

# TENDER DOCUMENT

( CONSTRUCTION OF GOAT DEMONSTRATION UNIT AT  
INSTRUCTIONAL FARM OF KVK AT ICAR-CICR, PANJARI,  
KHAPRI PHATA, WARDHA ROAD, NAGPUR)



2022-23



भा.कृ.अनु.प. – कपास अनुसंधान संस्थान, नागपुर

पोस्ट बैग नं.2, शंकर नगर पोस्ट ऑफिस नागपुर-४४००१०

ICAR-CENTRAL INSTITUTE FOR COTTON RESEARCH

POST BAG NO.2, SHANKAR NAGAR POST OFFICE, NAGPUR-440010

ISO 9001 – 2015 Certified

**-कार्यालय-**

खापरी फाटा के पास, पांजरी वर्धा रोड, नागपूर, - ४४११०८

(फोन, न.07103&2755/36/38/39 फ़ैक्स, न ; 07103-275529)

Panjari, Near Khapri Phata, Wardha Road, Nagpur 441108

(Tel : 07103-275536, Fax : 07103-275529, EPABX : 07103-275637, 38, 39, 275617)

Website : [www.cicr.org.in](http://www.cicr.org.in) E-mail : [cicrnagpur@gmail.com](mailto:cicrnagpur@gmail.com)



भा.कृ.अनु.प. - केन्द्रीय कपास अनुसंधान संस्थान  
पोस्ट बैग सं. 2, शंकरनगर पोस्ट ऑफिस, नागपुर - 440010

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{Location: Near Khapari Phata, Panjari, Wardha Road, Nagpur - 441 108}



An ISO 9001-2015 Certified

GST No. 27AAAAI1830P3ZH

F. No. 02/Construction of Goat Demonstration Unit KVK/2022-23

Dated : 11-01-2023

**SUB: E-TENDER FOR “CONSTRUCTION OF GOAT DEMONSTRATION UNIT AT INSTRUCTIONAL FARM OF KVK AT ICAR-CICR, PANJARI, KHAPRI PHATA, WARDHA ROAD, NAGPUR”.**

1. Sealed e-tenders are hereby invited on behalf of the Director, ICAR-CICR, Nagpur for the contract of **CONSTRUCTION OF GOAT DEMONSTRATION UNIT AT INSTRUCTIONAL FARM OF KVK AT ICAR-CICR, PANJARI, KHAPRI PHATA, WARDHA ROAD, NAGPUR**. The details of Scope of work, Schedule of requirements and terms & conditions of the contract are given in the enclosed Annexures.
2. Details of the e-tender are given below:

**CRITICAL DATA SHEET (SECTION)**  
**(E-TENDER)**

E-TENDER NUMBER	F. No. 02/Construction of Goat Demonstration Unit KVK/2022-23
E-TENDER COST	Free of Cost.
DESCRIPTION OF WORK	<b>CONSTRUCTION OF GOAT DEMONSTRATION UNIT AT INSTRUCTIONAL FARM OF KVK AT ICAR-CICR, PANJARI, KHAPRI PHATA, WARDHA ROAD, NAGPUR</b>
TYPE OF E-TENDER BID	Two Bid System (Technical & Financial)
SUBMISSION START DATE AND TIME	13.01.2023 at 12.00 PM onwards
BID SUBMISSION END DATE AND TIME	02.02.2023 up to 04.00 PM
DATE AND TIME OF OPENING OF TENDERS (TECHNICAL BID)	6.02.2023 at 02.30 PM (Tentative)
DATE AND TIME OF OPENING OF E-TENDERS (FINANCIAL BID)	Will be intimated later
BID VALIDITY	90 days from the date of Technical Bid opening

EMD	Rs.36,500/- (Rupees Thirty Six Thousand Five Hundred Only) in the form of Demand Draft in favour of Director, ICAR-CICR, Nagpur.
EMD VALIDITY	90 days from the date of Technical bid opening
SECURITY DEPOSIT (SD) / PERFORMANCE BOND (PB)	Rs.91,000/- (Rupees Ninety One Thousand Only) in the form of Demand Draft/Bank Guarantee in favour of “Director, ICAR-CICR, Nagpur.
VALIDITY OF SD/PB	60 days after the expiry of the contract
Details of e-tender	E-Tender (Technical & Financial) uploaded on CPP Portal <a href="https://eprocure.gov.in/epublishing/app">https://eprocure.gov.in/epublishing/app</a> and cicr website <a href="http://www.cicr.org.in">www.cicr.org.in</a> from 13.01.2023 to 02.02.2023 upto 04.00 PM

