



Bankers Institute of Rural Development (BIRD) Lucknow

Tender for Supply, Installation, Testing, and Commissioning of Digital Signal Processor (DSP) at Bankers Institute of Rural Development (BIRD)

Date of issue of Tender	:	22 June 2022
Time and last date for submission of Tender	:	12 July 2022, 1500 hours
Earnest Money Deposit (EMD)	:	₹ 8,000/-
Time and date of opening of bids	:	12 July 2022, 1530 hours
Date of opening of Financial bid	:	To be informed separately after opening of technical bids

Madam/ Dear Sir,

Tender for Supply, installation, testing, and commissioning of Digital Signal Processor (DSP)

1. The Bankers Institute of Rural Development (BIRD), invites sealed tender from empanelled agencies of BIRD for purchase of Digital Signal Processor (DSP) for its office at Sector H, LDA Colony, Kanpur Road, Lucknow. You may please send your sealed tender as per Annexure-I, Annexure-II & Annexure-III.
2. The rate quoted should be inclusive of all taxes. The payment will be made after satisfactory supply, installation, testing, and commissioning of the Digital Signal Processor (DSP) at BIRD Sector H, LDA Colony, Kanpur Road, Lucknow -226012 under the presence of our representative and receipt of installation reports, warranty period/card, invoice etc. at office. The tender along with information brochure/pamphlet, should be sent in a sealed cover subscribed as "**Tender for Supply, Installation, testing, and commissioning of Digital Signal Processor (DSP)** " and addressed to The Director, Bankers Institute of Rural Development (BIRD), Sector H, LDA Colony, Kanpur Road, Lucknow -226012.
3. The Digital Signal Processor (DSP) shall be supplied and installed within 15 days from the date of supply order.

4. Sealed tenders should be submitted as advised below:

In two Envelopes indicating clearly 'Envelope No.1' – Technical Bid and 'Envelope No.2' – Price Bid. The envelopes should be addressed to **The Director, BIRD, Sector-H, LDA Colony, Kanpur Road, Lucknow-226012**, and super-scribed "Tender for Supply, installation, testing, and commissioning of Digital Signal Processor (DSP)" at BIRD, Sector-H, LDA Colony, Kanpur Road, Lucknow-226012".

5. Price bid will be opened only if technical specifications are met, may be on the same day.
6. BIRD reserves the right to accept or reject any tender without assigning any reason.
7. The quantity indicated in financial bid is indicative. Actual purchase quantity may vary and BIRD may reduce or increase the final quantity of projector to be purchased.

Yours faithfully

Sd/-
(Rakesh Kumar)
Assistant General Manager
Encl-Annexure-I, II and III

प्रिय महोदय / महोदया,

डिजिटल सिग्नल प्रॉसेसर (डी एस पी) की आपूर्ति, स्थापना, परीक्षण, चालू करने के लिए कोटेशन का आमंत्रण

1. बैंकर्स ग्रामीण विकास संस्थान (बर्ड), सेक्टर एच, एलडीए कॉलोनी, कानपुर रोड, लखनऊ -226012 में अपने कार्यालय के लिए डिजिटल सिग्नल प्रॉसेसर (डी एस पी) को खरीदने के लिए सूचीबद्ध एजेंसियों से अनुलग्नक-I, अनुलग्नक-II और अनुलग्नक-III के अनुसार सीलबंद कोटेशन आमंत्रित करता है।
2. उद्धृत दर में सभी कर शामिल होने चाहिए। भुगतान डिजिटल सिग्नल प्रॉसेसर (डी एस पी) की संतोषजनक स्थापना और कार्यालय में स्थापना रिपोर्ट, वारंटी अवधि / कार्ड, चालान आदि की प्राप्ति के बाद किया जाएगा। कोटेशन सूचना ब्रोशर / पैम्फलेट के साथ मुहर बंद लिफाफे पर " डिजिटल सिग्नल प्रॉसेसर (डी एस पी) की आपूर्ति, स्थापना, पारिक्षण, चालू करने के लिए कोटेशन" लिखा होना चाहिए और निदेशक, बैंकर्स ग्रामीण विकास संस्थान (बर्ड), सेक्टर एच, एलडीए कॉलोनी, कानपुर रोड, लखनऊ -226012 को संबोधित किया जाना चाहिए।
3. डिजिटल सिग्नल प्रॉसेसर (डी एस पी) की आपूर्ति और स्थापना आदेश की तारीख से 15 दिनों के भीतर की जानी चाहिए।
4. नीचे बताए अनुसार सील निविदाएं प्रस्तुत की जानी चाहिए:
5. लिफाफे में स्पष्ट रूप से 'लिफाफा नंबर 1' - तकनीकी बोली और 'लिफाफा नंबर 2' - मूल्य बोली लिखा जाना चाहिए। लिफाफों पर " बर्ड, सेक्टर-एच, एलडीए कॉलोनी, कानपुर रोड, लखनऊ में डिजिटल सिग्नल प्रॉसेसर (डी एस पी) की आपूर्ति, स्थापना, परीक्षण, चालू करने के लिए निविदा लिखा जाना है एवं लिफाफे को "निदेशक, बर्ड, सेक्टर-एच, एलडीए कॉलोनी, कानपुर रोड, लखनऊ- 226012", को संबोधित किया जाना चाहिए।
6. मूल्य बोली तभी खोली जाएगी जब तकनीकी विशिष्टताओं को पूरा किया जाएगा। मूल्य बोली उसी दिन भी खोली जा सकती है।
7. बर्ड बिना कोई कारण बताए किसी भी कोटेशन को स्वीकार या अस्वीकार करने का अधिकार सुरक्षित रखता है।
8. वित्तीय बोली में दर्शाई गई मात्रा सांकेतिक है। वास्तविक खरीद मात्रा भिन्न हो सकती है और बर्ड खरीदे जाने वाले डिजिटल सिग्नल प्रॉसेसर (डी एस पी) की मात्रा को कम या बढ़ा सकता है।

