Large)</p> <p>Specifications</p> <ul style="list-style-type: none"> • Gel dimensions (W×L) : 25×30cm • Maximum buffer volume : 3L • Maximum power setting : 1000V, 500mA,500W • Maximum sample capacity: 624 • Maximum running Temperature: 45°C • Indoor use : 4-40°C • Humidity : up to 80% • Unit dimension (w×l×h) : 35×56×9 cm • Buffer Chamber Assembly: 1 mm thick • 26 well combs 1.5 mm thick: 20 pcs • 52 wells comb 1.5 mm thick: 10 pcs • Safety lid • Colored loading strips • High voltage leads • Buffer Recirculation ports: 2 pics • W/casting Gates • Leakage proof gel casting/running tray • Electrodes: 1 anode, 1 cathode <p>Gel Electrophoresis Assembly (Small)</p> <p>specifications</p> <ul style="list-style-type: none"> • Gel dimensions (w × l) : 7×10 cm & 7 x 7 cm • Maximum power setting : 500V for (5 min or less), 500ma, 15W • Maximum sample capacity : 32 • Maximum temperature : 50°C • Indoor use : 4- 40°C • Humidity : up to 80% • Unit dimensions (L×H×W) : 24×7×13cm • UV transparent Casting Tray 7 x 7 cm: 1 • UV transparent Casting tray 7 x 10 cm: 1 • Buffer chamber • Safety lid with cables • 8 well comb 1.5 mm: 6 pcs. • 15 well comb 1.5 mm: 6 pcs. • Electrode set : 2 	<p>1</p> <p>1</p>
<p>4</p>	<p>Mini centrifuge</p> <p>specifications</p> <ul style="list-style-type: none"> • Capacity: 8×1.5/2.0ml tube rotor and 4 place PCR trip rotor • Maximum speed: 6000 rpm • Maximum CRF: 2000 × g • Electrical: 120v or 230V, 50/60Hz • Noise free operation 	<p>1</p>

5	<p>Electronic balance</p> <p>specifications</p> <ul style="list-style-type: none"> • Maximum capacity: 120g • Maximum capacity fine range: 42 g • Readability: 0.1 g • Readability fine range: 0.01 g • Repeatability: 0.08 mg (100 g) • Repeatability (fine range): 0.03 mg (40 g) • Repeatability (fine range at low load):0.02 mg (20 g) • Linearity deviation: 0.15mg • Sensitivity offset: 0.4mg (100g) • Weighing pan dimensions (mm): 80mm • Balance dimensions L×W×H (mm): 358×247×331 	1
6	<p>5 KVA ON LINE UPS with battery and Stand</p>	1
7	<p>Hot Water bath</p> <p>specifications:</p> <ul style="list-style-type: none"> • Bath type: water bath • Capacity (Liters): 10 • Min temperature (° C): 5 • Max temperature (° C): 100 • Temp control: PID • Temp display: LED, switchable between C and F • Uniformity: ±0.2°C • High-temperature cutoff: Yes • Wetted materials: Stainless Steel 	1
8	<p>Magnetic Stirrer Cum Hot plate</p> <p>specifications:</p> <ul style="list-style-type: none"> • Heating Temperature Range – 50 to 350°C • Stirring Range – 100 to 1000 RPM • Capacity – 5 L 	1
9	<p>pH meter</p> <p>specifications:</p> <ul style="list-style-type: none"> • Temperature Compensation: Selectable manual or automatic from 0 to 100°C • Operating Temp: 5 to 45°C • Memory: up to 100 sets • Display: dual LCD with temperature and mode enunciators • Upto five point pH calibration with auto buffer recognition • Range: -2 to16 pH • Resolution: 0.01pH • Accuracy: +/- 0.01pH 	1

10	<p>Liquid nitrogen container specifications:</p> <ul style="list-style-type: none"> • Capacity: 20 liter • Static holding time: minimum 45 days • It has canister and rack storage systems • Canisters hold samples in either the vapor or liquid phase depending on the liquid nitrogen level. • Temperatures are maintained from -184°C under the closed neck tube core to -196°C at the liquid nitrogen level. • Should have lightweight construction for easy handling • Should have Aluminum construction for durability. 	1
11	<p>Seed Analyzer (Near Infra Red)</p> <p>Specification</p> <ul style="list-style-type: none"> • With Near Infa Red analyzer facility for Protein, Fat, Moisture Determination in whole seeds. • Very fast measurement time and digital display on the result. Coarse sample and large seeds can be taken for analysis. Powerful Software for Routine Analysis and Calibration. • Able to calculate the morphological parameters of seeds like length, breadth, length-breadth ratio, area and shape from scanner image with advance cluster separation algorithms 	1
12	<p>Vertical Autoclave (Programmable)</p> <p>Specification</p> <ul style="list-style-type: none"> • Capacity: 25 - 50 liters • Programmable auto start, process status display, process mode for agar sterilization, lever to easily operate lid • Safety devices: Dual-sensing lid interlock, over-pressure power cutoff, over-temperature power cutoff, low-water power cutoff, mechanical pressure relief valve, microprocessor-controlled pressure relief valve, lid-closure detector, over-current detector and circuit breaker • Outer dimensions (W x D x H cm) : approximately 50 x 50 x 100 • Stainless steel accessories: Mesh wire baskets, buckets (pails), and round test tube racks • One Stabilizer (1 KVA) to run it 	1

MOTOR BIKE

1.	Motor bike	100-110 cc , 4 stroke engine with accessories	4 no
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Chapter – 4 : Agreement

The Supplier -----agrees to accept the terms and conditions of this bidding document in letter and spirit.

Name/ Seal of the Tenderer

Chapter-5 : Format for Bank Guarantee

To
Director
Institute of forest Productivity
Ranchi-Gumla NH-23
Lalgutwa,Ranchi-835303

Ref: Your Order No. -----For the supply and delivery of ----- has been accepted by

M/S.....

Sir,

In accordance with the terms of payment of the above referred order, we have agreed to pay the balance of 5% with an acceptable performance Bank Guarantee for 5% of the total contract value, viz. Rs..... for the due performance by the supplier of all its contractual obligations and it will be valid for a period of 24 months from the date of bank guarantee for this purpose you are requested to kindly accept our guarantee.

In consideration thereof, we hereby guarantee payment of and undertake to pay Rs. and remit to you on demand and without demur the sum of Rs. being 5% of the total value of the contract on receipt of your intimation that the Supplier has committed a breach of any of its contractual obligations.

This guarantee shall be valid for a period of 24 months from the date of Installation of the equipment in satisfactory condition or 24 months from the date of dispatch of the last lot of consignment whichever is earlier, and in any event shall expire on, You will have the right to file/make your claim on us under the guarantee after a period of sixty days from the said date of expiry of this Bank grantee.

This guarantee shall not be revoked without your express consent and shall not be affected by your granting time or any other indulgence to the supplies or by any change in the constitution of the Bank or the supplies or for any other reason whatsoever.

Not with standing anything, contained herein above, our liability under this guarantee is restricted to Rs... and this guarantee will remain in force up to and inclusive ofunless an action to enforce a claim under the guarantee is filed against us within sixty days from the date of expiry i.e. on or before

Signatory of the Bank with Seal