

EXPRESSION OF INTEREST

FOR

SELECTION OF BACK END TECHNOLOGY PARTNER FOR PARTICIPATION IN TENDER
FOR
DESIGN, DEVELOPMENT, IMPLEMENTATION & COMMISSIONING OF DIGITAL
STUDIO AT JHARKHAND STATE OPEN UNIVERSITY, RANCHI JHARKHAND

EOI Ref No. BECIL/DIGITAL STUDIO/JSOU/2024

Dated: 18.11.2024

Issued By

Mr. Khuswinder Singh Bhatia (DGM)

	<p>Broadcast Engineering Consultants India Limited (A Government of India Enterprise) CIN No. : U32301UP1995GOI017744</p> <p>Corporate Office: BECIL BHAWAN, C-56-A/17, Sector-62, Noida-201 307Tel: 0120 4177850, Fax: 0120 4177879</p> <p>Head Office: 14-B Ring Road, IP Estate, New Delhi- 110002Tel: 011 23378823, Fax: 01123379885 Web: www.becil.com</p>	
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DISCLAIMER

The information contained in this Request for Proposal document (the “EOI”) or subsequently provided to Bidder(s), whether verbally or in documentary or any other form by or on behalf of BECIL or any of its employees or advisors, is provided to Bidder(s) on the terms and conditions set out in this EOI and such other terms and conditions subject to which such information is provided. This EOI is not an agreement and is neither an offer nor invitation by BECIL to the prospective Bidders or any other person. The purpose of this EOI is to provide interested parties with information that may be useful to them in making their offers (Bids) pursuant to this EOI. This EOI includes statements, which reflect various assumptions and assessments arrived at by BECIL in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This EOI may not be appropriate for all persons, and it is not possible for BECIL, its employees or advisors to consider the investment objectives, financial situation and particular needs of each party who reads or uses this EOI. Each Bidder should, therefore, conduct its own investigations, actual site/ facilities/location inspections and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this EOI and obtain independent advice from appropriate sources. Information provided in this EOI to the Bidder(s) is on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. BECIL accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein. BECIL, its employees and advisors make no representation or warranty and shall have no liability to any person, including any Applicant or Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this EOI or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the EOI and any assessment, assumption, statement or information contained therein or deemed to form part of this EOI or arising in any way for participation in this Bid Stage. BECIL also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this EOI. BECIL may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this EOI. The issue of this EOI does not imply that BECIL is bound to select a Bidder or to appoint the Selected Bidder for the Project and BECIL reserves the right to reject all or any of the Bidders or Bids without assigning any reason whatsoever. The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by BECIL or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and BECIL shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation or submission of the Bid, regardless of the conduct or outcome of the Bidding Process. In case of any rejection/cancellation, no bidder has any right to claim any compensation or reimbursement to cost. Participation in EOI does not guarantee selection of bidder.

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SECTION –I

INTRODUCTION AND BRIEF DESCRIPTION

1. ABOUT BECIL

Broadcast Engineering Consultants India Limited (BECIL), an ISO 9001:2015, 27001:2013, ISO/IEC 2000:2012 certified Mini Ratna Central Public Sector Enterprise (CPSI) was incorporated on 24th March, 1995 under the Companies Act, 2013 (erstwhile the Companies Act, 1956) by Government of India with 100% equity share capital of BECIL held by President of India through Secretary and Joint Secretary of Ministry of Information & Broadcasting.

The Company was initially set up for providing project consultancy services and turnkey solutions encompassing the entire gamut of radio and television broadcast engineering, establishment of transmission facilities, content production facilities, terrestrial, satellite and cable broadcasting in India and abroad. The company has now diversified into the fields of Strategic Projects such as Information Communication.

Technology, Electronic Surveillance (namely CCTV, Access Control, Intrusion, Fire Safety, Hydrants, etc.). Electronic Media contents including films, Sentinel Analytics, Counter Drones/UAV etc. The activities include, but are not limited to Supply, Installation, Testing & Commissioning, Consultancy Services, Technical Audit, Media Analysis, R&D, projects pertaining to Digital India, City Surveillance, Safe City. Smart City, Make in India, Manufacturing, Audio Video & Data Analysis, Cyber Security, Engineering, Procurement & Construction, Project Management Services, Operation and Maintenance, Manpower Placement, AMC and providing total turnkey project for critical information infrastructure.

BECIL, has its Head Office in New Delhi, Corporate Office in Noida and Regional Office in Bangalore and Kolkata. BECIL is exploring geographical expansion in many states due to diversification in business portfolios.

Over the years, BECIL has consciously groomed and developed a team of in-house, versatile and dedicated engineers and also cultivated and harnessed a vast reservoir of professionals drawn from various fields of Broadcasting Industry, which include public and private Broadcasters, Defense and Cable Industry. Through this network of resourceful technical professionals, BECIL, has established its pan India presence to serve the needs of the industry.

BECIL has a vast reservoir of experts and integrates the expertise of All India Radio (AIR) and Doordarshan (DD), the national broadcaster of India, catering to one of the largest Radio Networks reaching out to more than a billion people and the world's largest Terrestrial Television Network supplemented by Analogue and Digital satellite Broadcasting services reaching out to millions of TV homes in India and abroad.

2. INTRODUCTION OF PROJECT/TENDER

JHARKHAND STATE OPEN UNIVERSITY, RANCHI JHARKHAND has published a tender (issued vide Memo No. JSOU/R(DS-01)/2024/321 Dated: 04/10/2024) dated 17/10/2024 having Last date of submission as 23/11/2024 for Selection of Back-end Technology Partner (hereinafter mentioned as 'bidder') for DESIGN, DEVELOPMENT, IMPLEMENTATION & COMMISSIONING OF DIGITAL STUDIO AT JHARKHAND STATE OPEN UNIVERSITY, RANCHI JHARKHAND

3 INTENT AND IMPORTANT ASPECTS OF THE EXPRESSION OF INTEREST (EOI)

The Intent and important aspects of this Expression of Interest is (EOI) are as follows: -

3.1 BECIL is interested to submit a competitive bid/commercials in response to the Client Tender Memo Number: JSOU/R(DS-01)/2024/321 Dated: 17/10/2024 having Last date of submission as dated 23/11/2024 published JHARKHAND STATE OPEN UNIVERSITY, RANCHI JHARKHAND.

3.2 The intent of this EOI is to select a Back end Technology partner of BECIL, for collaborating with BECIL for preparing a bid and participating in the above mentioned tender. A MOU/ Agreement will be signed by BECIL with the Back end Technology partner selected through this EOI, for preparation of the bid and participation in the above mentioned tender.

3.3 In case the bid submitted by BECIL against the said tender, prepared in collaboration with the Back end Technology partner selected through this EOI, is accepted and BECIL receives Work Order / Agreement from / with the Client, BECIL will issue a Work Order/or sign Inter-se Agreement with the selected agency. In such a scenario, the following conditions will be applicable, which are to be fully taken into consideration by the bidders, prior submitting a response to this EOI:-

3.3.1 The Back end Technology partner selected through this EOI, will have to sign a Inter-se Agreement with BECIL, for undertaking the work as per the above mentioned Client's tender.

3.3.2 All terms and conditions of the Client's tender, and any subsequent amendments/ corrigenda thereof, will be applicable fully on back to back basis on the Back end technology partner selected through this EOI, including all important terms and conditions like EMD, PBG, Payment Terms, SLA conditions, Liquidity Damages, and any other penalties etc.

3.4 In case the bid submitted by BECIL against the said tender, prepared in collaboration with the selected through this EOI, is accepted and work order issued by client shall be applicable on BECIL and the selected agency in accordance with the consortium agreement signed between BECIL & selected agency. The selected agency shall be jointly and severely responsible for execution of the contract.

3.5 **EMD/ Bid Security:** The selected bidder is required to submit EMD in the form of Bank Guarantee/ Insurance Surety Bond/ FDR amounting to Rs 4 Lakh. In case the EMD is submitted in

the form of FDR, it should be in the name of BECIL and it should be discharged by the bidder. The EMD will be accepted after the final selection of the bidder and it will be based on the no of packages for which the bid is submitted by BECIL.

3.6 Performance Bank Guarantee (PBG): In case the JSOU tender is awarded to BECIL, the PBG as applicable shall be payable by the selected bidder on back to back basis as per the terms and conditions of Client's Tender. The bidder must submit an undertaking in the bid stating that "the lead bidder will provide the PBG in accordance with the timeline and the terms and conditions outlined in the client's tender.

3.7 All payments in the Project to the selected agency, shall be on back-to-back basis only subject to receipt of corresponding payment from the client. An advance payment may be made to the selected agency, only if BECIL, receives an advance from the customer, provided the selected agency submits a bank guarantee (BG) of the equivalent amount to BECIL in addition to the PBG.

3.8 The selected bidder, who has partnered with BECIL for a particular tender/ project shall not partner with any other bidder for the same tender/ project.

3.9 Any Liquidated damages and penalties imposed by the end client in the project shall be imposed on back to back basis to the selected agency.

3.10 In case the selected agency is not able to perform, the work under reference, BECIL will be at its liberty to get the job done through any third party at risk & cost of the selected agency (successful bidder). PBG in this case may be forfeited by BECIL.

3.11 The decision to engage the successful bidder as Back End Technology Partner shall be taken by the Competent Authority of BECIL and accordingly the respective agreement shall be signed.

3.12 Bidders are advised to go through the Scope of Work and terms & condition of the Client Tender Memo Number: JSOU/R(DS-01/2024/321 Dated: 17/10/2024 having Last date of submission as dated 23/11/2024 published JHARKHAND STATE OPEN UNIVERSITY, RANCHI JHARKHAND to understand the requirement and challenges associated with locations prior to submitting their bids.

SECTION –II



4.1. IMPORTANT DATES (SCHEDULE AND CRITICAL DATES)

S. N	ACTIVITY	SCHEDULED DATE & TIME
1.	EOI Number	BECIL/DIGITAL STUDIO /JSOU/2024
2.	Date of Issue of EOI	18.11.2024 @ 4:00 PM
3.	Last date and Time for Submission of bids	25.11.2024 @ 4:00 PM
4	Availability of Document	https://www.becil.com https://becil.ewizard.in
5	E-tender Portal Fee (Non-refundable)	INR 3,540/- E-tender Portal Fee (non-transferrable & non-refundable) payable through online e-Portal
6	Bidder Enrolment Fee (Non-refundable)	INR 2360/- Bidder Enrolment Registration fee (non-transferrable & non-refundable) payable through online e-Portal
7.	EOI document Fee (Form Fee) (Non- Refundable)	INR 17,700/- (incl GST) Form Fees (non-transferrable & non-refundable) payable through online e-Portal
8.	EMD	As per Client Tender Memo Number: JSOU/R(DS-01/2024/321 Dated: 17/10/2024. Earnest Money Deposit (EMD) / Bid Security of Rs. 4 lakh. Bidders need to submit undertaking for back to back payment of EMD if selected for EOI underreference.
9	Address for Communication of bids	BECIL Bhawan, C-56 / A -17, Sector - 62, Noida – 201 307.
10	Contact details for this EOI	Name: Shri. Khuswinder Singh Bhatia Designation: Deputy General Manager Email: khuswindersingh@becil.com Mobile: 8130190439

- NOTE: Broadcast Engineering Consultants India Ltd. reserves the right to amend the EOI tentative schedule and critical dates without giving any explanation whatsoever. Corrigendum may be published in this regard on www.becil.com & <https://becil.ewizard.in>. Bidders are advised to check the website for updates in this regard.
- Bidders to Note that opening/evaluation of the responses will be subject to accord of extension of submission by BSNL.