3. Scope of the proposed work and other requirements connected to the contract, including formats of the bids, terms and conditions of the contract, etc. are enclosed to this E-Tender Invitation, as per the following details:

S.N.	Description	ANNEXURE	Page No.
1	Instructions For Online Bid Submission	ANNEXURE-I	04
2	Terms & Conditions	ANNEXURE-II	09
3	Price Bid	ANNEXURE- III	11
4	Firm’s Banking Information	ANNEXURE- IV	12
5	Tender Acceptance Letter	ANNEXURE-V	13
6	Instructions For Online Bid Submission	ANNEXURE- VI	14
7	Details of EMD	ANNEXURE- VII	17
8	Details of Work/Measurement sheet	ANNEXURE- VIII	18
9	Technical Specifications	ANNEXURE- IX	25
10	Drawing	ANNEXURE- X	28
11	Technical Bid (Checklist)	SCHEDULE - I	06
12	Undertaking	SCHEDULE - II	08

4. The entire e-tender documents including all Annexures, except the Financial Bid in Annexure IX, will be part of the Technical Bid which also must contain the EMD and all other requisite documents called for in the e- tender. Both bids (technical and financial) are to be submitted through E-tendering portal [www.eprocure.gov.in](http://www.eprocure.gov.in). & EMD must be submitted to ICAR-CICR, Near Khapri Phata, Panjari Farm, Wardha Road, Nagpur – 441108 before the last date of submission of E-Tender. Special instructions to the Contractors/Bidders for the submission of the bids can be downloaded from CPP Portal ([www.eprocure.gov.in/epublishing/app](http://www.eprocure.gov.in/epublishing/app)) and Institute website [www.cicr.org.in](http://www.cicr.org.in).

Yours faithfully,

**(A.A. Goswami)**  
**Chief Administrative Officer**  
**ICAR-CICR, Nagpur**

**INSTRUCTIONS FOR ONLINE BID SUBMISSION**

1. The Tender form/bidder documents may be downloaded from the <https://eprocure.gov.in/eprocure/app>.
2. **Online submission of Bids through** Central Public Procurement Portal (<https://eprocure.gov.in/eprocure/app>) is mandatory. Manual/Offline bids shall not be accepted under any circumstances.
3. Tenderers/bidders are requested to visit the website <https://eprocure.gov.in/eprocure/app> regularly. Any changes/modifications in tender enquiry will be intimated by corrigendum through this website only.
4. In case, any holiday is declared by the Government on the day of opening, the tenders will be opened on the next working day at the same time. The Director, ICAR-CICR, Nagpur has reserved the right to accept or reject any or all the tenders.
5. The interested Firms are required to deposit (in original) **EMD of Rs. 36,500/-** in the form of Demand Draft in favour of **THE DIRECTOR, ICAR-CICR payable at Nagpur** on or before **bid opening date and time as mentioned in the Critical Data Sheet**.
6. **Please note that only online Bids will be accepted.**
7. The firms are also required to upload copies of the following documents for Technical eligibility and Evaluation:-

**The firms are also required to upload copies of the following documents:**

**Technical :**

1. Scanned copy of Firm's Registration certificate of the firm under the Central Government/ State Government for providing such services.
2. Scanned copy of PAN Card.
3. Scanned copy of GST Number with Registration Certificate.
4. Bank details of the firm.
5. Scanned copy of similar contracts with Government Departments.
6. Scanned copy of Income Tax Returns for the last three years (2019-20, 2020-21 & 2021-22)
7. Scanned copy of Profit and loss account & Balance Sheet which are audited & duly certified by the Chartered Accountant for the last three years (2019-20, 2020-21 & 2021-22).
8. Scanned copy of Turnover of the business should be Rs. 10.00 Lakhs per year, to be certified by Chartered Accountant as per Balance Sheets used for ITR filing.
9. Scanned copy of experience of having successfully completed similar kind of works during last 3 years (Similar civil work).
10. Scanned copy of MSME or Udyog Aadhar or NSIC is a must for EMD Exemption otherwise, firms have to furnish EMD.

11. Tender acceptance letter (Annexure-V) is mandatory.
12. Scan copy of an undertaking as per attached Format (Schedule – II) duly attested by Notary on a non-judicial stamp paper of value of Rs. 100/- (Rupees One Hundred Only) regarding their non-blacklisting by any of the Government Departments, Public Sector Undertakings and/or by Central Vigilance commission during the last three years.

