


Government eProcurement System		eProcurement System Government of India	
		Tender Details	
		Date : 09-Feb-2022 05:45 PM	
		 Print	
Basic Details			
<b>Organisation Chain</b>	Department of Agricultural Research and Education  Indian Council of Agricultural Research,DoARE,MoA  Indian Institute of Agricultural Biotechnology		
<b>Tender Reference Number</b>	Router		
<b>Tender ID</b>	2022_DARE_672808_1		
<b>Tender Type</b>	Open Tender	<b>Form of contract</b>	Supply
<b>Tender Category</b>	Goods	<b>No. of Covers</b>	2
<b>General Technical Evaluation Allowed</b>	No	<b>ItemWise Technical Evaluation Allowed</b>	No
<b>Payment Mode</b>	Offline	<b>Is Multi Currency Allowed For BOQ</b>	No
<b>Is Multi Currency Allowed For Fee</b>	No	<b>Allow Two Stage Bidding</b>	No
Payment Instruments		Cover Details, No. Of Covers - 2	
<b>Offline</b>	<b>S.No</b>	<b>Instrument Type</b>	<b>Cover No</b>
	1	Demand Draft	
			<b>Cover</b>
			<b>Document Type</b>
			<b>Description</b>
			1
			Fee/PreQual/Technical .pdf
			.pdf
			Scanned copy of Tender fee and Earnest Money Deposit (EMD)/its exemption if any.
			Scanned copy of Firms registration, PAN Card, GST No./Service Tax No. Tender acceptance letter
			.pdf
			Scanned copy of Manufacturers authorization certificate issued by Principal
			.pdf
			Scanned copy of Income Tax Statement for the last Three Financial years (2018-2021)
			.pdf
			Scanned copy of Annexure-IV
			.pdf
			Scanned copy of User List (if any)/Purchase Orders
			.pdf

		.pdf	Scanned Copy of Make and model of all systems, sub systems and additional items
		.pdf	Experience in supplying similar goods in govt. offices
2	Finance	.xls	Financial Bid

**Tender Fee Details, [Total Fee in ₹ \* - 0.00]**

<b>Tender Fee in ₹</b>	0.00		
<b>Fee Payable To</b>	Nil	<b>Fee Payable At</b>	Nil
<b>Tender Fee Exemption Allowed</b>	No		

**EMD Fee Details**

<b>EMD Amount in ₹</b>	60,000	<b>EMD through BG/ST or EMD Exemption Allowed</b>	Yes
<b>EMD Fee Type</b>	fixed	<b>EMD Percentage</b>	NA
<b>EMD Payable To</b>	DIRECTOR ICAR UNIT IIAB	<b>EMD Payable At</b>	RANCHI

[Click to view modification history](#)

**Work /Item(s)**

<b>Title</b>	WAN Device Router				
<b>Work Description</b>	Supply of WAN Device Router				
<b>Pre Qualification Details</b>	Please refer Tender documents.				
<b>Independent External Monitor/Remarks</b>	NA				
<b>Show Tender Value in Public Domain</b>	Yes				
<b>Tender Value in ₹</b>	30,00,000	<b>Product Category</b>	Electronics Equipment	<b>Sub category</b>	NA
<b>Contract Type</b>	Tender	<b>Bid Validity(Days)</b>	180	<b>Period Of Work (Days)</b>	30
<b>Location</b>	IIAB RANCHI	<b>Pincode</b>	834003	<b>Pre Bid Meeting Place</b>	NA
<b>Pre Bid Meeting Address</b>	NA	<b>Pre Bid Meeting Date</b>	NA	<b>Bid Opening Place</b>	IIAB RANCHI
<b>Should Allow NDA Tender</b>	No	<b>Allow Preferential Bidder</b>	No		

**Critical Dates**

<b>Publish Date</b>	09-Feb-2022 05:45 PM	<b>Bid Opening Date</b>	04-Mar-2022 03:00 PM
<b>Document Download / Sale Start Date</b>	09-Feb-2022 05:45 PM	<b>Document Download / Sale End Date</b>	03-Mar-2022 03:00 PM
<b>Clarification Start Date</b>	NA	<b>Clarification End Date</b>	NA
<b>Bid Submission Start Date</b>	09-Feb-2022 05:45 PM	<b>Bid Submission End Date</b>	03-Mar-2022 03:00 PM