4.2. INSTRUCTIONS FOR E-TENDERING PORTAL OF BECIL

4.2.1 E-TENDER PORTAL FEE

The bidder has to pay a non-refundable **e-tender portal fee amounting to ₹ 3540/-** (Non-refundable) by way of on-line payment on e-tender portal before submission of the proposal.

4.2.2 SUBMISSION OF THE PROPOSAL

The bidders are advised to study the EOI document carefully. Submission of proposals shall be deemed to have been done after careful study and examination of the EOI document with full understanding of its implications. Bidders shall have to submit their proposal (Technical and Financial) online through the e-tendering website <https://becil.ewizard.in>

4.2.3 E-TENDERING PROCEDURE

(i) E-Procurement is the complete process of e-tendering from publishing of tenders online, inviting online bids, evaluation and award of contract using the system. You may keep a watch of the tenders floated under <https://becil.ewizard.in>. These will be invited for online Bids. Bidder Enrolment can be done using "Bidder Enrolment".

(ii) The instructions given below are meant to assist the bidders in registering on the e-tender Portal, and submitting their bid online on <https://becil.ewizard.in> the e-tendering portal as per uploaded bid.

(iii) More information useful for submitting online bids on may be obtained at: <https://becil.ewizard.in>

4.2.4 GUIDELINES FOR REGISTRATION ON PORTAL

(i) Bidders are required to enroll on the e-Procurement Portal by clicking on the link "Online Bidder Enrolment" on the e-tender Portal by paying the **Registration fee of Rs. 2360/- (inclusive of taxes)**.

(ii) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

(iii) 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 with the bidders.

(iv) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Only Class III Certificates with signing + encryption key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile. Or bidders can contact our help desk for getting the DSC.

(v) Only 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.

(vi) Bidder then logs in to the site through the secured log-in by entering their user ID /password and the password of the DSC /e-Token.

(vii) The scanned copies of all original documents should be uploaded in pdf format on portal <https://becil.ewizard.in>

(viii) After completion of registration payment, bidders need to send their acknowledgement copy on our **help desk mail ID: helpdesk@ewizard.com** for activation of your account.

Helpdesk Number : Tel 011-49606060 , 9355030616, 9560364871

4.2.5 SEARCHING FOR TENDER DOCUMENTS ON PORTAL

(i) There are various search options built in the e-tender Portal, to facilitate bidders to search active tenders by several parameters.

(ii) Once the bidders have selected the tenders they are interested in, you can pay the form fee and processing fee (NOT REFUNDABLE) by net-banking / Debit / Credit card then you may download the required documents / tender schedules, Bid documents etc. Once you pay both fee tenders will be moved to the respective 'requested' Tab. This would enable the e-tender Portal to intimate the bidders through e-mail in case there is any corrigendum issued to the tender document.

4.2.6 PREPARATION OF BIDS ON PORTAL

(i) Bidders should take into account any corrigendum published on the tender document before submitting their bids.

(ii) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.

(iii) Bidders, 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 formats. Bid Original documents may be scanned with 100 dpi with Color option which helps in reducing size of the scanned document.

(iv) 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, GST, Annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Documents" available to them to upload such documents.

(v) These documents may be directly submitted from the "My Documents" 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.

4.2.7 SUBMISSION OF BIDS ON PORTAL

- (i) Bidder should log into the website well in advance for the submission of the bid so that it gets uploaded well in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- (ii) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document as a token of acceptance of the terms and conditions laid down by BECIL.
- (iii) Bidder has to select the payment option as “e-payment” to pay the tender fee / EMD as applicable and enter details of the instrument.
- (iv) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the white colored (unprotected) cells 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.
- (v) 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.
- (vi) The uploaded tender documents become readable only after the tender opening by the authorized bid openers. Upon the successful and timely submission of bid click “Complete” (i.e. after Clicking “Submit” in the portal), the portal will give a successful Tender submission acknowledgement & a bid summary will be displayed with the unique id and date & time of submission of the bid with all other relevant details. The tender summary has to be printed and kept as an acknowledgement of the submission of the tender. This acknowledgement may be used as an entry pass for any bid opening meetings.

4.2.8 OFFLINE SUBMISSIONS

- (i) Originals of all the documents submitted in online mode are required to be submitted at BECIL Bhawan, C-56/A-17, Sector 62 Noida (U.P), INIDA- 201307 on or before bid submission end date, in a sealed envelope.
- (ii) The envelope shall bear the EOI number, name of work and the phrase: “Do Not Open Before (due date & time of opening of tender).”

4.2.9 CLARIFICATION

For any clarification related to using the portal, you may visit the below link:

<https://becil.ewizard.in>

(i) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

(ii) Any queries relating to the process of online bid submission or queries relating to e-tender Portal in general may be directed to the Helpdesk Support.

(iii) Please feel free to contact ewizard helpdesk (as given below) for any query related to

E-tendering Phone No. 011-49606060

Mail id: - helpdesk@ewizard.com

SECTION –III

EOI NOTICE & GENERAL TERMS AND CONDITION

5 EOI NOTICE

5.1 Broadcast Engineering Consultants India Limited (BECIL) invites Expression of Interest (EOI), through online mode, for selection of a Back end Technology partner of BECIL, for collaborating with BECIL for preparing a bid and participating in the Tender Memo Number: JSOU/R(DS-01/2024/321 Dated: 17/10/2024 published by JHARKHAND STATE OPEN UNIVERSITY, RANCHI JHARKHAND

5.2 The duly signed Hard Copy of the Bid/ Techno Commercial Proposal is to be submitted in a packed and sealed envelope, in Tender Box, BECIL BHAWAN C56/A17 Sector 62 Noida (UP) 201307.

5.3 The EOI must be addressed to the given name and address:

Sh. Khuswinder Singh Bhatia
Deputy General Manager
Broadcast Engineering Consultants India Limited
C-56/A-17, Sector-62, Noida, Uttar Pradesh-201307

5.4 The EOI must be submitted in English Only. All the documents including the supporting documents/enclosures etc. must be Calibri/Aerial/Times New Roman, font size-12 and fully legible. Supporting documents if in a language other than English must be accompanied by a English translated document. The English version shall prevail in matters of interpretation. Each and every page of the EOI should be numbered and mention the relevant page no. of the documents in the checklist. EOI Documents which are not legible shall be rejected.

5.5 The representative of agency will require a specific authorization/ board resolution to submit the EOI.

5.6 In case the bidder has any doubt about the meaning of anything contained in the EOI document/pre-bid queries, they shall seek clarification within 2 days of issue of EOI. Except for any written clarification by Shri Khuswinder Singh Bhatia, DGM, BECIL, no written or oral communication, presentation or explanation by any other employee of BECIL shall be taken to bind or fetter BECIL under the contract. In case of such clarification or otherwise, the extension in the bid submission date of the EOI shall be entirely on the discretion of BECIL taking into the consideration of end client's tender submission due date.

5.7 The Management of BECIL reserves the right to amend or withdraw any of the terms and conditions mentioned in the EOI Document or reject any or all the bids without giving any notice or assigning any reason. The decision of the CMD, BECIL in this regard shall be final and binding on all.

5.8 BECIL reserve the right to amend any term of the EOI at any point of time before the submission and bidder should regularly check the website. Further, BECIL also reserves to increase/decrease/delete/add any BOQ item. Further any amendment done by client after the selection of bidder, all the amendment will be applicable. In case of non-acceptance of such

amendment, the EMD submitted will be forfeited by BECIL and blacklisting of agency may be done for a minimum period of 3 years from participating in BECIL EOI/tenders

5.9 The bidder should submit the signed Integrity Pact on a plain paper along with the bid.

5.10 The Bidders will have no right to withdraw from the EOI process post submission of their bid without the formal consent of BECIL. However, if the selection of the bidder is not finalized before the due date of submission of the end client's tender, the EOI will stand cancelled.

5.9 Even after participation in the EOI by any bidder will be on "NO COST NO COMMITMENT" basis. The Bidder shall bear all cost associated with the preparation and submission of the Bid including but not limited to Documentation Charges, Bank charges, all courier charges, translation charges, authentication charges and any associated charges including taxes & duties thereon. Further, BECIL will in no case be responsible or liable for these costs, regardless of the outcome of the bidding process.

5.10 Despite the selection process of Backend partner through this EOI, the final participation in the BSNL tender will be at the sole decision of BECIL. BECIL is not bound to participate in the BSNL tender and the selected bidder shall have no right in this regard.

6 SUBMISSION OF EOI

6.1 EOI, complete in all respects, must be submitted online on the <https://becil.ewizard.in>.

6.2 BECIL may, at its own discretion, extend the date for submission of EOI. In such a case all rights and obligations of BECIL and the Bidders shall be applicable to the extended time frame.

6.3 As the EOI can be submitted only up to the defined date and time, there can't be any late bids.

6.4 At any time prior to the last date for receipt of EOI, BECIL may for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the EOI Document by an amendment. The amendment will be notified on BECIL's website <http://www.becil.com> & <https://becil.ewizard.in> and should be taken into consideration by the prospective bidders while preparing their EOI.

6.5 The bidders will bear all costs associated with the preparation and submission of their bids. BECIL will, in no case, be responsible or liable for those costs, regardless of the conduct or outcome of the tendering process.

6.6 The bidder shall ensure that it fulfills the eligibility criteria as desired in the EOI and other essential conditions. Compliance statement of Eligibility criteria with the documents submitted as a proof is to be prepared and submitted. The supporting documents may be with list of existing and past clients with details of services offered, details of similar projects executed.

6.7 The EOI should be duly signed on each page by authorized person. Documents authorizing the signatory /Power of Attorney must accompany the bid.

6.8 The EOI complete in all respects must be submitted with requisite information and annexure(s). The EOI should be free from ambiguity, change or interlineations. Incomplete EOI will not be considered and is liable to be rejected without making any further reference to agency/bidder.

