Webel
opportunities infinITe
West Bengal Electronics Industry Development Corporation Limited

Registered Ofiice

Webel Bhavan, Block - EP & GP, Sector - V Bidhannagar, Salt Lake, Kolkata 700091

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EXPRESSION OF INTEREST (EOI)

EOI No. WEBEL/EOT/COM/20-21/00035, Dated: 05-11-2020

For Supply of Digital Mixing Consoles for recording & playing in the studio setups of our customers, All India Radio and other Radio Stations.

WEST BENGAL ELECTRONICS INDUSTRY DEVELOPMENT CORPORATION LIMITED invites EOI for the work detailed in the table below:

Brief Description of Work	Tender Document Money (Rs) [Non-refundable] (Online)	Earnest Money Deposit (EMD) (Rs) [Refundable] (Online)	Last Date and Time of Bid Submission (Online)	TECHNICAL BID Opening Date and Time (Online)
EXPRESSION OF INTEREST [EOI] FOR SUPPLY OF DIGITAL CONSOLES	Rs.10,000 (Rupees Ten Thousand Only)	Rs. 100,000 (Rupees One Lakh Only)	12-11-2020 12:00 HRS.	14-11-2020 13:00 HRS.

For Commercial Queries, Contact:

1. Wing Commander Pratul Show(Retired) G.M.(Commercial) E-Mail: pratul.show@webel-india.com
2. Mr. Kausik Halder Assistant Manager (Commercial) E-Mail: halder.kausik@webel-india.com

DATE & TIME SCHEDULE

Activity / Event Description	Date	Time
Bid Submission Start Date & Time (Online)	05.11.2020	6.00 PM
Pre Bid Conference (Online)-Kindly Click on the Pre Bid meeting link to attend pre bid.	09.11.2020	12.00 PM
Submission of Bid(s) (Online)	12.11.2020	12.00 PM
TECHNICAL BID Opening (Online)	14.11.2020	01.00 PM

EXPRESSION OF INTEREST [EOI] FOR SUPPLY OF DIGITAL CONSOLES

WBEIDC Limited Invites Expression of Interest from the prospective Bidders for Supply of Digital Consoles, (99 nos.) for recording & playing in the studio setups of our customers, All India Radio under Prasar Bharati and other Radio Stations. Digital Consoles will be of three types namely, Transmission Console, Switching Console & Dubbing Console. The Vendor should be OEM itself or it's Authorised representative in the country.

A. General Criteria of EOI

1. Documents to be submitted along with the Bid:

- A Clause-by-Clause full compliance statement in respect to specifications of Consoles (Section-B) from the OEM of the offered Consoles.
- Printed literature/ user manual of Consoles giving complete details of features and performance data on non-returnable basis to facilitate the technical evaluation.
- A Standard Operating Procedure (SOP) for rectification of faults shall be provided
- A copy of un-priced Bill of Material (BOM) indicating make, model no. , complete configuration details of offered hardware shall be provided.
- Documents in support for the offered console, having been deployed in broadcasting organizations in the country & abroad.
- Full technical Support Commitment for hardware & software of Console for a period of five years.

2. Evaluation:

- The Bids shall be technically evaluated on the basis of conformity to Technical Specifications.
- Technical evaluation shall be done on the basis of compliance statement, customer reference certificates & technical literature related to quoted products. Vendors may be asked to demonstrate the functioning of consoles, if required
- The bids fully meeting technical specifications shall only be considered technically okay.
- The bidders credentials on successful operation of the offered product certified by the users, needs to be submitted along with the proposal.