**Tender Documents**

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	NOTICE INVITING TENDER FOR Router	164.84

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)

1	BOQ	BOQ_708056.xls	Financial BOQ	304.00
2	Tender Documents	technicalbid.pdf	TECHNICAL BID	731.59

**Bid Openers List**

S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	sudhir.kumar5@icar.gov.in	SUDHIR KUMAR	SUDHIR KUMAR
2.	avinash.pandey@icar.gov.in	AVINASH PANDEY	AVINASH PANDEY
3.	director.iiab@icar.gov.in	ARUNAVA PATTANAYAK	ARUNAVA PATTANAYAK

**GeMARPTS Details**

<b>Reason for non availability of GeMARPTS ID</b>	Urgent nature of Procurement
<b>Remarks</b>	THE EQUIPMENT WITH REQUIRED SPECIFICATION IS NOT AVAILABLE IN GEM
<b>Document Name</b>	routergemnonavailability.pdf
<b>Document Size (in KB)</b>	155.67

**Tender Properties**

<b>Auto Tendering Process allowed</b>	No	<b>Show Technical bid status</b>	Yes
<b>Show Finance bid status</b>	Yes	<b>Show Bids Details</b>	Yes
BoQ Comparative Chart model	Normal	BoQ Comparative chart decimal places	2
BoQ Comparative Chart Rank Type	L	Form Based BoQ	No

**Tender Inviting Authority**

<b>Name</b>	Director
<b>Address</b>	ICAR IIAB GARHKHTANGA RANCHI 834003

**Tender Creator Details**

<b>Created By</b>	SUDHIR KUMAR
<b>Designation</b>	SCINETIST
<b>Created Date</b>	09-Feb-2022 05:13 PM



**ICAR-INDIAN INSTITUTE OF AGRICULTURAL  
BIOTECHNOLOGY**  
*(Deemed to be University)*  
**Garhkhatanga, Ranchi – 834 003, Jharkhand**



F. No.: IIAB 3(3)/PartIII/21-22/

Dated: 09.02.2022

**TENDER THROUGH E-PROCUREMENT**

Online Bids are invited from interested firms under two bid system for Purchase of **WAN DEVICE (Router) (01 Nos.) as per technical specification Annexure-IX** at ICAR-INDIAN INSTITUTE OF AGRICULTURAL BIOTECHNOLOGY, Ranchi 834003. **Manual bids shall not be entertained.**

Tender documents may be downloaded from e-procurement website of CPPP <https://eprocure.gov.in/eprocure/app> OR [www.iiab.icar.gov.in](http://www.iiab.icar.gov.in) (for reference only) as per the schedule given in CRITICAL DATE SHEET as under:

**CRITICAL DATE SHEET**

Name of Organization	ICAR : INDIAN INSTITUTE OF AGRICULTURAL BIOTECHNOLOGY, GARHKHATANGA, RANCHI, JHARKHAND 834003
Date and Time for Issue/Publishing	09.02.2022 at 5:45 p.m.
Document Download/Sale Start Date and Time	09.02.2022 at 5:45 p.m.
Bid Submission start Date and Time	09.02.2022 at 5:45 p.m.
Bid Submission End Date and Time	03.03.2022 at 3:00 p.m.
Date and Time for Opening of Bids	04.03.2022 at 3:00 p.m.
EMD amount	Rs. 60,000
Tender Fee	NIL
Address for Communication	Senior Administrative Officer, Indian Institute of Agricultural Biotechnology, Garhkhatanga Ranchi- 834003(Jharkhand)

Sd/-  
Sr. Administrative Officer



**ICAR-INDIAN INSTITUTE OF AGRICULTURAL  
BIOTECHNOLOGY**  
**(Deemed to be University)**  
**Garhkhatanga, Ranchi – 834 003, Jharkhand**



**Check list for the tender**

The bidders are requested to fill the check list for evaluation of technical bid.