6.9 Bidders have to take into account any changes/amendments made in the end client's tender/ EOI through corrigendum till date of submission of bid in response of EOI.

6.10	Checklist of documents/information to be submitted	
	(a)	Company/bidder Particulars as per format.
	(b)	Certificate of Incorporation (for Company/LLP)
	(c)	Memorandum & Articles of Association/Partnership deed
	(d)	Audited financial statements for the last 3 years i.e. FY 2021-22; 22-23; 23-24.
	(e)	Income Tax Return Acknowledgment for last 5 years i.e. AY 2019-20, 2020-21, 2021-22; 2022-23; 2023-24.
	(f)	Undertaking to provide the PBG in accordance with the timeline and the terms and conditions outlined in the client's tender
	(g)	GST Registration Certificate
	(h)	Copy of PAN Card
	(i)	Copy of Firms Registration/Incorporation Certificate/UDYAM
	(j)	Copy of Trade license
	(k)	Copy of ISO Certificates of bidder
	(l)	Declaration of non-blacklisting by OEM and Bidder
	(m)	OEM turnover certificate
	(n)	Any other relevant registration documents on registration with other appropriate authorities (ESIC, EPFO, Labour deptt etc.)
	(o)	Authorization letter in the bidder's letterhead authorizing the person signing the bid for this EOI.
	(p)	Undertaking in letter head to indemnify BECIL from any claims / penalties / statutory charges, liquidated damages, with legal expenses etc.
	(q)	Undertaking in compliance to Office Memorandum No. F. No. 6/18/2019-PPD, Dated 23-07-2020, Department of Expenditure, Ministry of Finance as per Clause 8.9.
	(r)	All the requisite documents in the prescribed formats placed at Annexures to this Eoi
	(s)	Pre-Contract Integrity Pact as per Annexure-A (a) "Bidders participating in the EOI have to agree to sign Integrity Pact on placement of order / contract" in accordance with clause 5.7. (b) " The Bid received without the integrity pact will not be considered for further evaluation"
	(t)	All the documents in support of Technical criteria like Experience Certificates, PO, proposed Makes for the solution, Solution architecture (if asked) and other documents as required.
	(u)	Declaration regarding acceptance of Terms and conditions of EOI.
	(v)	Additional term and condition <ul style="list-style-type: none"> • Prasar Bharti Certification • Green Guard Certification • GRIHA V 2019 & 2015 Certification

7 **OPENING OF EOI**

7.1 The bids submitted against this EOI shall be opened on 25.11.2024 @ 04:30 PM. BECIL reserves the right to change the date of opening of bid.

7.2 Bidders who wish to attend opening of EOI may visit BECIL for the same at the designated time, with authorization in proper format on bidder's letter head.

8 **GENERAL TERMS & CONDITIONS OF EOI**

8.1 All bids are to remain valid for minimum of 120 days from the date of submission. BECIL reserve the right to seek the extension of bid validity.

8.2 BECIL reserves the right to solicit additional information from bidder to evaluate which bid best meets the need of the Project. Additional information may include, but is not limited to, past performance records, lists of available items of works which will be done simultaneously with the project, on-site visit and evaluations by BECIL personnel, or any other pertinent information. It will be bidder's responsibility to check for updated information on website <https://www.becil.com> & <https://becil.ewizard.in>. BECIL reserves the right to cross verify the information directly with client

8.3 BECIL reserves the right to waive off any deviations, accept the whole or part thereof or reject any or all bids and to select the bidder which, in the opinion of BECIL, best meets the project's interest. BECIL also reserves the right to negotiate with potential bidder so that its best interest to fulfill the need of project is served.

8.4 BECIL reserves the right to reject any and all proposals, to negotiate all terms of any agreement resulting from this EOI, and to request additional information from bidder.

8.5 All information contained in this EOI, or provided in subsequent discussions or disclosures, is proprietary and confidential. No information may be shared with any other organization, including potential sub-contractor, without prior written consent of BECIL.

8.6 In case the agency selected through EOI goes into liquidation or undergoes a change in business/ management, it will be intimated to BECIL & the selected agency will fulfill its commitment in case order is awarded to them. In case the selected agency is not able to perform, the work under reference will be done at risk & cost of the selected agency (successful bidder). EMD or PBG as the case may be forfeited by BECIL.

8.7 Any dispute or difference or claim arising out of or in relation to this EOI, including the construction, validity, performance or breach thereof, shall be settled or decided by CMD/Director, BECIL or by any other person to be nominated by CMD/Director.

8.8 Intellectual Property Rights:

8.8.1 All deliverable, outputs, plans, drawings, specifications, designs, reports and other documents and software submitted by the bidders under this EOI and subsequent to this EOI in relation with this tender shall become and remain the property of BECIL/procuring entity and

subject to laws of copyright and must not be shared with third parties or reproduced, whether in whole or part, without BECIL's/ the procuring entity's prior written consent.

8.8.2 The bidder shall, not later than upon termination or expiration of this EOI and/or subsequent Agreement/Contract signed with the bidder, deliver all such documents and software to BECIL/the procuring entity, together with a detailed inventory thereof.

8.8.3 The bidder may retain a copy of such documents and software but shall not use it for any commercial purpose.

8.9 The bidder shall submit an undertaking on their letter-head stating that:

"In reference to the Government of India, Ministry of Finance, Department of Expenditure, Office Memorandum No. F.No. 6/18/2019-PPD, Dated 23-07-2020. I hereby submit that:

"We have read the Clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; We certify that we are not from such a country *or our beneficial owner is not from such a country or we will not sub-contract any work to a contractor from such countries*, if from such a country, have been registered with the Competent Authority.

We hereby certify that we fulfill all requirements in this regard and are eligible to be considered. [Where applicable, evidence of valid registration by the Competent Authority shall be attached.]".

8.10 The bidder whose Purchase Order(s) for any Project of BECIL was/were cancelled on risk & cost basis for non-performance or non- submission of performance guarantee in last 2 years, are not eligible to participate in this EOI.

9 SIGNING OF NON-DISCLOSURE AGREEMENT

Bidders interested to participate in this EOI, where client requires signing of NDA, then bidder also have to sign a NON-DISCLOSURE AGREEMENT with BECIL on a non-judicial stamp-paper of Rs. 100, and the required EOI document fee has to be deposited to BECIL. Participation without compliance to above shall be invalid and such bids will not be considered by BECIL.

SECTION –IV SCOPE OF WORKS

10 SCOPE OF WORK/SCHEDULE OF REQUIREMENTS

10.1 For detailed scope of work of the project & the Bill of Material, the bidders may refer the Client's Tender document, and it's amendments & corrigenda issued subsequently (if any); **Tender details references are as below and the same is also attached along with this EOI.** *(Bidders are instructed to check for any new corrigendum/amendments etc. before bidding)*

**Client Tender Memo Number: JSOU/R(DS-01/2024/321 Dated: 17/10/2024 published
JHARKHAND STATE OPEN UNIVERSITY, RANCHI JHARKHAND.**

SECTION –V

ELILIGIBILITY CRITERIA AND EVALUATION

11 PREQUALIFICATION CRITERIA OF BIDDERS

1.	<p><u>Company/Bidder's Profile:</u></p> <p>(a) The Bidder shall be Company/ bidder incorporated /registered in India under Companies Act 1956/2013 or Limited Liability Partnership Act, 2008 or as amended; with at least 3 years of operations in India as on Bid submission Date. - <i>Certification of registration to be submitted.</i></p> <p>(b) The bidder should have a valid PAN and GST Registration. - <i>Copy of PAN card and GST registration certificate should be submitted in the bid.</i></p> <p>(c) The bidder should not be insolvent, in receivership, bankrupt or being wound up, not have had their business activities suspended and not be the subject of legal proceedings for any of the foregoing. - <i>A Certificate by the CA should be submitted in the bid.</i></p> <p>(d) The Bidder should not be blacklisted/ debarred/ banned/ restricted by any Union Govt./State Govt. / PSU as on date of submission of the Bid. - <i>"No-Conviction Certificate" duly signed by authorized signatory signing the bid, should be submitted in the bid.</i></p> <p>(e) The Bidder should have valid ISO 9001:2015 and ISO/IEC 20000-1:2018. - <i>Copy of valid certificate should be submitted in the bid.</i></p>
2.	<p><u>Financial Eligibility:</u></p> <p>(a) The bidder must have minimum average annual turnover (of last three audited years) of bidder during the immediate three preceding financial years ending on 31st March 2024 should be Rs. 200 Lakhs.</p> <p>(b) The bidder should have positive net worth as per the audited financial results for the last Financial Years ending 31 March 2024.</p> <p>(c) Bidder to provide copy of income Tax return of last 5 financial years.</p>
3.	<p><u>Technical Eligibility:</u></p> <p>(a) The tenderers should have fulfilled minimum Five years' experience as on 01- 06- 2024 in Central Govt/State Govt./PSU's/Autonomous/Reputed Private Organizations of Works of similar nature. Similar nature means works related to IT works or Supply of Camera/Smart Panels etc.</p> <p>(b) The tenderer should have fulfilled the following works.</p> <ul style="list-style-type: none"> • The tenderers should have successfully completed five similar works of value approximately 30 Lakhs each per year. • The bidder should have three (03) work orders in the IT/ hardware field with a cumulative minimum Work value of 40 Lakhs.

Note: - If the bidder is a startup and/or MSE, it shall be exempted from the eligibility (turnover or experience etc.) criteria as per the guidelines issued by Government of India.

12. PRELIMINARY EVALUATION

12.1 BECIL shall evaluate the proposals to determine that they are complete, technically complying, no computational errors have been made, required documents as mentioned in the EOI have been furnished, the documents have been properly signed and the response is generally in order.

12.2 BECIL may waive off any minor infirmity or non-conformity or irregularity in the proposal which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any bidder.

12.3 In case only one bid is received or during the Technical Evaluation only one bidder qualifies for the next stage of the evaluation process, BECIL reserves the right to accept/ reject the bid.

12.4 In case two bids are received from the same bidder, both the bids will be rejected.

13. EVALUATION PROCESS

13.1 No enquiry shall be made by the bidder/OEM/Implementation Agency (s) during the course of evaluation of the EOI, after opening of bid, till final decision is conveyed to the successful bidder/OEM/Implementation Agency(s). However, the Evaluation Committee/its authorized representative and office of BECIL can make any enquiry/ seek clarification from the bidder/ OEM/ Implementation Agency(s), which the bidder/OEM/ Implementation Agency s must furnish within the stipulated time else the bids of such defaulting bidder/OEM/Implementation Agency(s) will be rejected. The proposal will be evaluated on the basis of its content, not its length.