All necessary documents in support of the details for Sl. No. 1 to 12 must accompany the technical bid. The bid is liable to be rejected in case documents are not uploaded in the technical bid on CPP Portal, documents are incomplete or in case any certification/registration has already expired but is yet to be renewed. Only essential and necessary valid documents are to be uploaded in the technical bid. Please avoid uploading extraneous and irrelevant documents.

**Note: The above documents may be uploaded in the given sequence only, with no unnecessary documents.**

**Financial Bid:-**

- a) Price Bid as BOQ XXX.xls

**CHIEF ADMINISTRATIVE OFFICER**

**Technical Bid****Schedule - I**

Checklist of documents to be submitted with tender documents along with the page no. failing which the bid will be liable to be rejected:-

<b>Sr. No</b>	<b>Documents (Strictly) as per details below</b>	<b>Whether submitted or not</b>	<b>If submitted, mention file name &amp; page no.</b>
1	Scanned copy of Firm's Registration certificate of the firm under the Central Government/ State Government for providing such services.		
2	Scanned copy of PAN Card		
3	Scanned copy of GST Number with Registration Certificate		
4	Bank details of the firm.		
5	Scanned copy of similar contracts to Government Departments.		
6	Scanned copy of Income Tax Returns for the last three years (2019-20, 2020-21 & 2021-22)		
7	Scanned copy of Profit and loss account & Balance Sheet which are audited & duly certified by the Chartered Accountant for the last three years (2019-20, 2020-21 & 2021-22)		
8	Scanned copy of Turnover of the business should be Rs. 10.00 Lakhs per year, to be certified by Chartered Accountant as per Balance Sheets used for ITR filing.		
9	Scanned copy of experience of having successfully completed similar kind of works during last 3 years (Similar civil work). (2019-20, 2020-21 & 2021-22)		
10	Scanned copy of MSME or Udyog Aadhar or NSIC is a must for EMD Exemption otherwise, firms have to furnish EMD.		
11	Tender acceptance letter (Annexure-V) is mandatory.		
12	Scanned copy of an undertaking as per attached Format (Schedule – II) duly attested by Notary on a non-judicial stamp paper of value of Rs. 100/- (Rupees One Hundred Only) regarding their non-blacklisting by any of the Government Departments, Public Sector Undertakings and/or by Central Vigilance commission during the last three years.		

Authority Signature .....

Name & Address of the Firm .....

Telephone No. ....

Mobile No. ....

Email : .....

**Note: The information required at Sl. No. 1 to 12 must be accompanied with the certified copies of the document(s) and attached as per the serial number failing which the tender is liable to be rejected. No other documents need to be attached with the tender form.**

**SCHEDULE- II**

**UNDERTAKING**

I/We have read and understood all the terms and conditions of the tender document contained in the present tender form for contract and I/We do hereby agree and abide by with all the terms and condition of this tender document.

I/We do hereby declare that all the details provided in this tender are true to the best of my/our knowledge and belief and any misrepresentation of facts will render me/us liable to any action as may be deemed fit by ICAR-Central Institute for Cotton Research, Nagpur.

I/We do hereby also accept that the Director, ICAR-CICR, Nagpur has the right to accept or reject this application and not to issue invitation to Tender to me/us.

I/We undertake to communicate promptly to ICAR-CICR, Nagpur regarding any changes in the condition or working of the firm. It is certified that we have not been blacklisted by any organization of Government of India including Central Vigilance commission (CVC) in the last three years. The undersigned is fully authorized to sign and submit this application form on behalf of the organization, he/she represent. We authorize ICAR-CICR, Nagpur to approach individuals, employees, firms and corporations to verify our competence and general reputation.

Signature: - .....

Name: - .....

Designation: - .....

Address: - .....

Place: - .....

Dated: - .....