Sr. No.	Particulars	Remarks (YES/NO)
01	Whether the EMD attached/scan copy uploaded or the bidder is MSME/NSIC/MII. In case of MSEM/MSIC/MII, please provide the relevant documents in support of the same.	
02	Whether the scan copy of registration number uploaded	
03	Whether the scan copy of PAN number uploaded	
04	Whether the firm has GST Number or not	
05	Whether the bidder is Manufacturer or Agent of the manufacturer. (Please mention as the case may be). In case of agent of the manufacturer/Principal the proper authorization is attached or not.	
06	Whether the scanned copies of Income Tax return uploaded as per requirement of the tender.	
07	Whether the Annexures –II, IV, V & VIII signed and accepted	
08	Whether the scanned copies of user list uploaded	
09	Whether the make and model of the equipment mentioned, and catalogue provided	
10	Whether the tender document is sealed & signed, and scan copies uploaded	
11	Whether the firm is Blacklisted by any of the Government Department/Agency	
12	Whether the proprietor of the firm is SC/ST. In case so please mention in the bid.	
13	Any other information	
14	Whether the rates quoted in BoQ as per tender	

**INSTRUCTIONS FOR ONLINE BID SUBMISSION**

1. The Tender form/ bidder documents may be downloaded from the <https://eprocure.gov.in/eprocure/app> or [www.iiab.icar.gov.in](http://www.iiab.icar.gov.in). **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.
2. Tenderers/bidders are requested to visit the website <https://eprocure.gov.in/eprocure/app> or [www.iiab.icar.gov.in](http://www.iiab.icar.gov.in) regularly. Any changes/modifications in tender enquiry will be intimated by corrigendum through this website only.
3. 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 Institute reserves the right to accept or reject any or all the tenders.
4. The interested Firms are required to deposit (in original) an Earnest Money Deposit (EMD) of the amount mentioned against items in the form of Demand Draft/FDR-TDR from any of the Commercial Bank in favour of **DIRECTOR, ICAR-UNIT, IIAB payable at Ranchi** may be address to **Sr. Administrative Officer, ICAR-IIAB, Garhkhatanga Ranchi- 834003 (Jharkhand)** on or before **bid opening date and time as mentioned in the Critical Date Sheet**.
5. The firm should send the original brochures of the product and may be addressed to **Sr. Administrative Officer, ICAR-IIAB, Garhkhatanga Ranchi- 834003 (Jharkhand)** on or before bid opening date and time as mentioned in the Critical Date Sheet along with Tender Fee & EMD.
6. Bidders need not to come at the time of Technical as well as financial bid opening at IIAB. They can view live bid opening after login on CPPP e-procurement portal at their remote end. If bidder wants to join bid opening at IIAB then they must come with bid acknowledge slip that is generated after successful submission of online bid.
7. The firms are also required to upload copies of the following documents: -
  - **Technical Bid**
    - a) Scanned copy of Tender fee and Earnest Money Deposit (EMD)/its exemption, if any.
    - b) Scanned copy of Firm's registration, PAN Card, GST No./Service Tax No. Tender acceptance letter (Annexure-V).
    - c) Scanned copy of Manufacturers authorization certificate issued by Principal Manufacturer duly verified by the Indian Agent or Manufacturing certificate.
    - d) Scanned copy of Income Tax Statement for the last Three Financial years (2018-2021).
    - e) Scanned copy of Annexure-IV.
    - f) Scanned copy of User List (if any)/Purchase Orders.
    - g) Scanned Copy of Make and model of all systems, sub systems and additional items should be mentioned in the technical bid and complete technical details should be provided in the form of Brochures and write-ups.
    - h) Experience in supplying similar goods in govt. offices.
  - **Financial Bid:-**
    - a) Price Bid as BoQ XXX.xls