13.2 The bidder/OEM/Implementation Agency s' proposals will be evaluated as per the requirements specified in the EOI and adopting the evaluation criteria spelt out in subsequent paras of this EOI document. The bidder/OEM/Implementation Agency are required to submit all required documentation as per evaluation criteria specified in EOI.

13.3 Upon verification, evaluation/ assessment, if in case any information furnished by the bidder/OEM/Implementation Agency is found to be Incomplete/Incorrect, their bid will be summarily rejected and no correspondence on the same shall be entertained. Submission of false/forged documents will lead to forfeiture of security deposit/EMD and blacklisting of agency for a minimum period of 3 years from participating in BECIL tenders.

13.4 BECIL will review the proposal to determine whether the proposals are as per the requirements laid down. Proposals that are not in accordance with these requirements are liable to be disqualified at BECIL's discretion.

13.5 Evaluation of proposals shall be based on:

13.6 Information contained in the proposal, the documents submitted there to and clarifications provided, if any.

- 13.7 Experience and Assessment of the capability of the bidder/ OEM/Implementation Agency based on past record.
- 13.8 BECIL reserves the right to seek any clarifications on the already submitted bid documents; however, no fresh documents shall be accepted in support of proposals.
- 13.9 Conditional proposals shall NOT be accepted on any ground and shall be rejected straightway. If any clarification is required by the bidders, the same should be obtained before submission of the proposals.
- 13.10 Even though bidder/OEM/Implementation Agency satisfy the necessary requirements they are subject to disqualification if they have:
- 13.11 Made untrue or false representation in the form, statements required in the EOI document.
- 13.12 Records of poor performance such as abandoning work, not properly completing contract, financial failures or delayed completion.
- 13.13 The Financial Evaluation of the Bidders will be done only for those who qualify the Eligibility Criteria and other mentioned criteria of the EOI.

14. FINANCIAL EVALUATION OF THE BIDS.

The Bids will be financially evaluated as under:

Financial Bid Evaluation		
		<p>Price and Margin Bid Format:</p> <p>A - Submit Lump sum Prices for supply and service items as per Schedule of Requirements (SOR) and Scope of Work (SOW) in INR (without Taxes)</p> <p>B - Quote margin to BECIL as a percentage of A [Minimum - 5%]</p> <p>C - Absolute value of Margin = A*B</p> <p>D - Overall Quoted price = A-C</p>

- During evaluation, bidders with least “**D**” will be considered as **L1** and shall be declared the successful Bidder.
- The bid having higher value of “**B**” will be selected in case of two or more bidders have similar value of **D**.
- In case of a tie, the bidder who will be ready to offer higher value of “**B**” will be selected. In case the stalemate/ tie persists, Competent Committee of BECIL shall adopt draw of lots, or any other suitable method to break the tie, without giving any reasons/ justifications.
- The decision of Competent Committee of BECIL shall be final in this regard, and shall be abided by all bidders.
- If the bidder is selected, during the final tender submission, the price to be quoted to the Client shall not be more than price “**A**” and the margin offered to BECIL shall not be less than “**B**”.

SECTION –VI

ENCLOUSERS AND ANNEXURES



Annexure-A

PRE-CONTRACT INTEGRITY PACT

Between

Broadcast Engineering Consultants India Limited (BECIL) hereinafter referred to as "Principal")

And

..... hereinafter referred to as **"The Bidder/Contractors"**

Preamble:

The Principal intends to award, under laid down organizational procedures, contracts **for.....** The Principal values full compliance with all relevant laws of the land, rule, regulations, economic use of resources and of fairness / transparency in its relations with its Bidder(S) and / Contractor(s).

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 – Commitments of the Principal

1.1. The Principal commits itself to take all measures necessary to prevent Corruption and to observe the following principles: -

- a) No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or Immaterial benefit which he/she is not legally be entitled to.
- b) The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
- c) The Principal will exclude all known prejudiced persons from the process.

1.2. If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Office and in addition can initiate disciplinary actions.

Section 2 – Commitments of the Bidder(s)/ Contractor(s)

2.1. The bidder(s) Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

- a) The Bidder(s) Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract/ or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
- b) The Bidder(s) Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
- c) The Bidder(s) Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s) Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- d) The Bidder(s) Contractor(s) of foreign origin shall disclose the name and address of the Agents/ representatives in India, if any. Similarly, the Bidder(s) Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" Shall be disclosed by the Bidder(s) / Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/ representative have to be in Indian Rupees only.
- e) The Bidder(s) Contractor(s) will, when presenting himself, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract/Agreement.

2.2. The Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 – Disqualification from tender process and exclusion from future contracts

If the Bidder(s) Contractor(s), before award or during execution has committed a transgression through a violation of Section 2, above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s) Contractor(s) from the tender process or take action as per the defined procedure.

Section 4 – Compensation for Damages

4.1. If the Principal has disqualified the contractor from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages Equivalent to Earnest Money Deposit / Bid Security.

4.2. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the contract value or the amount equivalent to Performance Bank Guarantee.

Section 5 – Previous transgression

5.1. The Bidder(s) contractor declares that no previous transgression occurred in the last 3 years with any other Company in any country conforming to the Anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

5.2. If the contractor makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in “Guidelines on Banking of business dealings”.

Section 6 – Equal treatment of all Bidders/Contractors/Subcontractors

6.1. The Bidder(s) Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact and to submit it to the Principal before contract signing.

6.2. The Principal will enter into agreement with identical conditions as this one with all Bidders, Contractors and Subcontractors.

6.3. The Principal will disqualify from the tender process all bidder who do not sign this Pact or violate its provisions.

Section 7 – Criminal charges against violating Bidder(s)/ Contractor(s)/Subcontractor(s)

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor, which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same Chief Vigilance Office.

Section 8 – External Independent Monitor/Monitors

8.1. Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

8.2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD of M/s Broadcast Engineering Consultants India Limited (BECIL).

8.3. The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/Contractor(s)/Subcontractor(s) with confidentiality.

8.4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

8.5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit nonbinding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

8.6. The Monitor will submit a written report to the Chairperson of the Board of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the 'Principal' and, should the occasion arise, submit proposals for correcting problematic situations.

8.7. If the Monitor has reported to the CMD of the BECIL, a substantiated suspicion of an offence under relevant APC/PC Act, and the Chairman BECIL has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Chief Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8.8. The word 'Monitor' would include both singular and plural.

Section 9 – Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 20 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded. If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/ determined by CMD, M/s. Broadcast Engineering Consultants India Limited.

Section 10 – Other provisions

10.1. This agreement is subject to Indian Law. Place of performance and jurisdiction is the head office of the Principal, i.e., New Delhi.

10.2. Changes and supplements as well as termination notices need to be made in writing. Side agreement have not been made.

10.3. If the Contractor is a partnership or a consortium, this agreement must be, signed by all partners or consortium members.

10.4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

FOR AND ON BEHALF OF CONTRACTOR

FOR AND ON BEHALF OF PRINCIPAL

यूनियन बैंक ऑफ इंडिया  Union Bank of India

भारत सरकार का उपक्रम A Government of India Undertaking



(A Govt. of India Undertaking)

MID CORPORATE BRANCH, DELHI SOUTH

D -26-28, Connaught Place, NEW DELHI -110001

Tel: +91-9137849790; Fax: 01-11 23414330 ; Swift: UBININBBNDL

Email: ubin0549797@unionbankofindia.bank

Ref.: MCB:ADV:ATL:2022-23:

Date: 18.01.2023

TO WHOMSOEVER IT MAY CONCERN

A	Name of the Beneficiary	BROADCAST ENGINEERING CONSULTANTS INDIA LIMITED
i	Address with Pin Code	BECIL Bhawan, C-56/A17, Sector -62, Noida - 201307 (U.P)
ii	Permanent Account Number (PAN)	AAACB2575L
iii	(a) Telephone No.	0120-4177861
	(b) Fax Number	0120-4177879
	(c) Contact Person	Sh. Awadhesh Pandit General Manager - (Finance and Accounts)
	(d) E-mail Address	panditmd@becil.com
	(e) Mobile No.	+91-8130918866
B	Bank Particulars	
i	Bank Name	UNION BANK OF INDIA
ii	Bank Contact No	+91-9137849790
iii	Branch Address with Pin Code	26/28, 1 st Floor, D Block, Connaught Place, New Delhi, 110001.
iv	BSR Code	549797
v	MICR	110026046
vi	SWIFT CODE	UBININBBNDL
Vii	11 Character IFSC Code of the Bank (Either enclosed a cancelled Cheque or obtain Bank Certificate as appended)	UBIN0549797
VIII	Bank Account Number as appearing on the Cheque Book	565101000065461
ix	Bank Account Type	Overdraft
X	If other, Specify	--

*This certificate is issued on the specific request of our customer without any risk and responsibility on the part of the bank or any of its employees.

Bank Stamp with Authorized Signatory

Date 20-01-2023

Particulars of The Bidder

1.	Name of company/bidder	
2.	Office Address /Telephone No / Fax No / email id / website	
3.	Year of establishment	
4.	Status of the Company/bidder	
5.	Name of Directors	i) ii)
6.	Names of principle person concerned with this work with title and Telephone No / Fax/ Email Id, Etc.	
7.	Whether registered with the registrar of companies /registrar of firms. If so, mention number and date.	i) ii) iii)
8.	In case of change of Name of the Firm, former Name / Names and year/ years of establishment:	
9.	GST registration certificate	
10.	Whether an assessed of income tax. If so, mention permanent account number.	
11.	State Annual turnover of the company/bidder Furnish copies of audited balance sheet and profit & loss account (audited) for the last three years.	
12.	Particulars and place of similar type of works done in a single order and tender amount. (Furnish details in a separate sheet and enclose copy of the employers certificate)	
13.	Specify the maximum value of single work executed in the past three years.	
14.	Status and details of disputes/ litigation/ arbitration, if any.	
15.	Certificate of financial capability / credit facility issued by the bank.	

Signature of Authorized Signatory

Place: _____

Date: _____

Address: _____

Mobile: _____

Email ID: _____

Annual Turnover & Net worth

(To be printed on implementing agency's letterhead and signed by Authorized signatory.)

To

The General Manager

Broadcast Engineering Consultants India Limited

BECIL Bhawan, C-56, A/17, Sector-62, Noida-201307

Full Name of Bidder (Supplier) entity:

Full Address of Bidder (Supplier) entity:

S. No.	Financial Year	Turnover of Bidder	Net worth	Remarks
1	2021-22			
2	2022-23			
3	2023-24			
	Average			

*Enclose Audited Financial statement for above mentioned period along with audit report.

Note: The required certificate from CA with UDIN No. is enclosed along with this form. Certificate without UDIN No. will be rejected.