B. TECHNICAL SPECIFICATIONS:

1.1 GENERAL FEATURES OF CONSOLES:

S. No.	Specifications	Compliance	Reasons for Deviations (if any)	Details
1.1.1	The console should be compact ergonomically designed professional product and suitable **for reliable operation on 24x7x365 basis working**.			
1.1.2	It should be housed in rust-proof pre-painted cabinet/Anodized Metal cabinet.			
1.1.3	The main electronics portion may be in separate 19-inch rack mountable unit. The Operational part (Containing Faders, Switches & Level Display etc) of console i.e console Fader surface should be suitable for Tabletop mounting. However, all the parts of console should be from same OEM.			
1.1.4	The layout of modules / parts / components in the console should be professional to permit easy access to the wiring, inspection, repairs / servicing.			
1.1.5	Inputs, Outputs & other connectors shall not be on the working/Operating Area of the console.			
1.1.6	All switches / buttons / Selection Points operable by operator should be sturdy and designed for reliable operation for long hours.			
1.1.7	The controls for output bus assignment, channel on/off, monitoring level control, talkback & signaling etc. should be appropriately located on the control surface of the console.			
1.1.8	All selection points on the console surface should have clear illuminated status indication or adjacent display for easy understanding.			
1.1.9	Status Indications should be provided for signaling, talk-back from other consoles, channel selection & PFL indication.			
1.1.10	The controls meant for presenter/RJ like input source selection, output bus			

	assignment, monitoring, talk-back, signaling etc will be appropriately located on the console. All other controls shall be accessible only to the system administrator.			
1.1.11	The faders on the console surface should be long–throw (100 mm) conductive plastic type and shall be of reputed make.			
1.1.12	The console should be totally self-contained and should function on day to day basis without aid of (connecting to) external computer/Laptop. However, if required, the use of computer/laptop is allowed to upgrade the firmware and configure the console. Once configured, the console should function as standalone device without being connected to any computer/Laptop. Various operational features like channel routing, mix-minus, phantom ON/OFF, EQ, Gain, panning etc shall be available on console surface.			
1.1.13	It should be possible to save & recall the configuration settings of console with appropriate interface screen & control port etc for future reloading by authorized user/administrator.			
1.1.14	The console should support at least two levels of users i.e. Admin & Operator. Admin user should only have power to change the configuration of the console.			
1.1.15	Console Fader surface should Display Time Clock. Clock should be able to synchronize with NTP Server.			
1.1.16	Operating Environmental conditions: The consoles shall be able to work without any problem in the following conditions:			
	Operating Temperature: From 10º C to 35º C			
	Operating Humidity : Up to 80% RH (non-condensing) at 30º C.			
1.1.17	The system shall be used in the vicinity of high frequency & high Power Radio frequency field. Therefore, the system shall conform to electromagnetic Standards as per relevant guidelines for protection requirements relevant to electromagnetic phenomena as per national/international standards.			

1.2 DIGITAL PARAMETERS:

S. No.	Specifications	Compliance	Reasons for Deviations (if any)	Details
1.2.1	The consoles shall have state-of-the-art digital circuitry.			
1.2.2	All the internal Audio Processing in the consoles shall be fully DSP (digital signal processing) based.			
1.2.3	A to D and D to A converters shall have minimum 24 bit resolution.			
1.2.4	Various Control Circuits in the console should be digital and entire switching shall be through solid-state digital switches.			
1.2.5	All digital inputs and outputs should conform to AES3-1992 signal format.			
1.2.6	It should have 48 kHz sampling Rate as default. All analogue signals shall be digitized to default Sampling Rate. All Digital signals shall also be sample rate converted to default sampling rate.			
1.2.7	The console should have Internal Digital reference signal. Provision should also exist to synchronize the console from an external Digital reference signal.			