Sd/-

Sr. Administrative Officer

**Terms & Conditions**

1. The tenderer shall quote rates, which will include the delivery & other incidental charges. Taxes, 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). Taxes, 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 L-1.
3. The firm must also possess valid PAN & GST number and a copy of the same must also be enclosed with the tender document.
4. Copy of previous three financial years of Income Tax Statement (2018-2021) may be furnished.
5. The firm should be in existence for minimum 02 (Two) years in the trade with the business turnover of not less than Rs. 03 crores per annum. Documents to this effect may be enclosed.
6. Modification in the tender documents after the closing date is not permissible.
7. The successful firm shall have to supply the Scientific Equipment/s within 6 weeks from the date of confirmed supply order.
8. The rates quoted shall be valid for 180 days from the date of opening of tender and no enhancement shall be permitted in the quoted rates under any circumstances.
9. The contractor/bidder or his representative may contact the undersigned at **Tel. No. 0651-2261131/35** for any further clarification. No variation in terms of quality of the items shall be entertained.
10. Exemption from submission of EMD is available to the firm with MSME/NSIC/MII certificate.
11. The interested Firms are required to deposit (in original) an Earnest Money Deposit (EMD) of the amount mentioned against item in the form of Demand Draft from any of the Commercial Bank in favour of **Director, ICAR-UNIT, IIAB payable at Ranchi** may be address to **Sr. Admn. Officer, ICAR-IIAB, Garhkhatanga Ranchi-834003(Jharkhand)** on or before **bid submission closing date and time as mentioned in critical date sheet**. No quotation shall be considered without the earnest money deposit. Demand draft drawn in favour of any officer other than 'ICAR UNIT-IIAB payable at Ranchi' will not be accepted and the tender will be rejected. The earnest money will be refunded only after the finalization of the procurement and no interest will be paid on earnest money.
12. Rates once finalized will not be enhanced during the currency of the contract.
13. In case of foreign currency, conversion rates in INR will be taken on the day of opening financial bid.
14. In case, the successful bidder shows inability 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, IIAB reserves the right to cancel the contract at any time during the currency period of the contract without giving any reason.
16. The firm to whom the tender will be awarded, will have to deposit the Performance Security equal to 10% of the total amount of the contract at the time of installation of the equipment. Validity of the Performance Security shall be for a minimum of 14 months from the date of installation of the equipment/s. If the services are not found to be satisfactory, the performance security is liable to be forfeited. Performance Security may be furnished in the form of Insurance Surety Bonds, Account Payee, Demand Draft, Fixed Deposit Receipt from a commercial Bank or Online payment in an acceptable form safeguarding the purchaser's interest in all aspects. No interest will be paid on performance security.
17. If any dispute(s) arises between IIAB and the firm with reference to the contract, Director ICAR- IIAB be the final authority in any matter.
18. Bid Validity must be for a minimum of 180 days

19. The contract will be given to L1 firm only as per comparative statement.
- 20. Authorization Certificate: Authorization certificate from the Principal/Manufacturer for this specific tender only will be entertained in case OEM/Principal has issued authorization to multiple dealers in India.**
21. The bidders must certify that ‘**The firm is not blacklisted by any of the Government Department/Agency**’ while submitting the quotation as per the certificate given at Annexure - VIII.
22. Our Institute is registered with DSIR and we are exempted from Excise Duty & Custom Duty. Hence CDEC/DSIR will be provided to the firm, if demanded. Rate should be quoted accordingly.
- 23. Payment terms: -**
- a) Payment for goods supplied from abroad: By Letter of Credit (LC)/Wire Transfer as the case may be.
  - b) Payment of goods supplied within India-100% of the contract price on receipt of goods by the consignee supported by satisfactory installation/working report & submission of Performance Security.
24. **Installation:** - Within 30 days from the date of receipt of equipment in the Institute failing which Liquidated Damage clause shall apply.
25. **Liquidated Damage clause:** It would be realized @ 0.5% (half per cent) of the base price (excluding taxes) of the delayed goods for each week of delay subject to maximum of 10% of total base price of the goods supplied.
- 26. Prices:**
- i. Rates for accessories/local items to be provided by Indian Dealer can be quoted in INR.
  - ii. If any bidder wants to quote in INR, price can be quoted on F.O.R, IIAB, Ranchi basis.
27. **Tender Evaluation:** Tender evaluation will be done as enumerated in Manual on Procurement of Goods (2017) and GFR-2017.