Signature of Authorized Signatory

Place: _____

Date: _____

Address: _____

Mobile: _____

Email ID: _____

Performa of letter of Undertaking for Bid Validity

To
General Manager
Broadcast Engineering Consultants India Limited
BECIL Bhawan, C-56, A/17, Sector-62, Noida-201307

Reference: EOI No. <<>> dated << 202X>>

I/We hereby submit our Bid and undertake to keep our Bid valid for the period of 120 days from the date of submission of the Bid.

I/We also agree to abide by and fulfill all the terms, conditions of provision of the bid document.

Signature of Authorized Signatory

Place: _____

Date: _____

Address: _____

Mobile: _____

Email ID: _____

Bid Covering Letter

To
General Manager
Broadcast Engineering Consultants India Limited
BECIL Bhawan, C-56, A/17, Sector-62, Noida-201307

Reference: EOI No.<<>> dated << 202X>>

Dear Sir/Madam,

We, the undersigned, offer to provide Systems Implementation solutions/ services to the Purchaser on <Name of the Systems Implementation engagement> with your Expression of Interest dated <insert date>and our Proposal. We are hereby submitting our Proposal, which includes our Technical bid sealed on the <URL of e-Procurement portal> portal.

We hereby declare that all the information and statements made in this Technical bid are true and accept that any misinterpretation contained in it may lead to our disqualification.

We undertake, if our Proposal is accepted, to initiate the Implementation services related to the assignment not later than the date indicated in Fact Sheet.

We agree to abide by all the terms and conditions of the EOI document. We would hold the terms of our bid valid for <180> days as stipulated in the EOI document.

We understand you are not bound to accept any Proposal you receive.

Signature of Authorized Signatory

Place: _____

Date: _____

Address: _____

Mobile: _____

Email ID: _____

Credentials Summary

S. No.	Project Name	Client Name	Client Type	Project Value (in INR)	Documentary evidence provided (Yes or No)	Project Status (Completed or Ongoing or Withheld)
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

Signature of Authorized Signatory

Place: _____

Date: _____

Address: _____

Mobile: _____

Email ID: _____

Self-Declaration For Non Black Listing

[ON BIDDER'S LETTER HEAD]

Bidder Ref. No.

Dated :

To
General Manager
Broadcast Engineering Consultants India Limited
BECIL Bhawan, C-56, A/17, Sector-62, Noida-201307

We, M/s. ----- hereby declare that the firm/company namely M/s. -----, as on the date of bid submission, has not been blacklisted or debarred by any of the Central Government or State Government or any organization under Central/ State Government or any Statutory Authority, or any Public- Sector Undertaking.

M/s has not been found guilty of any criminal offence by any court of law in India or abroad.

M/s, its directors and officers have not been convicted of any criminal offence related to their professional conduct or the making of false statement or misrepresentations as to their qualifications to enter into procurement contract within a period of three years preceding the commencement of the procurement process or have not been otherwise disqualified pursuant to debarment proceedings.

Yours faithfully

For,

Signature of Authorized Signatory

Place: _____

Date: _____

Address: _____

Mobile: _____

Email ID: _____

Undertaking Regarding Payment Of GST/ Filing Of GST Return

Ref.....

Date

To,
The Chairman and Managing Director,
Broadcast Engineering Consultants India Limited,
56-A/17, Block-C, Sector-62, Noida-201307 (U.P.)

Subject: Undertaking regarding Payment of GST/ Filing of GST Return

Dear Sir,

This is in connection to the works awarded by M/s Broadcast Engineering Consultants India Limited (BECIL), we hereby undertake that we will comply with Goods and Services Tax 2017 and subsequent amendment and Various Rules Relating to GST Act, 2017 (herein after referred to as GST Act and Rules) wherever we are obliged to comply with the GST Act and GST Rules.

We further hereby undertake that we will issue proper **"Tax Invoice"** and/or any other Relevant Document as required under GST Act and Rules. We will furnish appropriate GST return and pay GST as required under GST Act and Rules on timely basis and will provide GST credit on timely basis through GST Portal (and/or by any other means as provided by GST Act and Rules).

We hereby certify & undertake that we will not alter, delete or modify the tax invoices and other details uploaded at GST Portal unless approved by BECIL in writing. We hereby certify all the relevant document along with tax invoice as the case may be

We also hereby certify & undertake that we indemnify BECIL on account of any loss of GST input credit as well as any interest, penalty, demands or other costs, expenses suffered by BECIL because of any failure on our part to file appropriate Return on time and/or pay Tax to Government/Appropriate Authority.

In case we do not make payment the tax/interest/penalty/other expenses etc. on demand raised by Government/Tax Authorities due to default/delay on our part/action, we also authorize BECIL to forfeit/deduct from security held by BECIL, equivalent amount of interest/penalty/tax etc. for the amount so withheld.

Signature of Authorized Signatory on behalf of Agency

Address: _____

Mobile: _____

Email ID: _____

Power of Attorney for signing the Bid on Rs. 100 Stamp Paper

KNOW ALL MEN BY THESE PRESENTS,

We, [Name of Bidder] do hereby irrevocably constitute, nominate, appoint and authorize _____, who is presently employed with us and holding the position of “_____”, as our true and lawful attorney (*hereinafter referred to as the “Attorney”*) to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our application for qualification and submission of our bid for the Project “**Name of Project**” of “_____” (the “client”) including but not limited to signing and submission of all applications, bids and other documents and writings, participate in pre-applications and other conferences and providing information/ responses to the client, representing us in all matters before the client, signing and execution of all contracts including the Agreement and undertakings consequent to acceptance of our bid, and generally dealing with the client in all matters in connection with or relating to or arising out of our bid for the said Project and/ or upon award thereof to us and/or till the entering into of the Agreement with the client. The act done by _____ (Name of authorized person) will be binding on the selected bidder.

IN WITNESS WHEREOF WE, (Name of Bidder)_____, THE ABOVE-NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS DAY OF Date_____ .

For **Name of Bidder**,

Accepted

Witnesses:

(Notarized)

For the BID SECURITY/ EMD Guarantee
(To be typed on Rs.100/- non-judicial stamp paper)

Sub: Bid Security/ EMD guarantee

Whereas M/s R/o
..... (Hereafter referred to as Bidder) has approached us for giving Bank Guarantee of Rs./- (hereafter known as the "B. G. Amount") valid up to / / 20.... (hereafter known as the "Validity date") in favour of CMD, Broadcast Engineering Consultants India Limited, Delhi (Hereafter referred to as BECIL) for participation in the tender of work of vide tender no.

1. Now at the request of the Bidder, We Bank
.....Branch having
..... (Address) and Regd. office address as
.....
..... (Hereinafter called 'the Bank') agrees to give this guarantee as hereinafter contained:

2. We the Bank do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from the BECIL stating that the amount claimed is due to the bidder withdrawal or amendment in its bid or impairing or derogating from the bid in any respect during the period of bid validity specific by the bidder in the bid form or extended subsequently; or if the successful bidder failed to accept the APO / AWO and / or to submit PBG & sign the contract/ agreement; or if the bidder fails to submit additional documents/ information sought by BECIL. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee where the decision of the BECIL in these counts shall be final and binding on the bank. However, our liability under this guarantee shall be restricted to an amount not exceeding the "B. G. Amount".

3. We undertake to pay to the BECIL any money so demanded notwithstanding any dispute or disputes raised by the bidder(s) in any suit or proceeding before any court or tribunal relating thereto our liability under this present being absolute and unequivocal. The Payment so made by us under this bond shall be valid discharge of our liability for payment there under and the bidder(s) shall have no claim against us for making such payment.

4. We the Bank further agree that the guarantee herein contained shall remain in full force and effect during the period of its and that it shall continue to be enforceable until BECIL Certifies that the terms and conditions of the said Tender have been fully and properly carried out by the said bidder(s) and accordingly discharge this guarantee. Unless a demand or claim under this guarantee is made on us in writing or before the expiry of Validity date from the date hereof, we shall be discharged from all liability under this guarantee thereafter.

5. We the Bank further agree with the BECIL that the BECIL shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Tender or to extend time of performance by the said bidder(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the BECIL against

the said bidder(s) and to forbear or enforce any of the terms and conditions relating to the said Tender and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Bidder(s) or for any forbearance, act or omission on the part of the BECIL or any indulgence by the BECIL to the said bidder(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. Notwithstanding anything herein contained ;
 - (a) The liability of the Bank under this guarantee is restricted to the "B. G. Amount" and it will remain in force up to its Validity date specified above.
 - (b) The guarantee shall stand completely discharged and all rights of the BECIL under this Guarantee shall be extinguished if no claim or demand is made on us in writing on or before its validity date.
7. In case BECIL demands for any money under this bank guarantee, the same shall be paid through banker's Cheque in favour of CMD, BECIL, New Delhi payable at New Delhi.
8. The Bank guarantees that the below mentioned officer who have signed it on behalf of the Bank have authority to give this guarantee under its delegated power.
9. E-payment may be preferred. Accordingly, in case of E-payment to be made for BG encashed, Bank shall transfer the amount to Bank account as intimated by BECIL to Bank at that time
10. The encashment/ renewal of the guarantee will not be denied on grounds of change in the constitution of the Bank or the Bidder/ Contractor(s)/ IE(s) / Purchaser /PMA

Place:

Date:

(Signature of the Bank Officer)

Rubber stamp of the bank Authorized Power of Attorney Number:

Name of the Bank officer:

Designation:

Complete Postal address of Bank:

.....

Telephone Numbers

Fax numbers

FORMAT FOR BID SECURITY IN FORM OF INSURANCE SURETY BOND

(To be submitted on non-judicial stamp paper of appropriate value)

Insurance Surety Bond for Bid Security

Whereas M/s R/o (Hereafter referred to as **Principal**) has approached us for giving a Surety of Rs./- (hereafter known as the "**Surety Amount**") valid up to/...../ 20.... (hereafter known as the "**Validity date**") in favour of(e.g. CMD, Broadcast Engineering Consultants India Limited, Delhi) (Hereafter referred to as **BECIL**) for participation in the tender of work of..... vide tender no.

1. Now at the request of the Principal, We Insurance Company Limited, registered under the Insurance Act, 1938, with its Corporate office,and Registered/Head Office (the "**Surety**") to transact the business of Surety Insurance under the powers conferred under Section 14 (2) (i) of IRDA Act, 1999 & IRDA Guidelines issued vide IRDAI/NL/GDL/SIC/01/01/2022 3rd January, 2022, agreed to give this Surety Bond by way of performance guarantee as hereinafter contained:

2. We, the Surety, do hereby undertake to pay the amounts due and payable under this Surety without any demur, merely on a demand from the BECIL stating that the amount claimed is due to the bidder withdrawal or amendment in its bid or impairing or derogating from the bid in any respect during the period of bid validity specified by the bidder in the bid form or extended subsequently; or if the successful (I-1) bidder failed to accept the APO/ AWO and/ or to submit PBG & sign the contract/ agreement; or if bidder fails to submit additional documents/information sought by BECIL. Any such demand made on the Surety shall be conclusive as regards the amount due and payable by the Surety under this Surety where the decision of the BECIL in these counts shall be final and binding on the Surety. However, our liability under this Surety shall be restricted to an amount not exceeding the "Surety Amount".