1.3 AUDIO INPUTS:

S. No.	Specifications	Compliance	Reasons for Deviations (if any)	Details
1.3.1	Consoles should accept the Mono Mike, Stereo Line (Analogue) & Digital Audio Inputs.			
1.3.2	The microphone inputs should be available on XLR connectors.			
1.3.3	The Analogue line level inputs and outputs & Digital AES inputs & outputs shall be balanced. These should be available on balanced 3-pin XLR or on 'D' type connector or on RJ 45 connectors.			
1.3.4	Various Consoles should have Mono Mike Inputs as follows:			
	Transmission Consoles: 4			
	Switching Consoles: 4			
	Dubbing Consoles 8			
1.3.5	All Consoles should have 4 (Four) Stereo/8 (Eight Mono) Line Inputs.			
1.3.6	Various Consoles should have 4 (Four) AES Digital Line (Stereo) Inputs.			
1.3.7	It should be possible to assign any Audio input source to any input Fader without any change in cabling.			
1.3.8	Each of the Mono Mike input should have switchable Phantom Supply of 48 Volts DC. It should be possible to switch on or off the phantom.			
1.3.9	It should be possible to reverse the Phase of each of the Mike input source.			
1.3.10	It should be possible to route the Microphone input to Stereo Outputs using Pan Control on fader surface.			
1.3.11	It should be possible to re-balance the Stereo Analogue input to Stereo Outputs using Balance Control on fader surface.			
1.3.12	Digital Audio Input signal with sampling rates of 44.1 KHz, 48 KHz, 96 kHz and Bit rate of 16/24 shall be accepted.			
1.3.13	Console shall have a built-in Sampling Rate convertor on each Digital input so as to convert Digital Audio Signals of different sampling rate to default sampling rate.			

1.4 Features of Input Faders:

S. No.	Specifications	Compliance	Reasons for Deviations (if any)	Details
1.4.1	Each Fader shall have Selection for routing/assigning any of the input to any of the four output program bus.			
1.4.2	Each fader should fade in from infinity to zero to provide nominal output with minimum 10dB reserve gain.			
1.4.3	Each Fader should have Fader on/off switch for switching on or off selection of the input source.			
1.4.4	Each Fader should have facility of LCD display where Name of input Source can be displayed.			
1.4.5	Inputs should be routed to any Faders using Matrix Router. It should be possible to select any input on any Fader. Routing of any Input to any fader should be possible using console surface or configuration software.			
1.4.6	Various Consoles should have Faders as follows:			
	Transmission Consoles: 10			
	Switching Consoles: 6			
	Dubbing Consoles: 12			
1.4.7	In case, the frame size (meeting the requirement of numbers of faders) is not exactly matching the requirement of input faders, higher frame size shall be offered.			

1.5 AUDIO OUTPUT (LOGICAL/ BUS):

S. No.	Specifications	Compliance	Reasons for Deviations (if any)	Details
1.5.1	Consoles should provide four independent Audio Outputs after mixing various input sources as per various fader configurations selected by user.			
1.5.2	Consoles should provide at least two independent mix-minus bus outputs (mono) for at least two input sources Accordingly, provision should exist in at least two faders for mix-minus selection for input sources connected to those faders.			
1.5.3	It should be possible to route any of above mentioned outputs to any physical Audio output.			

1.6 AUDIO OUTPUT (PHYSICAL):

S. No.	Specifications	Compliance	Reasons for Deviations (if any)	Details
1.6.1	All Consoles should have 4 (Four) AES-3 Digital Line (Stereo) physical Outputs.			
1.6.2	All Consoles should have 4 (Four) stereo /8 (Eight) Mono Analog Stereo Line physical.			
1.6.3	It should be possible to route any of Logical/Bus outputs to any physical Audio output.			

1.7 AUDIO OVER IP (AES 67)

S. No.	Specifications	Compliance	Reasons for Deviations (if any)	Details
1.7.1	Console should support Audio over IP using AES67.			
1.7.2	Console should have two (redundant) Audio Over IP ports.			
1.7.3	Each Audio over IP port should support simultaneous transport of multiple Digital Audio Channels in both directions.			
1.7.4	It should be possible to route any Input or Output (Logical/Bus output) to any other Console (installed in other studio) using Audio Over IP port.			
1.7.5	Various inter Studio outputs like Talkback, Console Outputs etc. shall travel between various Studios (MP Studio, Transmission Room & Control Room) over Audio Over IP.			
1.7.6	It should be possible to inter-connect all studios by running two Ethernet Cables from Audio Over IP ports of each console to Audio over IP switch.			

