Office: 12, Biplabi Kanai Bhattacharya Sarani, Alipore, Kolkata - 700027

Phone: 033-2449 9944 / 2479 1694, Fax: 033-2448 7871

Email: dm.s24pgs@gmail.com, dm-ali@nic.in

Memo No: 2.0./IT/S-24PGS/23

NOTICE INVITING e-TENDER

Name of Work: Setup of IT Infrastructure for the Integrated Control Room in the District Collectorate of South 24 Parganas

SCHEDULE OF IMPORTANT DATES OF BIDS

ARTICULAR	DATE & TIME
Date of Publication of e-NIT	03-05-2023 at 10:00 AM
Document download start date	03-05-2023 from 10:00 AM
Document download end date & time	17-05-2023 up to 10:00 AM
Bid submission start date	03-05-2023 from 10:00 AM
Last date & time of online submission of Technical Bid and Financial Bid.	17-05-2023 up to 10:00 AM
Date & Time of opening of Technical Bid in the Office of the Additional District Magistrate, South 24 Parganas	19-05-2023 at 11:00 AM
Presentation on proposed work	19-05-2023 at 01:00 PM
Tentative Date & Time of opening of Financial Bid in the office of the Additional District Magistrate, South 24 Parganas	19-05-2023 at 4:00 PM
Validity of bid	1 year
Completion Period of the entire setup	Within 10 days



Date: 02-05-2023

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On behalf of the District Magistrate, South 24 Parganas, the Additional District Magistrate, South 24 Parganas invites e-Tender in TWO BID SYSTEM for the aforesaid work from reliable, resourceful, bona-fide and experienced firms / companies / contractors having requisite financial capability and sufficient relevant work experience. The details are given below:

Name of work	Collectora	T Infrastructure for the Integrated Contro te of South 24 Parganas	
	Supply, In Infrastruc Parganas	stallation and Commissioning of following it ture for the control room in the District Col :	tems for setting up of 11 lectorate of South 24
	SL No.	Description of items	Quantity
	1	1.5 mm Indoor LED Wall display (16 ft x 8 ft) with 1 years onsite warranty	1 pc.
	2	LED Panel Controller	1 pc.
	3	16-Channel Multi-Viewer	1 pc.
	4	LED Switcher	1 pc.
	5	Video switcher	1 pc.
Scope of Work	6	Cisco Business CBS350-24T-4G Managed Switch (with 3 years onsite warranty)	3 pcs.
	7	AMC for IT Infrastructure in Control Room	3 years
	8	Manpower support (1 person for 1 year)	12 Person- months
	9	Bidirectional Converter	12 pcs.
	10	DAC-70 Converter	2 pcs.
	11	HDMI to SDI Converter	6 pcs.
	12	SDI to HDMI Converter	6 pcs.

OFFICE OF THE DISTRICT MAGISTRATE & COLLECTOR

SOUTH 24 PARGANAS

Description of

Work

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13	SDI Distributor	2 pcs.
14	HDMI Cable 15 Mtr	6 pcs.
15	HDMI Cable 20 Mtr	4 pcs.
16	HDMI Cable 1.5 Mtr	12 pcs.
17	SDI Cable 50 Mtr	1 pc.
18	SDI Connector	50 pcs.

\$\ldot\ \frac{1.5 mm Indoor LED Wall 16' x 8'

1.5(mm) Pixel pitch

LED: SMD1010

Pixel Density: 422753 dots/m2

Pixel Configuration : Commercial grade 3-in-1 SMD

Cabinet Dimension: (Length)640mm x (Height) 480mm x

(Depth)74mm

Cabinet Resolution: 416 px x 312px

Module Dimension: 320mm x 160mm

Module Resolution: 208 dots x 104 dots

Viewing Distance: 1.5 Meter

IP Rating: IP30

Frame Rate: 50/60 FPS

Brightness: 800 cd/M⊐2;