3. We, the Surety, undertake to pay to the BECIL any money so demanded notwithstanding any dispute or disputes raised by the **Principal** in any suit or proceeding before any court or tribunal relating thereto our liability under this present being absolute and unequivocal. The Payment so made by us under this bond shall be valid discharge of our liability for payment there under and the **Principal** shall have no claim against us for making such payment.

4. We the Surety, further agree that the Surety herein contained shall remain in full force and effect during the period that would be taken for the performance of the said tender and that it shall continue to be enforceable until BECIL Certifies that the terms and conditions of the said tender have been fully and properly carried out by the said **Principal** and accordingly discharge this Surety. Unless a demand or claim under this Surety is made on us in writing or before the expiry of Validity date from the date hereof, we shall be discharged from all liability under this Surety thereafter.

5. We the Surety further agree with the BECIL that the BECIL shall have the fullest liberty, without our consent and without affecting in any manner our obligations hereunder, to vary any of the terms and conditions of the said tender Agreement or to extend time of performance by the said **Principal** from time to time or to postpone for any time or from time to time, any of the powers exercisable by

the BECIL against the said **Principal** and to forbear or enforce any of the terms and conditions relating to the said tender and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said **Principal** or for any forbearance, act or omission on the part of the BECIL or any indulgence by the BECIL to the said **Principal** or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. Notwithstanding anything herein contained:
- (a) The liability of the Surety under this Surety bond is restricted to the “**Surety Amount**” and it will remain in force up to its Validity date specified above.
 - (b) The Surety shall stand completely discharged and all rights of the BECIL under this Surety shall be extinguished if no claim or demand is made on us in writing on or before its validity date.
7. In case BECIL demands for any money under this Surety Bond, the same shall be paid through Banker’s Cheque in favour of “**CMD, BECIL, New Delhi**” payable at New Delhi or by any other mode such as NEFT/ RTGS, etc., as indicated by BECIL in its demand letter.
8. The Surety declares that the below mentioned officer who have signed it on behalf of the Surety, have authority to give this Surety under its delegated power.

Place:
Date:(Signature of the Insurance Company Officer)
Rubber stamp of the Insurance Company
Authorized Power of Attorney Number:
Name of the officer:
Designation:
Official Email ID:.....
Complete Postal address of Insurance Company:
Telephone Numbers
Fax numbers

Name, Address, Contact number and official Email ID of the Controlling Office of the Surety Issuing Branch or any web portal link, from whom / where the Surety Bond can be got confirmed by BECIL.
.....
.....
.....
.....

PRICE BID FORMAT

Bidder Ref. No.

Dated :

To
 General Manager
 Broadcast Engineering Consultants India Limited
 BECIL Bhawan, C-56, A/17, Sector-62, Noida-201307

Sub: Financial Bid rate for Setting up of Digital Studio at Jharkhand State Open University, Ranchi, Jharkhand.

Sir/Madam,

In response to your advertisement of tender for "Setting up of Digital Recording Studio at Jharkhand State Open University, Ranchi, Jharkhand."

We herewith submit our financial bid for the works mentioned in the Tender Document

Minimum rate for the work	Rupees (.....) Excluding GST & Labor Cess
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It is further promised by me/us that above work will be completed in all respects as per the terms and conditions contained in this tender document

Note: - Financial Bid must be submitted with item wise rate along with make and model as per schedule in scope of work as attached.

S. No.	Description	Make/Model	Qty	Unit rate (Rs)	Total value (Rs)	GST (18% & 28%)	Total value with GST (Rs)
1.							
2.							
3.							
4.							
	Grand Total						

Rs. (..... Only)

Scope of Work

To initiate "Digital Education" at JSOU it will be implemented in phases. The first phase will include

- Procurement, Installation and Commissioning of Furniture & IT Infrastructure

This ambitious endeavor encompasses the design, procurement, and installation of a state-of-the-art Recording studio, Audio-Video Conference Room within the specified dimensions of:-

1. 11.00 feet in length, 13.00 feet in breadth, (Studio-1)
2. 11.0 feet in length, 130 feet in breadth, (Studio-2)
3. 20.0 feet in length, 16.6 feet in breadth, (Conference Room)
4. 6.0 feet in length, 13.0 feet in breadth. (NOC Room)
5. 143 Sq. Ft Corridor Area
6. Operation & Maintenance for the period of 60 months from the date of installation

Schedule-1

Development of Studio Room Size 11.0' X 13.0' Sq. Ft. Furnishing and Hardware Work

A- List of the furniture component

Sr. No.	Name of Work	Description of work	Total (Sq. Ft.)	UOM
1	Installation of Hardware	Supply and Installation of Hardware All Digital equipment as per requirement like Digital panels cameras, desktop, speaker, CCTV, wireless connectivity and microphone etc.	143.00	Sq. Ft.
2	Wall paling	Supply and Installation of Materials Wall paling 12mm commercial waterproof plywood (center to center) complete with Acoustic	99.00	Sq. Ft.
3	Wall Partition work with paling	12mm commercial waterproof plywood fitted on 2x1 MS Tube/Wooden batten frame of (centre to centre) complete with Acoustic	333.00	Sq. Ft.
4	False Ceiling	Supply and Installation of Materials for False Ceilings False 141:00 Sq. Ft	143.00	Sq. Ft.
5	Wiring, Networking and Ceiling Light	Supply and Installation of Materials Lighting Concealed/focus/tube light/halogen/general lighting (mixture of yellow/white) with fitting/fixtures/wiring/labor/MCB Box	143.00	Sq. Ft.

6	Flooring Work	Wooden Flooring Providing and fixing 8.30mlm thick wooden laminate flooring of Vista or any other make as approved by the Engineer In-charge laid over polythene sheet & 4mm thick foam on the existing flooring complete in all respect as per manufacturer specifications/direction of Engineer In charge	143.00	Sq. Ft.
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B- List of the hardware component

Sr. No.	Category	Item	Qty
1	IFP	75 inch interactive panel with OPS	1
2	Display	43-inch LED Screen	1
3	Multi Viewer	Multi Viewer	1
4	Audio	Wireless Microphone	1
5	Audio	Wall Speaker	2
6	Sound System	Woofers	2
7	Amplifier	Amplifier	1
8	Desktop	Desktop	1
9	Light & Stand	Professional Lighting Stand	2
10	Camera 1	Full HD PTZ Camera	1
11	Camera 2	Human Tracking Camera (4K)	1
12	Wireless connectivity	Wireless connectivity	1
13	Document camera	Document camera	1
14	Air Conditioner	Air Conditioner	1
15	Networking	LAN wire	1
16	PA System	Public address system	1
17	Conferencing Software	Meet/Skype/MS team	1
18	Video editing software	Editing software	1
19	Furniture	Table	2
20	Furniture	Chairs	3
21	Storage	Local server/cloud	1
22	Fire Extinguisher	Fire Extinguisher	1
23	Capture card	4K	1
24	Mixer	Audio Mixer	1
25	Cable and accessories	As per needed	1

Schedule-2

Development of Studio Room Size 11.0' X 13.0' Sq. Ft. Furnishing and Hardware Work

A- List of the furniture component

Sr. No.	Name of Work	Description of work	Total (Sq. Ft.)	UOM
1	Installation of Hardware	Supply and Installation of Hardware All Digital equipment as per requirement like Digital panels cameras, desktop, speaker, CCTV, wireless connectivity and microphone etc.	143.00	Sq. Ft.
2	Wall paling	Supply and Installation of Materials Wall paling 12mm commercial waterproof plywood (center to center) complete with Acoustic	216.00	Sq. Ft.
3	Wall Partition work with paling	12mm commercial waterproof plywood fitted on 2x1 MS Tube/Wooden batten frame of (centre to centre) complete with Acoustic	99.00	Sq. Ft.
4	False Ceiling	Supply and Installation of Materials for False Ceilings False 141:00 Sq. Ft	143.00	Sq. Ft.
5	Wiring, Networking and Ceiling Light	Supply and Installation of Materials Lighting Concealed/focus/tube light/halogen/general lighting (mixture of yellow/white) with fitting/fixtures/wiring/labor/MCB Box	143.00	Sq. Ft.
6	Flooring Work	Wooden Flooring Providing and fixing 8.30mlm thick wooden laminate flooring of Vista or any other make as approved by the Engineer In-charge laid over polythene sheet & 4mm thick foam on the existing flooring complete in all respect as per manufacturer specifications/direction of Engineer In charge	143.00	Sq. Ft.

B- List of the hardware component

Sr. No.	Category	Item	Qty
1	IFP	75 inch interactive panel with OPS	1
2	Display	43-inch LED Screen	1
3	Multi Viewer	Multi Viewer	1
4	Audio	Wireless Microphone	1
5	Audio	Wall Speaker	2
6	Sound System	Woofers	2
7	Amplifier	Amplifier	1
8	Desktop	Desktop	1

9	Light & Stand	Professional Lighting Stand	2
10	Camera 1	Full HD PTZ Camera	1
11	Camera 2	Human Tracking Camera (4K)	1
12	Wireless connectivity	Wireless connectivity	1
13	Document camera	Document camera	1
14	Air Conditioner	Air Conditioner	1
15	Networking	LAN wire	1
16	PA System	Public address system	1
17	Conferencing Software	Meet/Skype/MS team	1
18	Video editing software	Editing software	1
19	Furniture	Table	2
20	Furniture	Chairs	3
21	Storage	Local server/cloud	1
22	Fire Extinguisher	Fire Extinguisher	1
23	Capture card	4K	1
24	Mixer	Audio Mixer	1
25	Cable and accessories	As per needed	1

Schedule-3

Development of conference Room Size 20.0' X 15.6' Sq. Ft. Furnishing and Hardware Work

A- List of the furniture component

Sr. No.	Name of Work	Description of work	Total (Sq. Ft.)	UOM
1	Installation of Hardware	Supply and Installation of Hardware All Digital equipment as per requirement like Digital panels cameras, desktop, speaker, CCTV, wireless connectivity and microphone etc.	333.00	Sq. Ft.
2	Wall paling	Supply and Installation of Materials Wall paling 12mm commercial waterproof plywood (center to center) complete with Acoustic	495.00	Sq. Ft.
3	Wall Partition work with paling	12mm commercial waterproof plywood fitted on 2x1 MS Tube/Wooden batten frame of (centre to centre) complete with Acoustic	108.00	Sq. Ft.
4	False Ceiling	Supply and Installation of Materials for False Ceilings False 141:00 Sq. Ft	333.00	Sq. Ft.
5	Wiring, Networking and Ceiling Light	Supply and Installation of Materials Lighting Concealed/focus/tube light/halogen/general lighting (mixture of yellow/white) with fitting/fixtures/wiring/labor/MCB Box	333.00	Sq. Ft.
6	Flooring Work	Wooden Flooring Providing and fixing 8.30mlm thick wooden laminate flooring of Vista or any other make as approved by the Engineer In-charge laid over polythene sheet & 4mm thick foam on the existing flooring complete in all respect as per manufacturer specifications/direction of Engineer In charge	333.00	Sq. Ft.