1.8 MONITORING OUTPUTS, PRE-FADE LISTENING (PFL) & HEADPHONE MONITORS:

S. No.	Specifications	Compliance	Reasons for Deviations (if any)	Details
1.8.1	Two separate Stereo Analogue monitoring outputs of 0 dBu nominal level (with Maximum Level of +10 dBu) should be available for monitoring on external speakers.			
1.8.2	In addition to above Monitoring outputs, an inbuilt or external PFL speaker (Mono) & a Headphone Monitoring output to monitor all input/output channels shall also be provided.			
1.8.3	It should be possible to monitor all inputs& (Logical/Bus) output channels on these monitoring outputs.			
1.8.4	Necessary Level control facility should be available for these outputs.			
1.8.5	PFL, Talkback and one Monitoring Output should get muted on activation (Switching on/fading in) of one set of Microphone inputs (those installed in Same room as the console).			
1.8.6	Second Monitoring output should get muted on activation (Switching on/fading in) of second set of Microphone inputs (those installed in Recording Studio).			
1.8.7	Headphone outputs of Monitoring outputs should not be muted by activation of microphones.			

1.9 TALKBACK:

S. No.	Specifications	Compliance	Reasons for Deviations (if any)	Details
1.9.1	Talk-Back facility with two other consoles installed in other rooms should be possible.			
1.9.2	It should be possible to route Talkback to monitoring output (one providing Monitoring in the Recording Studio)			
1.9.3	One of Announcer (RJ) mike shall be used as Talkback Mike also.			

1.10 METERING:

S. No.	Specifications	Compliance	Reasons for Deviations (if any)	Details
1.10.1	Two Pairs of LCD/LED Level meters should be available to monitor the level on any of the output buses. One Pair of meters should be dedicated for Main Output and other pair should be selectable for other outputs.			
1.10.2	These Meters should show Audio Level (Separately for Left & Right of Stereo Audio Signal) in DBFS Scale.			

1.11 ETHERNET PORT:

S. No.	Specifications	Compliance	Reasons for Deviations (if any)	Details
1.11.1	Console should have Ethernet port for remote control & configuration purpose.			
1.11.2	By using this Ethernet port, console should support virtual & physical GPIO for signaling.			
1.11.3	Necessary software License for Fader start operation using GPIO over Ethernet shall be provided.			

1.12 SIGNALING AND WARNING LIGHTS:

S. No.	**Specifications**	Compliance	Reasons for Deviations (if any)	Details
1.12.1	Console shall use either Physical GPIO ports or GPIO over Ethernet for configuring fader start/Stop operation signals as well as intimation of ON- /Ready Signal to Studio/Control Room.			
1.12.2	Console installed in Control Room should automatically generate ON signal for Console (installed in Recording/Transmission Studio) when audio from that console is being Live Broadcast.			
1.12.3	Consoles should have sufficient GPIO/Relays which should operate on the following conditions.			
i)	When any of Microphones installed in Recording studio is active			
ii)	When any of Microphone installed in Recording Booth (where Console is installed) is active.			

iii)	When ON- signal from Control Room is active.			
iv)	When any of the above three conditions is true.			
	By operation of these GPIO/Relay, it should be possible to glow warning Lamps.			

1.13 POWER SUPPLY:

S. No.	Specifications	Compliance	Reasons for Deviations (if any)	Details
1.13.1	The console shall work on 230V ± 10%, 48-52 Hz single phase A.C. Supply.			
1.13.2	The power supply unit of the console should be protected against overload, short circuit and over-voltage.			
1.13.3	The power supply of console (all the units of console) shall be convection-cooled and shall not incorporate any cooling fan.			