Gray Scale: 16 bit

Contrast Ratio : ≥7000:1

Brightness uniformity: 99%

Controller System: VTRONIS

Power Consumption : Max : 500 w/Pcs , Average : 160 w/Pcs

Viewing Angle: Horizontal 160°, Vertical 160°

24x7 run time

OFFICE OF THE DISTRICT MAGISTRATE & COLLECTOR

SOUTH 24 PARGANAS

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LED Panel Controller

- Industry-standard input connectors
- DVI connector: 1920x1080@60Hz input
- HDMI 1.3 connector: 1920x1080@60Hz input
- 3G-SDI connector: 1920x1080@60Hz input
- DP 1.1 connector: 4kx2k@30Hz input
- HDMI 1.4 connector: 4kx2k@30Hz input
- Dual system modes Supports both Splicer and Switcher modes, which can meet different application requirements.
- Multiple layer display Supports up to 6x 4k x2k layers that can be positioned freely and cross connector output,
- HDMI connector dedicated for output monitoring
- Supports monitoring of a single input source, PVW or PGM.
- Supports mixed monitoring of all input sources, PVW and PGM.
- Supports displaying of input resolution and refresh rate.
- Display control function Makes the screen fade to black or freeze the screen by simply elicking one button.
- Layer layout management The device is built-in with 7 layer layouts & can load one of the layer layouts to quickly lay out the layers.
- Multiple operation modes The device can be controlled via its front panel, the smart control software V-can or C1 event controller.
- DVI with 8 connectors
- 1 ETHERNET Connector to communicate with the control PC or connect to the network.
- 1 Nos of USB (Type-B) to control PC for device control.
- 1 Nos of USB (Type-A) with reserved connector.
- Power Specification AC100-240V , 50/60Hz

16-Channel Multi -Viewer

- Video Inputs: 16 x 10-bit SD-SDI, HD-SDI and 6G-SDI
- Video Outputs: 16 x 10-bit SD-SDI, HD-SDI and 6G-SDI
- SDI rate: 270Mb, 1.5G, 3G, 6G.
- SDI Video Multi View Outputs: 2 x 10-bit HD-SDI, 2 x 10 bit 6G-SDL
- HDMI Video Multi View Outputs: 1 x HDMI type A connector. Output supports EDID of the monitor
- Output Resolution: upto 1080p
- SDI Reclocking: On all SDI outputs, auto switching between standard definition, high definition or 6G-SDI video

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- Multi Rate Support: Auto detection of SD, HD or 6G-SDI. Simultaneous viewing of 4K, HD and SD video.
- Control Option: Via front panel LCD or use either RJ45 Ethernet or USB 2.0
- Layout: Grid layout and custom layout option
- Re-sizing Engine
- 20 kinds of multi-viewer split patterns able to be selected as standard.
- External Interfaces
- GUI Control Function via Web Browser
- Redundant power supply

Video Switcher (Media Server)

- Total Video input: 20
- Total Video output: 12
- SDI rate: 1.5G, 3G
- Total Audio Inputs : 2 x balanced 1/4 inch Jack, 1 x 5 pin XLR Talkback.
- Total Audio Outputs: x 5 pin XLR Talkback.
- SDI Audio Inputs : Ch embedded audio on all SDI inputs.
- SDI Audio Outputs: 2 Ch embedded audio on all SDI outputs.
- Total Multi Views : x 3G-SDI
- USB Webcam output
- SDI Auto Switching: Automatically detects between 1.5G-SDI and level A or level B 3G-SDI.
- Multi View Monitoring: 2 x multi views each configurable to 16, 13, 10, 7 or 4 up views. Includes monitoring of Program, Preview
- Multi View Video Standard : HD
- Display Minimum Resolution: 1366 x 768
- Audio Mixer: 48 Channel mixer Selectable On/Off/Audio-Follow- Video. Level and Peak metering. Master gain control. 6 band parametric EQ, Dynamics including Expander, Gate, Compressor and Limiter
- Ethernet: Supports 10/100/1000 BASE-T.