**TERMS & CONDITIONS**

1. The tenderer shall quote rates, which will include the supply, installation & other incidental charges. GST, if any, should be indicated separately.
2. The rates should be quoted as per the BOQ uploaded on the CPP Portal (reference may be obtained from Annexure-III). GST, if any, should be indicated separately. It must be noted that the contract shall be awarded to the firm which fulfils all the required terms and conditions and remains lowest one (L-I).
3. The firm must also possess valid PAN No. & GST registration number and a copy of the same must also be enclosed with the tender document.
4. Copy of the Income Tax Statement for the financial year 2019-20, 2020-21 & 2021-22, may be furnished.
5. The firm should have experience for over 03 (Three) years in the trade with the business turnover of not less than Rs. **10.00 Lakhs** per annum for 2019-20, 2020-21 & 2021-22. Chartered Accountant certified profit and Loss account Balance sheet to this effect may be enclosed.
6. Modification in the tender documents after the closing date is not permissible.
7. The successful firm shall **commence work** within 21 days from the date of confirmed **work order** and if the work not supplied in time then EMD shall be forfeited. The rates quoted shall be valid for one year from the date of opening of tender.
8. The contractor/bidder or his representative may contact the undersigned at **Tel. No. 07103-275536 Extn: 113** for any further clarification. No variation in terms of quality of the items shall be entertained or else EMD/Security deposit shall be forfeited.
9. The bidder is advised to visit the site of works at his own expenses and obtain all information that may be necessary for preparing the quotation. Tenderer may submit the quotation by accepting that he has inspected the site or he is aware of all conditions.
10. The Director, ICAR-CICR, shall have the right to reject all or any of the offers, accept more than one offer, and assign part of the job without assigning any reason.
11. Merely quoting of lowest rates does not mean that “work order” shall be given to that firm. The competent authority will finally decide on the basis of quality & performance of past work/ installations.
12. The interested Firms are required to deposit an **Earnest Money Deposit of Rs. 36,500/-** amount mentioned against item in the form of Demand Draft (in original) from any of the Nationalised Bank in favour of **THE DIRECTOR, ICAR-CICR payable at Nagpur**

may be addressed to **Chief Administrative Officer, ICAR-CICR, Near Khapri Phata, Panjari Farm Wardha Road, Nagpur – 441108 (Maharashtra) on or before bid opening date and time as mentioned in the Critical Data Sheet.** No quotation shall be considered without the earnest money deposit. Demand draft drawn in favour of any officer other than ‘THE DIRECTOR, ICAR-CICR payable at Nagpur’ will not be accepted and the tender will be rejected. The earnest money will be refunded only after the finalization of the tender/bid and no interest will be paid on earnest money. The request letter for refund of EMD & performance security is to be submitted by the firm.

13. Rates once finalized will not be enhanced/reduced during the period of the contract.
14. In case, the successful bidder shows inability to accept work order/contract at any stage, after the contract is finalized and awarded, for whatsoever reason(s), to honour the contract, the earnest money /performance security deposited would be forfeited.
15. The Director, ICAR-CICR reserves the right to cancel the contract at any time during the contract period without giving any reason.
16. The firm, to whom the tender awarded, will have to deposit the **performance security of Rs. 91,000/- (Rupees Ninety one thousand only) within 10 days from the date of receipt of work order.** If the services are not found to be satisfactory, the performance security is liable to be forfeited. No interest will be paid on performance security.
17. If any dispute(s) arises between ICAR-CICR and the firm with reference to the contract, ICAR-CICR will decide it and its decision will be final and binding on the firms.
18. Bid Validity: 90 days
19. Payment:- No advance or part payment will be given. The payment will be released after satisfactory completion of the work and certificate from the Indentor.

**Payment Terms: In order to facilitate for speedy settlement of payment you are requested to furnish the following details as below:**

- 1. Name of the firm:**
- 2. Name of the Bank:**
- 3. IFSC Code of Bank:**
- 4. Name of the Account & Account No.:**
- 5. Branch Code:**
- 6. Amount to be paid:**
- 7. E-mail address of the party:**
- 8. GST No. and Pan No. Copies**

‘Terms & Conditions are acceptable’

Dated

(Authorized signatory of the firm)

(Reference for BOQ) (To be quoted in the format provided on CPP Portal)

Price bid for “Construction of goat demonstration unit at instructional farm of KVK at ICAR-CICR, panjari, khapri phata, wardha road, Nagpur.”

Sl. No.	Name of the Work	Quantity	Price per unit (in figures/words) (as per BOQ)
1.	Construction of goat demonstration unit at instructional farm of KVK at ICAR-CICR, panjari, khapri phata, wardha road, Nagpur as per the enclosed specification as Annexure – IX and drawing of construction as Annexure - X	1 Unit	

- Items should be of reputed make and suitable for high end elite users.
- GST as applicable should be included in the column provided for basic rate.
- **The work is to be executed at this Institute at ICAR-CICR, Panjari, Khapri Phata, Wardha road, Nagpur-441108**

**Note:** The above mentioned Financial Proposal/Commercial bid format is provided as BoQ\_XXXX.xls along with this tender document at <https://eprocure.gov.in/eprocure/app>. Bidders are advised to download this BoQ\_XXXX.xls as it is and quote their offer/rates in the permitted column and upload the same in the Financial bid. **Bidder shall not tamper/modify downloaded price bid template in any manner.** In case if the same is found to be tampered/modified in any manner, tender will be completely rejected and EMD would be forfeited and tenderer is liable to be banned from doing business with ICAR-CICR, Nagpur.