ह./-

(राकेश कुमार)

सहायक महाप्रबंधक

संलग्नक-अनुलग्नक-I, II और III

Form of Tender

Date:

Place:

The Director
BIRD
Sector-H, LDA Colony,
Kanpur Road,
Lucknow-226012

Dear Sir

Tender for Supply, Installation, Testing & Commissioning of Digital Signal Processor (DSP) at BIRD, Sector-H, LDA Colony, Kanpur Road, Lucknow

Having examined the conditions relating to the works specified in the Memorandum hereinafter set out, having visited and examined the site of the works specified in the said tender and having acquired the requisite information relating thereto as affecting the tender, I/We hereby offer to execute the works specified in the said Memorandum within the time specified, at the rates to be mentioned in the Price Bid, which may be issued to us by BIRD in the event that we qualify the technical bid and in accordance in all respects with the Technical Specifications (given in Annexure I) and instructions referred in 'Terms and Conditions' (Annexure II) and Price Bid are provided for, by and in all other respects in accordance with such conditions so far as they may be applicable.

MEMORANDUM

a)	Description of work	Supply, Installation, Testing & Commissioning of Digital Signal Processor (DSP) at BIRD, Lucknow
b)	Earnest Money	₹ 8,000/-
c)	Time allowed for completion of the work	15 days
d)	Retention Money Deposit (RMD)	5% from every R.A. Bill, maximum 5% of actual value of work

2. We understand that the time for completion shown above shall be reckoned from the date of issue of the Letter of Work Order.
3. Should this tender be accepted, I/We hereby agree to abide by and fulfil the terms and

provisions of the said Conditions of Contract annexed hereto so far as they may be applicable or in default thereof to forfeit the EMD and pay to the Bankers Institute of Rural Development (BIRD), the amount mentioned in the said Conditions.

Our Bankers are:

- 1.
- 2.

The names of partners of our firm are:

- 1.
- 2.
- 3.

Name of the partner of the firm Authorized to sign:

OR

Name of person having Power of Attorney to sign the contract (certified copy of the Power of Attorney should be attached)

Yours faithfully

Signature of Tenderer

TECHNICAL BID

Annexure-I

Technical specifications

i) Name of Job- Supply of **Supply, Installation, Testing, and commissioning of Digital Signal Processor (DSP).**

❖ Quantity Required- 01 Digital Signal Processor (DSP).

ii) Place of Delivery & Installations- BIRD, Sec-H, LDA Colony, Kanpur Road, Lucknow-226012