1.14 TONE GENERATOR:

S. No.	Specifications	Compliance	Reasons for Deviations (if any)	Details
1.14.1	A 1 kHz Tone Generator for feeding Tone shall be available in the **Switching console**. In case, same is not available, a separate Tone Generator shall be provided.			

2. AUDIO PERFORMANCE SPECIFICATIONS OF CONSOLES:

S. No.	Specifications	Compliance	Reasons for Deviations (if any)	Details
2.1	**Mono Mike Inputs:**			
2.1.1	Input Impedance : ≥ 1 K ohms balanced.			
2.1.2	Input Level range : Adjustable -60 dBu to -30 dBu (Ref. 0 dBu = 0.775V rms)			
2.1.3	Mic/Line Input Impedance : ≥ 3 K ohms balanced			
2.2	**Stereo Line (Analogue) Inputs:**			
2.2.1	Input Impedance : ≥ 10 K ohms balanced			
2.2.2	Nominal Input Level : +4 dBu			
2.2.3	Input Headroom : 20 dB above nominal input.			
2.3	**Digital Inputs:**			
2.3.1	Level Reference : 0 dBFS digital = + 24 dBu analogue (+ 4 dBu = - 20 dBFS)			
2.3.2	Signal Format : AES-3 (AES/EBU)			
2.3.3	Input Impedance : 110 ohm Balanced			
2.3.4	AES input Compliance :24 bit with Selectable sample rate conversion, 44.1 kHz to 96 kHz input (Sample rate Capable)			
2.3.5	Internal Sampling Rate : 48 kHz			
2.3.6	A/D Conversion : 24 bit or better			
2.4	**Analogue Outputs:**			
2.4.1	Output (Source) Impedance : ≤ 60 ohms balanced			
2.4.2	Output load Impedance : 600 ohm			
2.4.3	Nominal Output Level : + 4dBu			
2.4.4	Maximum Output Level : 24±1 dBu.			

2.5	**Digital Outputs:**			
2.5.1	Level Reference : 0 dBFS digital = + 24 dBu analogue (+ 4 dBu = - 20 dBFS)			
2.5.2	Signal Format : AES-3 (AES/EBU)			
2.5.3	Output Impedance : 110 ohm Balanced			
2.5.4	AES3 Output Compliance : 24 bit			
2.5.5	Output Sampling Rate: 48 kHz			
2.5.6	D/A Conversion : 24 bit			
2.6	**Frequency Response:**			
2.6.1	Mike input of -35 dBu and Console Analogue outputs of +4 dBu/Console Digital Outputs of -20dBFS in the frequency range of 20 Hz to 20 KHz : within ±0.5 dB			
2.6.2	Analogue input of +4dBu/ Digital input of -20dBFS and Console Analogue Outputs of +4 dBu/ Console Digital Outputs of -20dBFS in the frequency range of 20 Hz to 20 KHz : within ±0.5 dB			
2.7	**Total Harmonic Distortion + Noise:**			
2.7.1	Mike input of -60 dBu and Console Analogue Output of +4 dBu at 20 Hz to 20 Khz and measurement with 80 Khz Low Pass filter : < 0.3%			
2.7.2	Line Analogue input of +4 dBu and Console Analog Output of +4 dBu /Digital Output of -20 dBFS at 20 Hz to 20 Khz and measurement with 80 KHz Low Pass filter : < 0.02%			
2.7.3	Digital Input of -20 dBFS and Console Analog Output of +4 dBu in frequency Band of 20 Hz to 20 kHz and measurement with 80 KHz Low Pass filter : < .02%			
2.7.4	Digital Input of -1dBFS and Console Digital Output of -1dBFS in frequency Band of 20 Hz to 20 kHz and measurement			