LED Switcher:

- Switcher Mode: 4 Program output, support 4 layers, layer size and position freely change
- Moasaic Mode: 8 Output, each output support 4K1K@60Hz, max mosaic to 16K*2K@60Hz
- Support 4K*2K/60H 4:4:4 input
- Support HDCP1.4&2.2

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Bid Inviting

Authority



ill: dm.s24pgs@	ogmail.com, dm-ali@nic.in	
	1 Multi-window preview, preview input signal, real-time output, custom layout 8 Mixed matrix input, multiple 2K/4K input Background picture capture Input EDID management Image Crop, Layer Zoom Support external synchronization, Multi-cascade mosaic Touch screen control 20 presets save and Load Hot backup	
	❖ Cisco Business CBS350-24T-4G Managed Swit	eh:
	 24 x 10/100/1000 Ethernet ports 4 x 1G SFP uplink ports Rack mountable Support for VLAN and VLAN tagging Support for ACLS 3 years warranty 	
	❖ DAC-70 Converter :	
	Conversion: VGA/HDMI/SDI to HDMI/SDI (Mull Up/Down/Cross) Video Inputs: 1x VGA, 1x HDMI, 1x 3G/HD/SD-SA and Level B) Loop Through: Yes Video Outputs: 2x 3G/HD/SD-SDI with embedded Level A and Level B)1x HDMI Audio Inputs: 2x RCA (Stereo Pair), 2x SDI/HDM Audio Outputs: SDI embedded audio up to 8CH, 4 HDMI embedded audio up to 8CH, 48KHz, PCM Output Resolutions: upto 1080p Power: DC 12V, 6W	SDI (support Level d Audio (support dI Audio embedded sKHz, PCM audio
	Note: Quantity of the above items may be increased/ decreased as per Rate will be fixed as per pro-rata basis.	
	Item wise rate should be given inclusive of all the charges (in commissioning charges with GST).	istaliation and

Additional District Magistrate, South 24 Parganas on behalf of the District

Magistrate, South 24 Parganas

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CREDENTIAL:

1. TECHNICAL CREDENTIAL / EXPERIENCE:

Intending bidders shall submit valid credential certificate of completion of one similar nature of work having minimum value of 40% of the estimated amount put to tender during last 3 (three) years prior to the date of issue of the tender notice

TECHNICAL BID

Eligibility Criteria for Technical Bid evaluation

NOTE: Original documents will be verified only in case of doubt and complaint

IMPORTANT: If the bidders do not upload these requisite documents in the etender portal, they will summarily be rejected during evaluation. If anyone found to be submitting false or manufactured credential, then the bidder may be black listed or prevented from participation.

OR

Intending bidders shall submit valid credentials of 2 (two) similar nature of completed work, each of the two having minimum value of 30% of the estimated amount each put to tender during last 3 (three) years prior to the date of issue of the tender notice.

Note: Similar nature of work means executing IT Infrastructure

2. FINANCIAL CREDENTIALS:

Average Audited Annual Turn Over for the last 3 (three) consecutive financial years should be equal to or more than 60% of the total estimated amount put to tender.

3. MANDATORY DOCUMENTS:

- Valid Trade License/ Registration
- Income Tax return for the last 3 financial years
- GST Registration certificate with up-to-date GST clearance
- Professional Tax Clearance certificate for the last financial year
- Audited Balance Sheets of last 3 financial years.
- · Pan Card.

4. OTHER DOCUMENTS:

- Declaration in an affidavit that no litigation is pending against the Firm/company/contractor or not black listed.
- Declaration on manpower and hardware to be deployed

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Earnest Money of Rs. 62,000/- (Rupees Sixty Two Thousand) only will be deposited electronically during filling up the e-Tender document. Offers not accompanied by the EMD will summarily be rejected.
The earnest money deposited will be forfeited by the undersigned in case -
The bidder withdraws from tender after opening of tender / after acceptance.
 The selected bidder fails to accept work order, refuses either wholly or partly the offer that would be made by the undersigned.
 The selected bidder fails to do the work or supply materials as per specification.
Bid Document is available in the e-Tender portal of Govt. of West Bengal, http://webtenders.gov.in . Bidders who have registered with National Informatics Centre (NIC) can participate in the tender. Interested bidders shall register in e-Tender portal in advance. Document requisition shall be done as per instruction given in the Information to the Bidders section.
PROCESS OF EVALUATION AND SELECTION OF BIDDER
Bids will be evaluated by the tender evaluation committee chaired by ADM and comprises of OC(IT) and DIO, NIC, South 24 Parganas on Quality cum Cost basis to ensure a fair and transparent method of selection.
Technical Bid Evaluation :
The Technical Bid will be evaluated on necessary documents submitted as mentioned in the NIT and marks will be given to the eligible bidders on the following parameters:
Experience in handling similar nature of work in last 3 years
Presentation on entire project
Manpower support and hardware to be deployed

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procedure.