**ICAR-CENTRAL INSTITUTE FOR COTTON RESEARCH,  
NEAR KHAPRI PHATA, PANJARI FARM, WARDH ROAD, NAGPUR - 441108**

Name of the Firm\_\_\_\_\_

Registered/Postal Address\_\_\_\_\_

1	Permanent Account Number (PAN)	
2	GST Registration No.	
3	Bank Details	
a)	Bank Name	
b)	Branch Address	
c)	Account Number	
d)	Type of Account (current/saving) MICR No.	
e)	IFSC Code	

Date:

Name of the Authorized Signatory

Place:

Stamp & Signature

**TENDER ACCEPTANCE LETTER**  
**(To be given on Company Letter Head)**

**Date:**

To,  
The Director,  
ICAR-CICR,  
Near Khapri Phata, Panjari Farm,  
Wardha Road, Nagpur – 441108.

**Sub:** Acceptance of Terms & Conditions of Tender.

Tender Reference No. \_\_\_\_\_

Name of Tender/Work:

Dear Sir,

1. I/ We have downloaded/obtained the tender document(s) for the above mentioned 'Tender/work' from the web site(s) namely:

\_\_\_\_\_

\_\_\_\_\_

As per your advertisement, given in the above mentioned website(s).

2. I/We hereby certify that I/We have read the entire terms and conditions of the tender documents from Page No. \_\_\_\_\_ to \_\_\_\_\_ (including all documents like annexure(s), schedule(s), etc...) which form part of the contract agreement and I/We shall abide hereby the terms/conditions/clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/organization too have also been taken into consideration, while submitting this acceptance letter.
4. I/we hereby unconditionally accept the tender conditions of above mentioned tender documents/corrigendum(s) in its totality/entirely.
5. I/we do hereby declare that our Firm has not been black-listed/debarred by any Govt. Department/Public sector undertaking.
1. I/we certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/organization shall without giving any notice or reason therefore or summarily reject that bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder with Official Seal)

## INSTRUCTIONS FOR ONLINE BID SUBMISSION

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at <https://eprocure.gov.in/eprocure/app>.

### REGISTRATION

- Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL <https://eprocure.gov.in/eprocure/app>.) by clicking on the link ‘**Online bidder Enrollment**’ on the CPP Portal which is free of charge.
- As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (DSC) (class II or Class III certificates with signing key usage) issued by any certifying authority recognized by CCA India (e.g. Sify/nCode/eMudhra etc.) with their profile.
- Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead to misuse.
- Bidder then log into the site through the secured log-in by entering their users ID/password and the password of the DSC/e-Token.

### SEARCHING FOR TENDER DOCUMENTS

- There are various search options built in the CPP Portal. To facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- Once the bidders have selected the tenders they are interested in, they may download the required documents/tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS/e mail in case there is any corrigendum issued to the tender document.
- The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification/help from the Helpdesk.

## **PREPARATION OF BIDS**

- **Bidder are requested to visit the site at the institute and discuss with In-charge, Maintenance Cell/SMS, KVK, ICAR-CICR, Nagpur before preparing the bid, clarify the doubts and understand the requirements.**
- Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents- including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule and generally, they can be in PDF/XLS/RAR/DWF/JPG formats.
- Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use 'My Space' or 'Other important Documents' area available to them to upload such documents. These documents may be directly submitted from the 'My Space' area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

## **SUBMISSION OF BIDS**

- Bidder should log into the site in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other technical issues.
- The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- Bidder has to select the payment option as 'offline' to pay the tender fee/EMD as applicable and enter details of the instrument.
- Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- Bidders are requested to note that they should necessarily submit their financial bids in the Format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white colored (unprotected) cell with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

- The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric, encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- Upon the successful and timely submission of bids (i.e. after clicking 'Freeze Bid Submission' in the portal), the portal will give a successful bid submission message and a bid summary will be displayed with the bid no. and the date and time of submission of the bid with all other relevant details.
- The bid summary has to be printed and kept as an acknowledgement of the submission of the bid.

#### **ASSISSTANCE TO BIDDERS**

- Any queries relating to the tender documents and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contract person indicated in the tender.
- Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.