	with 80 KHz Low Pass filter : < .02%			
2.8	**Equivalent Input Noise and Signal to Noise Ratio:**			
2.8.1	Equivalent input noise for mike Inputwith Mike input level of -60 dBu and Analogue output Level of +4 dBu and measurement band limited to 20 Hz-20 kHz. : < - 124 dBu			
2.8.2	Signal to Noise Ratio for Line Channel with Analogue Line input level of +4 dBu and Analogue output Level of +4 dBu and measurement band limited to 20 Hz-20 kHz : > 80 dB			
2.9	**Stereo Separation & Inter Channel Cross Talk:**			
2.9.1	Stereo Separation (Between L&R of same Output)with Analogue input of Level +23 dBu and Console Analog Output of +23 dBuand the measurement will be taken on 20Hz, 1 KHz and 20 KHz : >60dB	Yes		
2.9.2	Inter-Channel cross-talk with Analogue input Level of +23 dBuand Console Analog Output of +23 dBuand the measurement will be taken on 20Hz, 1 KHz and 20 KHz : > 90 dB	Yes		

Qualification/ Eligibility: The bidder is required to meet the following criteria and submit documentary proof seriatim along with their offer:

C. Qualification / Eligibility criteria for participation in the EoI:

a. The Bidder may be a Company, Partnership Firm or Sole Proprietorship Firm. The bidder should have existence in India for at least last two (2) years at the end of 31st March 2020
b. The Bidder or its Parent company should be the direct OEM of the products / Sub systems/ System Integrator having experience in executing similar projects in India and/ or abroad.
c. The Bidder or its Parent company should have credential for successful completion of at least 3 orders of similar nature in any reputed organisation amounting to Rs.4.00 Crore or more.

d. The Bidder or its parent company should have successfully executed at least single similar projects with project value of minimum Rs 7 Crores each till date.

e. The Bidder Company should be ISO compliant.

f. Annual turnover of the bidder during last 3 years should not be less than INR 7 Crore (in each of the last 3 Financial Years). The bidder should have a positive net worth for the previous 3 financial years from the date of EOI.

D. Selection Methodology:

Bidders will be evaluated on the basis of this technical competence and past experience as per the below mentioned table:

Rating of the vendor (Full Marks 100)

Sl. No	Item	Criteria	Marks	Maximum Marks
1	Technical Compliance	For Full Compliance with supporting documents	50	50
		Deviation 1 with explanation	40	
		Deviation more than 3 with explanation	30	
		Deviation more than 5 without explanation	0	
2	Turn Over	≥ 10 crore	10	10
		<10 crore and ≥7	5	
		7 Crore	3	
3	Statutory documents	All Documents (PAN, GST, Certificate of Incorporation, P & L & Balance for last 3 Financial years	10	10
		Missing of 1 document	5	
		Missing of 2 documents	0	
4	Quantity of product sold during last 2 years	≥ 50	15	15
		≥40	10	
		≥20	5	
		<20	0	
5	Product Certification	CE, ISO/IEC	15	15
		For any of 1 for above	5	
			Total	100

Qualifying Marks for Empanelment: 60

E. General Terms & Conditions

1. EOl should not be treated as a commercial tender document and bidders are advised not to offer any price or include any financial aspect with their responses.

2. This EOl does not constitute and will not be deemed to constitute any commitment or confirmation on part of WEBEL for any purchase/work order to the bidder.

3. Bidders shortlisted on the aforesaid EOI shall be required to sign an MOU with WEBEL on mutually accepted terms and conditions. The maximum validity of such MOU shall be 3 years which may be extended or curtailed at the sole discretion of WEBEL on the basis of performance of individual organization.

4. The bidder shall bear all costs associated with the preparation and submission of its response to this EOl, including cost of Demo/Presentation for the purpose of clarification of the offer, if so desired by WEBEL. WEBEL will in no case be responsible for these costs, regardless of the conduct or outcome of the EOl process.

5. The bidder should have arrangement to finance any value of Projects

6. The bidder should send the following documents in support of eligibility criteria.

    - Copy of Memorandum & Articles of Association.
    - The audited balance sheet of last three years.
    - Solvency Certificate.
    - PAN Registration Certificate.
    - GST Registration Certificate.
    - Trade Licence/ Certificate of Enrolment.