B- List of the hardware component

Sr. No.	Category	Item	Qty
1	IFP	86 inch interactive panel with OPS	1
2	Display	43-inch LED Screen	1
3	Chairman Mic	Mic	1
4	Table top mic	Mic	14
5	Mic controller	Mic controller	1
6	Audio	Wall speaker	2
7	Audio	Table speaker phone	4

8	Amplifier	Amplifier	1
9	Desktop	Desktop	1
10	Camera 1	Full HD PTZ Camera	1
11	Camera 2	Human Tracking Camera (4K)	1
12	Capture card	Capture card	2
13	Document camera	Document camera	1
14	Air Conditioner	Air Conditioner	2
15	Networking	LAN wire	1
16	Conferencing Software	Meet/Skype/MS team	1
17	Furniture	15 Seater conference Table	1
18	Furniture	Chairs	16
19	Storage	Local server/cloud	1
20	Fire Extinguisher	Fire Extinguisher	1
21	Cable and accessories	As per needed	1

Schedule-4

Development of NOC Room and passage Size 13.0' X 6' and (11.6' X 10') + (3' X 9') Sq. Ft.
Furnishing and Hardware Work

A- List of the furniture component

Sr. No.	Name of Work	Description of work	Total (Sq. Ft.)	UOM
1	Installation of Hardware	Supply and Installation of Hardware All Digital equipment as per requirement like Server rack, desktop, CCTV, UPS, Air conditioner.	78.00	Sq. Ft.
2	Wall paling	Supply and Installation of Materials Wall paling 12mm commercial waterproof plywood (center to center)	369.00	Sq. Ft.
3	False Ceiling	Supply and Installation of Materials for False Ceilings False Ceiling Designer is landed/Parabolic/ Grid type made up of metallic/wooden frame cladded with 8 mm Water proof Ply board duly Laminated/ ACP/Metallic panels/12mm thick ceiling tiles	220.00	Sq. Ft.
4	Wiring, Networking and Ceiling Light	Supply and Installation of Materials Lighting Concealed/focus/tube light/halogen/general lighting (mixture of yellow/white) with fitting/fixtures/ wiring/labor/MCB Box	220.00	Sq. Ft.
5	Flooring Work	Wooden Flooring Providing and fixing 8.30mlm thick wooden laminate flooring of Vista or any other make as approved by the Engineer In-charge laid over polythene sheet & 4mm thick foam on the existing flooring complete in all respect as per manufacturer specifications/direction of Engineer In charge	220.00	Sq. Ft.

B- List of the hardware component

Sr. No.	Category	Item	Qty
1	Desktop	Desktop	1
2	Air Conditioner	Air Conditioner	1
3	Networking	LAN wire	1
4	CCTV Camera	CCTV Camera 16NVR	1
5	Furniture	Rack	1
6	Furniture	Chairs	1
7	Storage	Local server/cloud	1
8	Fire Extinguisher	Fire Extinguisher	1
9	UPS	10 KVA UPS with battery	1

Specification

1-

Components – Specification

Smart Panel:

SIZE	65/75/86"
BRIGHTNESS	<500Cd/m ²
STATIC CONTRAST RATIO	5000:1
DYNAMIC CONTRAST RATIO	20000
ASPECT RATIO	16:9
NATIVE RESOLUTION	4K Ultra High Definition (3840x2160) @ 60Hz
VIEWING ANGLE	178Degree
TECHNOLOGY	DLED
PANEL TECHNOLOGY	In Plane Switching
RESPONSE TIME	2ms
BEZEL WIDTH	<=30mm
SPEAKER	20wX 2
TOUCH INTERFACE	20pointsIRMultiTouch
TOUCH SENSOR	Advanced IR
INTERNET	5G
SCREEN RECORDING	YES
INPUT INTERFACE	

HDMI	X3
VGA,PCAUDIO,AV,DISPLAY, RS232,RJ45 MIC, Type-C port	X1
USB	X4
OUTPUT INTERFACE	
AV,S/PDIF,AUDIO, HDMI	X1
OPERATING PARAMETERS	
BARE DIMENSIONS (MM)	2241x116x1337
POWER CONSUMPTION	320watt
PROCESSOR	QUADCORE2.4 GHz
STANDBY POWER CONSUMPTION	<0.5 watt
BUILT IN ANDROID	Android 11/13/14 with 4GB RAM and 32 GB ROM/or Higher
NET/GROSS WEIGHT	95Kg /125 Kg

2-

OPS:

CPU	Intel® Core™ i5 11th generation or higher
RAM	16GB/ Higher
Storage	1TB SSD / Higher
I/O Ports	3.5 mm MIC x 1
HDMI (1.4 4K@24HZ)	x 1
3.5 mm line out	x 1
USB 2.0	x 2
USB 3.0	x 4
RJ45	x 1
DPI	x 1
Built-in Wi-Fi	2.4G/5G
Type c	x 1
Power management inbuilt Software	Multi-Patented Power mind AI, fine grained, Soft Meter, Application and Activity Sensor based Power management software to delivers upto 50% power savings during active and idle hours of the system

3-

Noise Cancellation Wireless Microphones:

3-pin XLR Female connector
Ear hook- secure fit wearing
Comfortable cushion (not earphone)
Antenna: Transmit the signal of transmitter
Audio input jack
AA Battery compartment

Battery warning indicator
3.5mm line out jack
USB connector (getting 5V power supply from computer or speaker through it.)
Wireless Microphone System, Wireless
Microphone set with Headset & Lavalier Lapel Mics
For Recording or Online Classes
USB Microphone, 16mm diaphragms FIFINE PC
Microphone for Mac & Windows

4-

LED Display:

HDMI Input (HDCP 2.2)	4 (2 rear, 2 side)
HDMI Audio Return Channel (ARC)	ARC (HDMI 2)
USB Ports (v 2.0)	3 (2 rear, 1 side)
RF Connection Input (Antenna/Cable)	1 (rear)
Composite Input (AV)	1 (rear)
Ethernet Input	1 (rear)
RS-232C Input (Mini Jack)	1 (rear)
Digital Audio Output (Optical)	1 (rear)
SMART TV	Full Web Browser
Operating System	webOS
Display Resolution	4K Ultra HD (3,840 x 2,160)
Display Type	IPS 4K Display
Wide Viewing Angle	IPS Technology
PICTURE (PROCESSING)	Refresh Rate Native 120Hz
HDMI	X3
Wi-Fi® Standard	Wi-Fi Certified 802.11ac
Bluetooth® Support	Version 5.0
POWER	223KWh/y
Annual Power Consumption	121W
Power Consumption	121W
Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5W
TV Dimensions with Stand	(WxHxD) 66.7" x 41.3" x 13.6"

5-

Audio: Speaker:

Parameter	Specifications
Type	Wall Mount
Speaker Units	4" woofer and 1" tweeter
Rated Power	30W
Power Tap Selection	30W/15W/7.5W/3.75W/1.9W, aΩ
Frequency Response	100Hz-20kHz
Input Voltage (Max)	100V/70V
Sensitivity	88 ± 3dB (1W, 1M)
Cabinet Material	ABS
Dimensions (WxDxH) mm	148x172x250
Net Weight (Kg)	2.5
Colour	Black/White

6-

Chairman Mic:

Microphone	-63dBV/ μ bar (7.5mV/Pa)
Current Consumption	< 50mA Max.
Mic Auto Switch-Off Time	75 seconds approx.
Input	Line
Output	Line, Headphone
Speaker	Max Input 300mW
Controls	Talk Switch, Speaker Volume Control, Headphone Volume Control
Dimensions	W118 × H70 × D160 mm
Weight	1.05 kg (w/o cable)
Accessories	Foam Windshield, 2.5m Interconnecting

7-

Table Top Mic:

Microphone	-63dBV/ μ bar (7.5mV/Pa)
Current Consumption	< 50mA Max.
Mic Auto Switch-Off Time	75 seconds approx.
Input	Line
Output	Line, Headphone
Speaker	Max Input 300mW
Controls	Priority Switch, Talk Switch, Speaker Volume Control, Headphone Volume Control
Dimensions	W118 × H70 × D160 mm
Weight	1.05 kg (w/o cable)
Accessories	Foam Windshield, 2.5m Interconnecting Cable

8-

Mic Controller:

Line Output 1	17.5V DC/3A Max.; -34dBV (20mV)
Line Output 2	17.5V DC/3A Max.; -34dBV (20mV)
Power Output	50W RMS at 2% THD, 90W Max.
Inputs	3×Mic 0.65mV/4.7k Ω , 1×Aux 100mV/470k Ω
Frequency Response	60-14,000Hz (\pm 3dB)
S/N Ratio	> 60dB
Tone Controls	Bass: -10dB at 100Hz, Treble: -10dB at 10kHz
Preamp Output	200mV/600 Ω
Line Output	1V/1k Ω
Send Output	200mV/600 Ω
Return Input	200mV/10k Ω
Speaker Output	4 Ω , 8 Ω , 16 Ω , 70V & 100V
Power Requirement	AC: 220-240V, 50/60Hz, DC: 24V (2×12V Car

4K Voice Tracking Camera:

Specification	
Image Sensor	1/2.8inch CMOS
Min Lux	0.1Lux(F1.2)
Effective Pixel	2.2 MP
Zoom	12X Optical
Shutter Speed	1 to 1/10000s
Horizontal Field of View	69.4° (W) ~6.55° (T)
Frame Rate	1920×1080,1280×720, 640×480
Focus Mode	Auto
Aperture Mode	Auto
Backlight Compensation	Support
Wide Dynamic	Support
Picture Adjustment	Brightness ,Chroma, Saturation Contrast Acutance
MIC Array Quantity	4
MIC Array Form	linear
Microphone Spacing	45.8mm
Sampling Rate	16KHz/48KHz
Sensitivity	-26dBfs
Far-field Pick up Voice Distance	0-10meters
Horizontal Voice Pick up Angle	Horizontal 180°
SNR	65.5dB
Communication Mode	full duplex
Video Interface	USB2.0 HDMI
Video Compressed Format	MJPEG/H.264
Control Interface	RS-232, USB2.0, UVC
Control Agreement	VISCA/PELCO-D/PELCO-P
Communicate Baud Rate	2400/4800/9600/11520/19200/38400