‘Terms & Conditions are acceptable’

Dated

(Authorized signatory of the firm)



Annexure III

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

Bidder Name :									
<b>PRICE SCHEDULE</b>									
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only )									
NUMBER	TEXT #	NUMBER #	TEXT #	TEXT #	NUMBER #	NUMBER	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Quoted Currency in INR / Other Currency	BASIC RATE In Figures To be entered by the Bidder including Rs. P	GST (for all computers)	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	2	4	5	12	13	15	53	54	55
1	Complete price for Soil moisture probes (See specifications in tender documents)	1	Nos	INR			0.00	0.00	INR Zero Only
Total in Figures							0.00	0.00	INR Zero Only
Quoted Rate in Words							INR Zero Only		

- Items should be of reputed make and suitable for high end elite users
- Tax extra as applicable should be indicated separately in the column provided.

**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 tempered/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 IIAB.

**Annexure-IV**

**ICAR-INDIAN INSTITUTE OF AGRICULTURAL  
BIOTECHNOLOGY RANCHI-834003,  
JHARKHAND (INDIA)**

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

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

1.	Permanent Account Number (PAN)	
2.	GST Number	
3.	Bank Details	
4.	Bank Name	
5.	Branch Address	
6.	Account Number	
7.	Type of account (current/saving)	
8.	MICR No.	
9.	RTGS/NEFT code	

Date:

Name of the Authorized Signatory

Place:

Stamp & Signature

**TENDER ACCEPTANCE LETTER**

(To be given on Company Letter Head)

**Date:**

To

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Sub: Acceptance of Terms & Conditions of

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

Name of Tender/Work:

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Dear Sir,

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

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- 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.
6. 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)

## Annexure-VI

### 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 enrol 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 Enrolment**' 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 (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 logs in to 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 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 well 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 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 coloured (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 openers 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. This acknowledgement may be used as an entry pass for any bid opening meetings.

### **ASSISTANCE 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 Nos. 0120- 4200462/0120-4001002 or Mobile No. +91 8826246593.**

## Annexure-VII

### Details of Equipments & EMD

Sr. No.	Purchase of item	Qty	Earnest Money in INR	Tender Fee	File. No. for reference
01	<b>WAN Device (ROUTER) (As per technical specification Annexure-IX)</b>	1	60,000/-	NIL	Computer No. 166224, IIAB/3(3)/Part III/2021-22

Note: EMD defined on to the Portal is MINIMUM. Bidder has to submit the EMD as per item for which quoting for.

**Annexure VIII**

(To be furnished on company letter head)

Declaration

This is to confirm that our firm .....  
..... has never been  
blacklisted/debarred by any state Govt./Central Govt./ Department of Public undertaking enterprises.

Date:

Place:

Stamp & Signature  
Name of the Authorized Signatory



**Technical specifications:****Specifications of WAN Device (ROUTER)**

S. No.	Detailed Technical Specifications	Compliance (Yes / No)
	<b>Architecture</b>	
	Should be chassis based or fixed configuration router.	
	The Router should have 32GBRAM and 32GB internal flash/ storage from Day 1	
	Should have N+1 power supply redundancy. There should not be any impact on the Equipment performance in case one of the power supplies fails	
	All power supplies should be hot swappable for high availability	
	The equipment shall support active - active high availability using Virtual Chassis or Multi-chassis or EVPN LAG or equivalent	
	The Equipment should have a non-blocking full duplex supporting a throughput of at least 240Gbps	
	The Equipment should provide min 8 x 1/10G and 4 x 40G Interfaces from Day 1 loaded with 3 x 1G Single mode, 3 x 1G RJ-45 and 2 x 10G Single mode SFP	
	The Equipment shall support optics for 40Gbps and 10Gbps interfaces with maximum distance without any additional regenerators	
	The equipment should support following minimum MAC Address, RIB, FIB and other scale	
	MAC Address - 300k, IPv4 Routes- 2 Million, IPv6 Routes - 2 Million	
	The equipment should have minimum VRF 1000	
	The equipment should have minimum Multicast 100k	
	The operating system shall be modular and run all critical functions (Eg; Routing protocols, Forwarding plane, management tasks) in separate memory protected modules.	
	Shall support link aggregation using LACP as per IEEE 802.3ad min 64 bundles with min 8 member ports per bundle	
	<b>Protocol Support</b>	
	<b>Should support as:</b>	
	IPv4 Routing, IPv6 Routing Border Gateway Protocol, Intermediate System-to-Intermediate System[IS-IS], Open Shortest Path First [OSPF], Virtual Equipment Redundancy Protocol (VRRP), BGP PIC, GRE, DHCPv6, OSPFv3 for IPv6, 6PE, 6VPE	
	IGMPv1, v2, v3, PIM-SM, PIM SSM, MSDP, IGMP v2 snooping	
	<b>Shall support from Day 1</b>	
	mVPN (Multicast VPN), MPLS TE (Fast re-route), DiffServ-Aware TE, Inter-AS VPN, Resource Reservation Protocol (RSVP), VPLS, BGP-LU, LDP, EVPN, L2VPN, L3VPN	
	<b>Equipment shall support</b>	
	MPLS OAM, Ethernet OAM protocols - CFM (IEEE 802.1ag), Link OAM (IEEE 802.3ah), G8032/ ERPS, ITU Y.1731	
	Should support IEEE 802.1AB: Link Layer Discovery Protocol (LLDP). Allows the creation channelling with devices that conform to IEEE 802.3ad	
	Configuration Roll Back to recover the mis-configured Equipment to last good configuration	
	<b>QOS Features</b>	
	<b>Shall support the Traffic Classification using various parameters:</b>	
	IP Precedence, 802.1p, MPLS EXP, DSCP, WRED, Priority queuing, Traffic Conditioning: Committed Access Rate/Rate limiting	

	Shall support Strict Priority Queuing or Low Latency Queuing to support real time application like Voice and Video with minimum delay and jitter	
	Should have atleast 100k Hardware queues per system from Day1	
	<b>Security</b>	
	Support Access Control List to filter traffic based on	
	Source & Destination IP Subnet, Source & Destination Port, Protocol Type (IP, UDP, TCP, ICMP etc.), Port Range	
	Support per-user Authentication, Authorization and Accounting through RADIUS or TACACS, enabling centralized control of the device and the ability to restrict unauthorized users from altering the configuration	
	The Equipments shall support IEFT Netflow-v9 or equivalent feature.	
	The equipment shall support MD-5 route authentication for RIP, OSPF and BGP	
	The equipment must support multiple multi-level privilege levels for remote access (e.g. console or telnet)	
	Should support URPF, DHCP snooping, control plane policing, SNMPv3 authentication	
	Multiple privilege level authentications for console and telnet access through Local database or through an external AAA Server	
	<b>Debug, Alarms &amp; Diagnostics</b>	
	The equipment shall support for monitoring of Traffic flows for Network planning and Security purposes	
	Display of input and output error statistics on all interfaces	
	Display of Input and Output data rate statistics on all interfaces	
	The equipment must support Telnet, Trace-route, Ping and extended Ping	
	The equipment shall support System & Event logging functions as well as forwarding of these logs onto a separate Server for log management	
	The equipment shall have Debugging features to display and analyse various types of packets	
	<b>Management</b>	
	Shall support latest version of Secure Shell for secure connectivity	
	The Equipment should support Netconf interface for device configuration	
	The solution should support the network configuration protocol (NETCONF) that provides mechanisms to install, manipulate, and delete the configuration of network devices or YANG models	
	Embedded RMON support for four groups - history, statistics, alarms and events.	
	Should have to support Out of band management through Ethernet , Console	
	Event and system history logging functions shall be available	
	Operating temperature: 0 to 40 degrees	
	Humidity - 10% to 85% Non-Condensing	
	The system should support REST API for communication with third party tools and applications	
	Should have to support Out of band management through Ethernet , Console	
	Operating temperature: 0 to 40 degrees	
	Humidity - 10% to 85% Non-Condensing	
	Warranty & Support For 1 Year	