## Details of Work &amp; EMD

Sl. No.	Item	Qty.	Earnest Money Deposit
1	<b>Construction of goat demonstration unit at instructional Farm of KVK at ICAR-CICR, panjari, khapri phata, wardha road, Nagpur</b>	1 Unit	Rs. 36,500/-

Note: EMD defined on to the Portal is MINIMUM. **Bidder has to submit the EMD offline.**

- **The work is to be executed at this Institute at ICAR-CICR, Panjari, Khapri Phata, Wardha road, Nagpur-441108**

**Measurement sheet for construction of goat demonstration unit at instructional farm of KVK at ICAR-CICR, panjari, khapri phata, wardha road, Nagpur**

**Details of Work**

**MEASUREMENT SHEET**

Sr. No.	Item	Nos.	L	B	D	QTY	Unit
1	Dismantling and stacking within 50 metres lead, fencing posts or struts including all earth work and dismantling of concrete etc. in base of:	2	-	16	2.2	70.4	One square metre
2	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	-	7	-	-	7	Quintal
3	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.	10	0.3	0.4	3	3.6	One Cubic metre
4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge						One Cubic metre
	Long Walls	2	15.3	1	0.23	7.04	
	short wall	2	5.6	3	0.23	7.73	
	short wall	2	5.6	1	0.23	2.58	
	Deduct Door	-6	0.9	1	0.23	-1.24	
						16.11	
5	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	1	20.3	6.7		136.01	One Cubic metre
6	Boring with hydraulic piling rigs with power units, providing and installing cast in situ single under reamed piles of specified diameter and length below pile cap in M-25 cement concrete, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and the length of the pile to be embedded in pile cap etc. all complete. (Length of pile for payment shall be measured upto to the bottom of pile cap). 300 mm dia piles	16	-	-	3	48	Running metre

7	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)						
	Pile Cap	16	1.2	1.2	0.3	6.91	One square metre
	Slab	1	7.06	6.1	0.1	4.31	
		1	7.04	6.1	0.1	4.29	
		1	5	6.1	0.1	3.05	
	Deduction of column	-16	0.23	0.3	0.1	-0.11	
					<b>18.45</b>		
8	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge:						One square metre
	2.1.1 All kinds of soil						
	beam	2	33.06		0.3	19.84	
	cap	16	1.2		1.2	23.04	
						<b>42.88</b>	
9	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)						One Cubic metre
	Colum	16	0.23	0.3	3.75	4.14	
10	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)						One Cubic metre
	Beams	4	0.23	0.3	2.215	0.61	
		4	0.23	0.3	2.205	0.61	
		4	0.23	0.3	1.185	0.33	
		4	0.23	0.3	1.665	0.46	
		5	0.23	0.3	4.9	1.69	
					<b>3.7</b>		

<b>11</b>	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in Cement Mortar 1:6 (1 cement : 6 coarse sand).							<b>One Cubic metre</b>
	Brick Work	4	0.23	0.5	2.215	1.02		
		4	0.23	0.5	2.205	1.01		
		4	0.23	0.5	1.185	0.55		
		4	0.23	0.5	1.665	0.77		
		5	0.23	0.5	4.9	2.82		
						<b>6.17</b>		
<b>12</b>	Filling in plinth with moorum							<b>One Cubic metre</b>
	Moorum	2	3.38	6	0.75	30.42		
		2	3.37	6	0.75	30.33		
		2	2.35	6	0.75	21.15		
	Moorum	1	20	6	0.05	6		
							<b>87.9</b>	
	DEDUCTION							
	DISMANTLED MATERIAL SHALL BE USED IN PLINTH FILLING UPTO 0.5M	-2	3.38	6	0.5	-20.28		
		-2	3.37	6	0.5	-20.22		
		-2	2.35	6	0.5	-14.1		
						<b>-54.6</b>		
						<b>Total</b>	<b>33.3</b>	
<b>13</b>	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)							<b>One Cubic metre</b>
	Coping at 0.90m above PL	4	0.23	3.415	0.1	0.31		
		4	0.23	3.045	0.1	0.28		
		4	0.23	2.385	0.1	0.22		
		2	0.23	3.3	0.1	0.15		
		2	0.23	2.9	5.2	6.94		
	Deduction	-2	0.23	0.9	0.1	-0.04		
		-3	0.23	0.9	0.1	-0.06		
	Coping at 0.90m above PL	4	0.23	3.415	0.1	0.31		
		4	0.23	3.045	0.1	0.28		
		4	0.23	2.385	0.1	0.22		
		2	0.23	3.3	0.1	0.15		
		2	0.23	2.9	5.2	6.94		
	Deduction	-2	0.23	0.9	0.1	-0.04		
		-3	0.23	0.9	0.1	-0.06		
						<b>15.6</b>		