Power Interface	DC-038 power socket (DC12V)
Pan Rotation	-170°~ +173°
Tilt Rotation	-30°~ +90°
Horizontal Rotate Speed	0.1~100°/second
Vertical Rotate Speed	0.1~80°/ second
Power Adapter	Input AC100V~AC240V Output DC12V/2A
Decoder	Built in
Input voltage	DV12V
Power Consumption	12W(MAX)
Storage Temperature and Humidity	-10°C ~ +60°C / 20%~ 95%
Working temperature and Humidity	-10°C ~ +50°C / 20%~ 80%
Operating Environment	Indoor
Size	180*180*172mm
Weight	1360g

10-

Human Tracking Camera (4K)

4K PTZ Auto Tracking Camera	
Video System	4K@60fps, 4K@59.97fps,4K@50fps,4K@30fps, 4K@25fps,4K@29.97fps,1080P@60fps,1080P @50fps,1080I@60fp,1080I@50fp,10 80P@30fps,1080P@59.94fps, 1080I@59.4fps,1080P29.97fps, 720P@60fps,720P@59.94fps
Sensor	1/2.5 inch, CMOS, effective pixels: 8.4M
Scanning Mode	Progressive
Lens	12x, f= 3.47mm~41.65mm, F1.84 ~ F3.72
Digital Zoom	16x
Minimal Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, indoor, outdoor, one-push, manual
Backlight Compensation	Support
Digital Noise Reduction	3D digital noise reduction
Video S/N	>55dB
Horizontal Angle of View	80.8° ~ 7.5°
Horizontal Angle of View	49.9° ~ 4.3°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30° ~ +90°
Pan Speed Range	1.7° ~ 100°/s
Tilt Speed Range	1.7° ~ 69.9°/s
H & V Flip	Support (built-in gravity sensor)
Image Freeze	Support
PoE	Support
Number of Pre-set	255
Pre-set Accuracy	0.1°
Colour System / Compression	YUY2 / H.264 / MJPEG
Video Format	YUY2: Max 1080P@60fps H.264 AVC: Max 2160P@60fps H.264SVC: Max 2160P@60fps MJPEG: maximum 4 k @ 30 FPS
Audio on USB	Support
USB Video Communication	UVC 1.1~1.5
UVC PTZ	Support
Video Compression	H.265/H.264/MJPEG
Video Stream	Main stream, sub stream
Main Stream Resolution	3840x2160, 1920x1080, 1280x720, 1024x576, etc
Sub Stream Resolution	720x576, 720x480, 320x240, etc
Video Bit Rate	32kbps~102400kbps
Bit Rate Type	Variable bit rate, fixed bit rate
Frame Rate	50Hz: 1fps~50fps, 60Hz: 1fps~60fps
Audio Compression	AAC、G711
Audio Bit Rate	48Kbps, 64Kbps, 96Kbps, 128Kbps
Support protocols	NDIR, HX, TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, multicast, etc
HD Output	1x HDMI Version 2.0, 1x 3G-SDI BNC type, 800mVp-p, 75Ω, along to SMPTE 424M standard
Network Interface	1x RJ45 10M/100M/1000M adaptive Ethernet

11-**Amplifier:**

Power Output	220W RMS Max, 160W RMS at 10% THD 140W RMS at 5% THD 120W RMS at 2% THD
Output Regulation	≤ 2dB no load to full load at 1kHz
Input Channels	5 x Mic, 0.65 mV/4.7kΩ (Mic source impedance 50Ω to 1kΩ) 2 x Aux, - 1&2 100 mV/470 kΩ Line input 1V/50kΩ
Frequency Response	50 - 15,000 Hz ± 3 dB
Signal to Noise Ratio	60dB
Tone Controls	

12-**Desktop:**

Series	32-b1902in
Colour	Sparkling black
Form Factor	All-in-One
Item Height	27.8 Centimeters
Item Width	11.2 Centimeters
Standing screen display size	31.5 Inches
Screen Resolution	2560 x 1440 pixels
Resolution	2560 x 1440 Pixels
Product Dimensions	34.5 x 11.2 x 27.8 cm, 14 kg
Item model number	32-b1902in
Processor Brand	Intel
Processor Type	Core i7
Processor Speed	4.9 GHz
Processor Socket	Socket P
Memory Technology	DDR4
Computer Memory Type	DDR4 SDRAM
Maximum Memory Supported	32 GB
Memory Clock Speed	3200 MHz

Hard Drive Size	1 TB
Hard Disk Description	SSD
Hard Drive Interface	Solid State
Graphics Coprocessor	Nvidia Ge Force Rtx 3050
Graphics Chipset Brand	NVIDIA
Graphics Card Description	Integrated
Graphics RAM Type	GDDR4
Graphics Card Interface	Integrated
Connectivity Type	Wi-Fi
Number of USB 2.0 Ports	4
Operating System	Windows 11 Home
Are Batteries Included	No

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UPS

Parameters	10 kVA		
Output power capacity	8000 W		
Technology	Online double conversion VFI - SS - 111		
Waveform	Sinusoidal		
Display	LCD Display	LED + LCD Display	
Input characteristics			
Voltage	230 VAC		
Frequency	50-60 Hz \pm 5% auto sensing		
Voltage range	160 V-300 VAC		
	110 V-300 VAC @ 60% load	110 V-300 VAC @ 50% load	
Power factor	>0.99		
THD of input current	<10%		
DC voltage	36 V	72 V/96 V	192-240 V
Output characteristics			
Voltage	220 VAC/230 VAC/240 VAC \pm 1%		
Frequency	50 Hz \pm 0.1 Hz		
Frequency synchronisation	47.5 to 52.5 Hz		
THD of output voltage	<3% Linear load		<3% Linear load
	<5% Non-linear load		<5% Non-linear load

IR	As per section (21) of UGC Act, 1956)
IR Range	Up to 30 m
Wavelength	850nm
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression (-S model)	G.711/G.722.1/G.726/MP2L2/PCM/MP3
Audio Bit Rate (-S model)	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3)
Smart Feature-set	
Smart Event	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Linkage Method	Trigger recording: memory card, network storage, pre-record and post-record Trigger captured pictures uploading: FTP, HTTP, NAS, Email Trigger notification: HTTP, ISAPI, alarm output (-S), Email
Region of Interest	Support 1 fixed region for main stream and sub-stream
Image	
Max. Resolution	2688 × 1520

14- Fire Extinguisher:

Capacity (kg)	2
Anti-Corrosive Inhibitor	Epoxy Polyester Powder Coating
Confirming IS Code	15683
Type of Extinguisher	Constant Pressure
Type of Extinguishing Media	HFC 236 fa
Expellant	Pressurized with N2 gas
Minimum Effective Discharge (%)	95
Minimum Jet Length (mtrs.)	More than 2 mtr.
Discharge Time (Sec.)	More than 13 Sec.
Hydraulic Test Pressure (kgf/cm ²)	35
Operating Position	Upright
Charged Pressure (kgf/cm ²)	18
Operating Temperature Range (°C)	0 to (+)55
Operating Valve	Squeeze Grip Type with Nozzle
Fire Rating	1A, 8B, C

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Furniture Table:

Item	Description
Conference Table	<p>Size of Table</p> <p>8*4.5 Top 600mm, Height - 750mm</p> <p>Pre laminated particle board 18mm</p> <p>seating)The shape of table top U shape</p> <p>Wire management With Number of the socket box 2 In-built sockets for LAN /INTERNET No</p> <p>Type of under structure Leg type:</p> <p>Material of table top Three-layer pre laminated particle boards of grade II type II of IS: 12823/latest Material of legs /Gable end Pre laminated MDF board conforming to grade II and type II of IS: 14587/latest Material of modesty panel -Metal perforated sheet</p> <p>Length/Diameter/Major axis of tabletop 1500 mm Width/Minor axis of tabletop(select NA in case of the round table)</p> <p>±10(mm) 1100 mm</p> <p>Thickness of top ±2(mm) 25 mm Table height in mm (±5 mm) 750 mm Height of modesty panel ±5(mm) NA</p> <p>Thickness of modesty panel (in mm) ± 5% NA</p> <p>Thickness of Gable end 19 mm Size/Diameter of legs (±0.5 mm) NA</p> <p>Thickness of legs material 6 mm Type of table top finish Teak Pu polish</p> <p>The thickness of the table top finish 2.0 mm Type of Leg(s) /gable end finish Matt polish</p> <p>The thickness of the leg(s) /gable end finish 1.5 mm Type of modesty panel finishes No finish</p> <p>The thicknesses of the modesty panel finish Colour Teak Packing Corrugated paper packing</p>

Furniture Chair:

Item	Description
Revolving Chair Quantity - 1 Boss, 21 Executive	<p>Chair Tilt mechanism Only Revolving without tilting mechanism Locking mechanism</p> <p>Tilt limiter Armrest type and arm movement Backrest type Fixed type Pedestal Base</p> <p>Nylon Armrest Material Thermoplastic Elastomers</p> <p>Minimum density of foam used in seat 50 kg per cubic meter.</p> <p>Minimum thickness of PU foam used in seat 50 mm</p> <p>Seat upholstery material Mesh fabrics</p> <p>Backrest base frame material Thermoplastic elastomeric frame with insert in one piece Padding at backrest.</p> <p>The minimum density of foam used in the backrest Minimum thickness of PU foam used in backrest upholstery material.</p> <p>Mesh fabrics Upholstery material thickness /fabric substance used in seat</p> <p>/backrest Minimum 200 GSM (for Woven fabric) Minimum width of seat 400 mm</p> <p>Minimum depth of seat 400 mm</p> <p>Minimum width of backrest 400 mm</p> <p>Backrest height Low back (350 to 450 mm)</p> <p>Minimum thickness of MS Plate Joining the under structure with Seat 2mm Minimum pedestal size</p>

Time line of project

1. **Project start date:** Proposed start dated
2. **Equipment procurement:** Start date + 3 weeks
3. **Installation and setup:** Start date + 5 Weeks
4. **Testing and calibration:** Start date + 8 Weeks
5. **Completion Date:** Start date + 12 Weeks

Milestone

- 1- **Week 1-3:** Finalize equipment list and procurement
- 2- **Week 3-5:** Delivery and initial setup
- 3- **Week 5-8:** Installation and configuration
- 4- **Week 8-12:** Testing, calibration and final adjustment