- 11			sical Bid Evaluation	Weightage
	Sl. No	Parameters	Supportive documents to be produced	Point
	1	Experience in handling similar nature of work in last 3 years	Documents to be produced executing IT Infrastructure in last 3 years as mentioned in eligibility criteria section of the tender document	20
	2	Presentation on entire project	Key resource person of the organization will make a Power Point presentation before the Tender evaluation committee on the proposed work on the date mentioned in the NIT	20
	3	Manpower support and hardware to be deployed	Declaration on manpower and hardware to be deployed (to be submitted during technical bid submission)	10
			Total marks	50
	and s bid e	core greater than valuation.	ooth technical & financial) as ment or equal to 25 out of 50, will quali	ly in the technical
	evalu	ation.	qualified bidders can advance	for Financial bid
	The I	ation. Financial Bid shows and duties and	uld be expressed as a consolidated processing charges.	for Financial bid
	The I	financial Bid shows and duties and partial Bid of the term with the lowes work.	uld be expressed as a consolidated processing charges. chnically qualified bidders will be it financial proposal i.e. L1 bidder s	for Financial bid fee inclusive of al evaluated and the will be selected fo
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Important	
Instructions	

- Names of the technically qualified bidders as per the bid criteria after verification with original [in case of doubt and complaint] & evaluation will be displayed in the e-Tender portal by the tender evaluation committee.
- The financial bid documents of the technically qualified bidders will only be opened.
- Bid inviting authority of South 24 Parganas reserves the right to reject or cancel any or all pre-qualification documents and bid document without assigning any reasons whatsoever.

INFORMATION TO THE BIDDERS (ITB)

Download of Tender

Tender to be downloaded only from the e-Tender portal of Govt. of West Bengal i.e. http://wbtenders.gov.in. The tender will be submitted in two bid system i.e. Technical bid & Financial bid only through online mode.

Submission of Earnest Money Deposit: Earnest Money of Rs. 62,000/- (Rupees Sixty Two Thousand) only will be deposited by the bidder electronically online - through his net banking enabled bank account maintained at any bank. Intending bidder will get the beneficiary details from e-tender portal with the help of Digital Signature Certificate and may transfer the EMD from their respective bank as per the beneficiary's name and account no, amount, beneficiary's bank name & IFSC code.

Technical Proposal:

Technical proposal should contain the following two covers:

- A) Statutory Cover: It contains the scanned copies (pdf format) of following documents
 - Prequalification Application (Form -I)
 - Earnest money (EMD) as prescribed in NIT
 - NIT (digitally signed)
- B) <u>Non-Statutory Cover</u>: It contains the scanned copies (pdf format) of following documents
 - I) Certificates:
 - Valid Trade License / Registration
 - Income Tax Return for the last 3 financial year
 - GST Registration certificate with up-to-date GST clearance
 - Professional Tax Clearance certificate for the last financial year
 - Audited Balance Sheet of last 3 financial years
 - PAN Card

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Credential: II)

 Technical Credential: Documents of executing similar nature of work. Technical credential should be declared in following format:

	No.	Name of the Organization to whom supplied	Name of Items	Quantity	Amount put to Work Order	Gross value of work done	Supply Order No. & date	Date of Commen cement of work	Date of Completi on of work
--	-----	---	------------------	----------	-----------------------------------	-----------------------------------	----------------------------------	--	--------------------------------------

Financial Credential: The average annual turnover of the agency in last 3 financial years as mentioned in the NIT

Declaration: III)

- Declaration in an affidavit that no litigation is pending against the Firm/company/contractor or not black listed
- Declaration on manpower and hardware to be deployed.

Financial Bid / Proposal:

The financial bid should contain the Bill of Quantity (BOQ) (item rate excel format) in one cover. Bidders are to quote the item rate (including all charges and taxes) at the marked space in the BOQ.