<b>14</b>	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand)							
	Brick work	4	0.23	3.415	0.9	2.83		
		4	0.23	2.385	0.9	1.97		
		4	0.23	2.865	2.8	7.38		
		4	0.23	3.045	0.9	2.52		
		2	0.23	6.1	0.9	2.53		
	Brickwork below truss	2	3.35	0.23	1.52	2.34		
	ramp	3	2.25	0.75	0.23	1.16		
	Mangers	3	3	0.23	0.6	1.24		
	Deduction	-2	0.3	0.9	0.9	-0.49		
		-3	0.3	0.9	0.9	-0.73		
	Window	-4	0.3	0.6	1	-0.72		
						<b>20.03</b>		<b>One Cubic metre</b>
<b>15</b>	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm							
	Fencing	2	18.41	-	1.96	72.17		
		2	6.1	-	1.9	23.18		
						<b>95.35</b>		<b>One square metre</b>
<b>16</b>	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a riming coat of approved steel primer all complete.							
	Trusses					2600		<b>Kg</b>
	BASE PLATE, NUT BOLTS ETC 15%					390		
	Supports to Rain water pipe					50		
						<b>3040</b>		
<b>17</b>	Fibre reinforced by organic fibres and/or inorganic synthetic fibres cement corrugated sheet 6 mm thick (ASBESTOS CEMENT SHEET)							
	AC Sheets	2	20.6	4.12	-	169.74		
	Add 5%					8.487		
						<b>178.227</b>		<b>One square metre</b>
<b>18</b>	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:- (a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer							
	Wash basin	<b>1</b>	-	-	-	<b>1</b>		<b>No.</b>

<b>19</b>	Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.							
	D	3	-	0.9	2.1	5.67		
	D1	2	-	0.9	0.9	1.62		
	Window	4	-	0.6	1.2	2.88		
						<b>10.17</b>		<b>One square metre</b>
<b>20</b>	12 mm cement plaster of mix : 1:4 ( cement:4 fine sand)							
	inner wall plaster	2	20.02	-	0.9	36.04		
	inner wall plaster	2	6.56	-	0.9	11.81		
	inner wall plaster	2	6.56	-	2.8	36.74		
	outer wall plaster	2	20.02	-	1.65	66.07		
	outer wall plaster	2	6.56	-	3.55	46.58		
	Deduction	-3	0.9	-	0.9	-2.43		
		-1	0.9	-	0.9	-0.81		
		-4	0.6	-	0.9	-2.16		
						<b>191.84</b>		<b>One square metre</b>
<b>21</b>	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer							
	Painting	1	-	-	-	<b>191.84</b>		<b>One square metre</b>
<b>22</b>	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinthlevel :1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)							
	RAMP PCC	3	1.2	2.4	0.1	0.86		
	Beam Pcc	4	0.3	2.215	0.1	0.27		
		4	0.3	2.205	0.1	0.26		
		4	0.3	1.185	0.1	0.14		
		4	0.3	1.665	0.1	0.2		
		5	0.3	4.9	0.1	0.74		
	Cap Pcc	16	1.4	1.4	0.1	3.14		
	MANGER PCC	1	3.3	1.135	0.1	0.37		
						<b>5.98</b>		<b>One Cubic metre</b>

23	Centering and shuttering including strutting, propping etc. and removal of form for						
	Foundations, footings, bases of columns, etc. for mass concrete	16	4.8	0.3		23.04	
						<b>23.04</b>	
	Lintels, beams, plinth beams, girders, bressumers and cantilevers	4		0.3	2.215	2.66	
		4		0.3	2.205	2.65	
		4		0.3	1.185	1.42	
		4		0.3	1.665	2	
		5		0.3	4.9	7.35	
						<b>16.08</b>	
	Columns, Pillars, Piers, Abutments, Posts and Struts	16		1.06	3.55	60.21	
					<b>60.21</b>	<b>One square metre</b>	
24	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.						
	UNTO PLINTH		<b>Quantity</b>	<b>KG/M3</b>			
	pile		3.4	80		272	
	CAP		18.45	60		1107	
	BEAM		3.7	80		296	
					<b>1675</b>	<b>KG</b>	
25	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.						
	UNTO PLINTH		<b>Quantity</b>	<b>KG/M3</b>			
	COLUMN		4.14	80		331.2	
	SLAB		11.65	30		349.5	
					<b>680.7</b>	<b>KG</b>	
26	Fibre reinforced by organic fibres and/or inorganic synthetic fibres cement close fitting adjustable ridge						
	RIDGE	1	20.32			20.32	
					<b>20.32</b>	<b>R.M.T.</b>	
27	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.						
	PVC PIPE 110 mm diameter	2	20.32			40.64	
					<b>40.64</b>	<b>R.M.T.</b>	