7. Due diligence should be exercised while providing information against the EOl. Unnecessary or irrelevant information will not give any advantage to the bidder. Only relevant and precise information should be provided.

8. Suppression of material fact/misstatement of information, if detected at any stage will lead to cancellation of the bid and forfeiture of EMD.

9. At any time prior to the last date for receipt of offer, WEBEL may for any reason, whether at its own initiatives or in response to a clarification requested by a prospective bidder, modify the EOI document by issuing clarification (s) and or amendment (s). In order to provide prospective bidders reasonable time to take the amendment into account in preparing their offers, WEBEL may, at its sole discretion, extend the last date for receipt of offers and/or make other changes in the requirements set out in the invitation for EOI.

10. While this EOI has been prepared in good faith, neither WEBEL nor its employees make any representation or warranty, express or implied, or accept any responsibility or liability, whatsoever, in respect of any statement or omissions herein, or the accuracy, completeness or reliability or completeness of this EOI, even if any loss or damage is caused by any act or omission on their part.

11. Bid Submission: -

    a) Intending bidders to download the tender documents from the website https://wbtenders.gov.in directly.

    b) In the event of e-filing, intending bidders may download the tender documents from the website https://wbtenders.gov.in directly. Necessary cost of tender documents (tender fees) of Rs. 10,000 (Rupees Ten Thousand Only) has to be remitted through Net banking or through RTGS NEFT through the https://wbtenders.gov.in //portal as per G.O 3975-F(Y) dated 28th July, 2016 issued by Finance department Govt. of West Bengal.

    c) The bidder shall pay an EMD of Rs. 1,00,000 (Rupees One Lakh only) through Net banking or through RTGS NEFT through the https://wbtenders.gov.in //portal as per G.O 3975-F(Y) dated 28th July, 2016 issued by Finance department Govt. of West Bengal.

    d) Digitally signed Technical Bid, to be submitted through the website https://wbtenders.gov.in

    e) Submission of the Bid should be done as per the stated time schedule mentioned in “IMPORTANT DATES & INFORMATIONS” section of the EOI.

Earnest Money of Rs. 1, 00,000/- (Rupees One Lakh only) is to be submitted online. Offers not accompanied by the Earnest Money will be rejected. Earnest Money of the unsuccessful bidders will be refunded within 30 (thirty) days of signing of MoU. The Earnest Money of the successful bidders will be retained till the validity of MoU.

A pre-bid meeting with the intending bidders will be held **online and the joining link is given below** to discuss the issues concerning EOI and the scope of the work. Attendance in the pre- bid meeting is **not a pre-condition** for participation in the tender.

Please click on **"Pre-Bid Meeting"** for attending the meeting online

GENERAL GUIDANCE FOR E-TENDERING

Instructions / guidelines for electronic submission of the tenders have been annexed for assisting the bidders to participate in e-Tendering.

I Registration of Bidder:

Any Bidder willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement System through logging on to https://wbtenders.gov.in . The Bidder is to click on the link for e-Tendering site as given on the web portal.

II Digital Signature Certificate (DSC):

Each Bidder is required to obtain a Class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders from the approved service provider of the National Informatics Centre (NIC) on payment of requisite amount. Details are available at the Website https://wbtenders.gov.in. DSC is given as a USB e-Token. The Bidder can search & download N.I.T. & BOQ (Bill of quantity if required) electronically from computer once he logs on to the website mentioned above using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.

III Submission of Tenders:

Tenders are to be submitted online to the website in two folders at a time for each tender (one is Technical Proposal & the other is Financial Proposal) before the prescribed date & time using the Digital Signature Certificate (DSC). The documents to be uploaded should be virus scanned copy duly Digitally Signed. The documents will get encrypted (transformed into non-readable formats).