EMD Exemption: EMD exemption is allowed in this tender. Bidders registered with MSME can avail EMD exemption with uploading valid MSME documents.

Only downloaded copies of the above documents, digitally signed by the contractor are to be uploaded (Excel file).

PAYMENT:

Payment against the bill claim subjected to verification by the competent authority will be made on availability of fund.

EMD of the successful bidder may be adjusted against the bill claim while making payments.

The Payment of RA as well as final bill for any work will be made according to the availability of fund and no financial claim in case of any delay in payment will be entertained. No bidder can hamper the progress of work by stating non-payment of bills or non-receipts of payment. The financial capabilities of the bidder are evaluated through his annual turnover and no bidder can cite the non-payment as a reason for delayed completion or slow progress of work. Authority may impose penalty for delay in completion of work.

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Other Terms and conditions: -

- The credentials submitted by the bidders shall invariably be verified from competent authority through formal/informal ways. If the bidders are found producing manufactured credentials, then appropriate action for black listing/prohibition of participation / criminal proceeding shall be initiated by the bid inviting authority.
- Sub-contracting by the successful bidder will not be allowed. Tender Committee shall take appropriate action against the willful defaulter.
- The Bid inviting authority reserves the right to terminate the contract by giving one-month notice to the agency in case if any deviation from the norms or any non-compliance.
- 4. The entire work shall be completed within the time frame given in the work order. Any deviation in work completion period will invite penalty of 1-5% on the value of pending work. The Bid Inviting Authority is empowered to impose such penalty by obtaining a report from engineers.
- Time extension on completion of work shall not be given in ordinary circumstances. Bid inviting authority is empowered to decide on time extension only after making proper assessment through a team of officials in an extraordinary circumstance like land dispute, natural calamity or similar situation.
- Bid Inviting Authority shall moot a proposal for Black listing or prohibition of any contractors' participation for a period of one year for blatant violation of tender norms or for vitiating tender process.
- 7. Withdrawal of bid: None of the bidder shall be allowed to withdraw the bid once submitted. If any bidder attempts to withdraw bid at any stage of the bidding process or decides to withdraw after issuance of work order, then the EMD shall be forfeited and process shall be initiated for either black listing the bidder or prohibiting participation in any tenders for a period of one year.
- Negotiation with L2 bidder is prohibited.

The bid inviting authority reserves the right to reject or cancel any bid without assigning any reason whatsoever. Any attempt by the bidders to produce fake or false documents and frivolous complaints with an intention to vitiate the tender process will be viewed seriously and the tender committee will take necessary action to initiate process for black listing them.

Additional District Magistrate, South 24 Parganas

Bid Inviting Authority

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Date: 02-05-2023

Memo No: 2.0/1(4)/IT/S-24PGS/23

Copy forwarded for information and taking necessary action to:

Nazareth Dy, Collector, South 24 Parganas for displaying NIT in office notice board

DICO, South 24 Parganas for publishing brief advertisement of NIT in the newspaper as prescribed

3. DIO NIC, South 24 Parganas for uploading the NIT in official website of the district

4. CA to DM, South 24 Parganas for kind appraisal of the District Magistrate

Additional Distric Magistrate, South 24 Parganas

8

Bid Inviting Authority

Office: 12, Biplabi Kanai Bhattacharya Sarani, Alipore, Kolkata - 700027

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To



Form-I PRE-QUALIFICATION APPLICATION

The Additional District Magistrate,
South 24 Parganas
Ref : Tender for (Name of work)
Tender Id :
Dear Sir,
Having examined the NIT documents, Statutory and Non-statutory documents, I/we hereby submit all the necessary information and relevant documents for evaluation.
The application is made by me /us on behalf of (Organization name)

The necessary evidential documents admissible by law on behalf of the group of firms for application and for completion of the contract documents is attached herewith.

We are interested in bidding for the works given in enclosure to this letter.

We understand that:

 Tender Inviting & Accepting Authority can amend the scope and value of the contract bid under this project.

 Tender Inviting & Accepting Authority reserves the right to reject any application without assigning any reason.

Enclo: e-Filling of Statutory and Non-statutory documents

Signature of Applicant (including title and capacity in which application is made)