	75 mm diameter	2	3			6	
	BASIN	1	3			3	
						<b>9</b>	



**Technical Specifications for construction of goat demonstration unit at instructional farm of KVK at ICAR-CICR, panjari, khapri phata, wardha road, Nagpur**

**Specifications:**

**MINIMUM TECHNICAL SPECIFICATIONS, FOR CONSTRUCTION OF GOAT DEMONSTRATION UNIT AT INSTRUCTIONAL FARM OF KVK AT ICAR-CICR, PANJARI, KHAPRI PHATA, WARDHA ROAD, NAGPUR.**

<b>S.N</b>	<b>Description of Item</b>	<b>Qty</b>	<b>Unit</b>
<b>1</b>	Dismantling and stacking within 50 metres lead, fencing posts or struts including all earth work and dismantling of concrete etc. in base of:	<b>70.4</b>	<b>Square Metre</b>
<b>2</b>	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	<b>7</b>	<b>Quintal</b>
<b>3</b>	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.	<b>3.6</b>	<b>Cubic Metre</b>
<b>4</b>	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge	<b>16.11</b>	<b>Cubic Metre</b>
<b>5</b>	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	<b>136.01</b>	<b>Square Metre</b>
<b>6</b>	Boring with hydraulic piling rigs with power units, providing and installing cast in situ single under reamed piles of specified diameter and length below pile cap in M-25 cement concrete, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and the length of the pile to be embedded in pile cap etc. all complete. (Length of pile for payment shall be measured upto to the bottom of pile cap). 300 mm dia piles	<b>48</b>	<b>Running Metre</b>
<b>7</b>	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	<b>18.45</b>	<b>Square Metre</b>
<b>8</b>	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in-Charge:	<b>42.88</b>	<b>Square Metre</b>

<b>9</b>	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	<b>4.14</b>	<b>Cubic Metre</b>
<b>10</b>	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	<b>3.7</b>	<b>Cubic Metre</b>
<b>11</b>	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in Cement Mortar 1:6 (1 cement : 6 coarse sand).	<b>6.17</b>	<b>Cubic Metre</b>
<b>12</b>	Filling in plinth with moorum	<b>33.3</b>	<b>Cubic Metre</b>
<b>13</b>	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing 1:3:6 (1 cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	<b>15.6</b>	<b>Cubic Metre</b>
<b>14</b>	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand)	<b>20.03</b>	<b>Cubic Metre</b>
<b>15</b>	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	<b>95.35</b>	<b>Square Metre</b>
<b>16</b>	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a riming coat of approved steel primer all complete.	<b>3040</b>	<b>Kg</b>
<b>17</b>	Fibre reinforced by organic fibres and/or inorganic synthetic fibres cement corrugated sheet 6 mm thick (ASBESTOS CEMENT SHEET)	<b>178.23</b>	<b>Square Metre</b>
<b>18</b>	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:- (a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	<b>1</b>	<b>No.</b>
<b>19</b>	Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.	<b>10.17</b>	<b>Square Metre</b>

20	12 mm cement plaster of mix : 1:4 ( cement:4 fine sand)	191.84	Square Metre
21	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade : New work (two or more coats) over and including water thinnable priming coat with cement primer	191.84	Square Metre
22	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinthlevel :1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources)	5.98	Cubic Metre
23	Centering and shuttering including strutting, propping etc. and removal of form for - <b>PILE CAP</b>	23.04	Square Metre
24	Centering and shuttering including strutting, propping etc. and removal of form for - <b>BEAM</b>	16.08	Square Metre
25	Centering and shuttering including strutting, propping etc. and removal of form for - <b>COLUMN</b>	60.21	Square Metre
26	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. - <b>TMT</b>	1675	Kg
27	<b>STEEL WIRE</b>	25.13	Kg
28	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. - <b>TMT</b>	680.7	Kg
29	<b>STEEL WIRE</b>	10.21	Kg
30	Fibre reinforced by organic fibres and/or inorganic synthetic fibres cement close fitting adjustable ridge	20.32	R.M.T
31	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. ( <b>PVC pipe 110 mm diameter</b> )	40.64	R.M.T
32	<b>75 mm diameter</b>	9	R.M.T

(A. A. GOSWAMI)  
**CHIEF ADMINISTRATIVE OFFICER**  
**ICAR-CICR, NAGPUR**

**DRAWING OF GOAT DEMONSTRATION UNIT**