Sl. No.	Component	Item Description	Make and Model supplied by the Bidder/ Vendor
1.	Digital Signal Processor (DSP)	SITC of Digital Signal processor with 2 Analog Inputs (with 48v Phantom Power per Channel) ; 8 Analog Outputs or better ; Configurable Signal Processing ; 12 Channels of AEC Processing with Auto Gain Control and Noise Cancellation or better ; Rich Palette of Processing and Logic Objects ; 48 Channel or better , Low Latency, Fault Tolerant Digital Audio Bus ; Clear Front Panel LED Indication ; Bi-Directional Locate Functionality ; 12 Control Inputs or better and 6 Logic Outputs for GPIO Integration. USB interface For All Kind of Software Based Video Conferencing System (Google Meet, Zoom, MS-Team). All Audio Component to be integrated with Software VC and Hardware VC	
2.	Mike cable	SITC of 2x0,35 mm² (22AWG) Low Capacitance Supreme Microphone Balanced Cable, Braided Shielding O.F.C. tinned copper covering 90%	

Signature of contractor with seal

Annexure-II

Terms, Conditions, and instructions

- 1) The price quoted should be inclusive of all taxes and ancillary costs like transportation charges, installation costs, cost of additional accessories, if any etc. No additional cost shall be paid for such purposes.
- 2) Specific authorization from the original manufacturer of the Hardware and Software would be required for this tender.
- 3) Time of completion of work is 15 days, which will be counted from date of issue of work order.
- 4) The tender should be accompanied by manufacturer's information brochure of the articles quoted for.
- 5) The EMD may be deposited in way of online transfer only to our Axis Bank C/A:
Details are as follows:
 1. Account number: 921020044058630
 2. IFSC Code: UTIB0000053
 3. Address: Axis Bank Main Branch MG Road, Lucknow, 226001
- 6) No part payment shall be made for items not completed as per specification.
- 7) The rates quoted by the agency shall be valid for 90 days from the date of opening of tender.
- 8) EMD of successful tenderer will be released after successful installation of Digital Signal Processor (DSP) and RMD will be kept as security deposit for 1 Years (Defect Liability Period)
- 9) After successful installation of Digital Signal Processor (DSP) all the payments shall be made through e-payments only; the bidders should take care to furnish their correct bank details at the appropriate place in the tender format.
- 10) The agency has to specify the provisions of after-sale service and warranty for the articles to be purchased.
- 11) BIRD reserves the right to cancel the tender process without assigning any reason.
- 12) BIRD also reserves the right to increase or decrease the number of Digital Signal Processor (DSP) required.
- 13) BIRD reserves the right to ask for submission of original bills of material purchased which will be returned after verification.

- 14) Bidders are requested to seek clarification if any before submission. The queries may be sent to use at dit.bird.lko@nabard.org
- 15) The actual purchase quantity may vary and bird may reduce or increase the final quantity of Digital Signal Processor (DSP) to be purchased.

Date:

Signature of contractor with seal

Place:

Annexure-III

The Director
Bankers Institute of Rural Development
Sec-H, LDA
Colony, Kanpur
Road, Lucknow-
226012

Dear Sir,

Tender for supply, installation, testing, and commissioning of Digital Signal Processor (DSP)

Please refer to your Letter Nodated calling for tender for supply and , installation, testing, and commissioning of Digital Signal Processor (DSP) at your office (BIRD, Sec-H, LDA Colony, Kanpur Road, Lucknow-226012). Having acquired the requisite information affecting the tender and having accepted the terms and conditions mentioned therein we hereby offer to supply and install the Digital Signal Processor (DSP) specified in the said letter and quote our rates and furnish other required information in prescribed proforma as per details below.

1	Name and address of the agency	
2	Telephone Nos	
3	Nature of Ownership- Proprietary, Partnership, Regd. Company etc.	
4	Details of Proprietor, Partners, or CEO in case of a regd. Company. Enclose ID proof of the proprietor, copy of partnership deed or Regd. Certificate in case of company.	
5	Income Tax PAN No (Attach self-attested photocopy)	
6	GST Regd. No (Attach self-attested photocopy)	
7	Details of Bank Account:	
(i)	Name of the Account holder	

(ii)	Name of the Bank, Branch & Place:	
(iii)	A/c type (Savings or Current) :	
(iv)	IFS code	
(v)	Account No. (Attach self-attested photocopy of a cancelled cheque)	

PRICE BID

S. No.	Item Description	Make & Model	Quantity	Unit Price inclusive of all GST (₹)	Total Amount inclusive of GST (₹)
1	Supply, Installation, , Testing, and commissioning of Digital Signal Processor (DSP) as per technical specification enumerated in Annexure - I		01		
2	Mike Cable (for Software and Hardware VC)		01		
Total Amount (Inclusive of GST)					

- ❖ The actual purchase quantity may vary and BIRD may reduce or increase final quantity of the Digital Signal Processor (DSP).

Signature and seal of the authorized signatory of the agency

Date:

Place: