

EXPRESSION OF INTEREST FOR

**Selection of Consortium Partner for Participation in
Tender no. 14(1)2025-26EI(P)TV dated 30.10.2025 for
“SITC of Disaster Recovery Centre for DD FreeDish
Platform at Hyderabad”**

EOINo. BECIL/PROJ/BT/PB/DISASTER RECOVERY CENTRE FOR DD/25-26

Dated: 12 February 2026

Issued By

Mr. Binay Kumar Tiwari (DGM)

 <p>बेसिल BECIL</p>	<p>Broadcast Engineering Consultants India Limited (A Government of India Enterprise) CIN No. : U32301UP1995GOI017744</p> <p><i>Corporate Office:</i> BECIL BHAWAN, C-56-A/17, Sector-62, Noida-201 307Tel: 0120 4177850, Fax: 0120 4177879</p> <p><i>Head Office:</i> 14-B Ring Road, IP Estate, New Delhi- 110002Tel: 011 23378823, Fax: 01123379885 Web: www.becil.com</p>	 <p>G20 भारत 2023</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. INTRODUCTION

Broadcast Engineering Consultants India Limited (BECIL), an ISO 9001:2015, 27001:2013, ISO/IEC 2000:2012 certified Mini Ratna Central Public Sector Enterprise (CPSE) 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

Prasar Bharati (Broadcasting Corporation of India) Director General, Doordarshan has floated a tender vide **No. 14(1)2025-26EI(P)TV dated 30 Oct 2025 for SITC of Disaster Recovery Centre for DD Free Dish Platform at Hyderabad.**

3.1 ELIGIBLE BIDDERS

That the Prospective Bidder or its Allied firm or sister concern should not be blacklisted/debarred or put on holiday, by BECIL or any other Public sector Enterprise or a Government Body, as on the date of submission of the bid.

That the Bid submitted by any of the Bidder, who is found to be blacklisted/ debarred or on a Holiday list shall be out rightly rejected.

That in the event, if the Bidder chooses to be discreet and conceal about its status or about the status of any of its Allied/Sister concern of being debarred, then it shall be construed as a misrepresentation of facts and shall lead to an appropriate action by BECIL.

That the Bidder should not be undergoing any liquidation/insolvency proceedings on the due date of the submission of the bid. In case of any change in the status of declaration by the Bidder, the same shall be notified by BECIL to the Bidder in a span of seven days from the date of initiation of proceeding.

3.2 COST OF BIDDING

The Bidder shall be responsible to bear any costs associated with the preparation and submission of the Bid, and BECIL in no case, shall be responsible or liable for costs, inclusive of but not limited to bank charges, courier charges, site visits, expenses incurred for the purpose of demonstration and representation as desired by BECIL in order to assess the efficiency of the prospective Bidder, or any other expenses incurred for the submission of the Bid. That the Bidder shall be responsible for the costs/expenses regardless of the outcome of the bidding process.

3.3 ASSURANCE

The successful Bidder shall have to provide requisite documentation and satisfactory assurance of its capability and intention in regard to the supply of the goods and/or performance of the requisite scope of work/services pursuant to the award of the Contract within the time set forth herein

3.4 SITE VISIT

It shall be the responsibility of the Bidder to visit the Premises/Site wherein the work is to be performed or services is to be delivered to obtain all the requisite information that is necessary/essential for preparing the Bids and entering into a Contract. The cost of visiting the Site shall be borne by the Bidder.

The grant of permission by BECIL to the Bidder or its Authorized Representative, for the purpose of Site visit shall be contingent on the express condition that the Bidder and its representatives/agents shall indemnify the Company i.e. BECIL and its personnel from and against all liability in respect thereof and will be responsible for personal injury (whether fatal or otherwise), loss of or damage to property and any other loss, damage, costs and expenses

however caused, which, but for the exercise of such permission would not have arisen. That in the event if the Bidder fails to visit the site, it shall not relieve it from the performance of its scope of work/obligations as per the Contract

3.5 CONTENTS OF THE BIDDING DOCUMENT

That the set of Bidding Documents, include the Annexures given herein below in addition to the Invitation for Bid, together with any amendment/addendum

- i. Annexure I -Introduction and Brief Description
- ii. Annexure II - Schedule Of Dates
- iii. Annexure III - General Terms and Conditions
- iv. Annexure IV - Scope of Work and Specification
- v. Annexure V - Bid Evaluation and Matrix
- vi. Annexure VI - Enclosures and Forms

3.6 CLARIFICATION OF BIDDING DOCUMENT

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 -

3.7 ADDENDUM/AMENDMENT TO THE BIDDING DOCUMENT

At any time prior to the deadline for the submission of the Bids by the Bidders, BECIL shall have the discretion to amend the bid at its own initiative or in sub-sequence to a clarification sought by the prospective Bidder.

The Amendment / Addendum shall form a part of the bidding document and the same shall be notified on the said procurement portal, so that the said addendum/amendment becomes binding on all the prospective bidders.

In the event of an Addendum/Amendment to the Bidding Document, the prospective Bidders shall be provided with a reasonable time for the purpose of preparation of their bids.

3.8 LANGUAGE OF THE BID

That the Bid and all correspondences and communication in connection with this Bid shall be in English language. The supporting documents to be submitted by the Bidder may be in another language provided they are accompanied by a certified translation. However, BECIL may also translate the documents on its own to avert the possibility of any irregularity and

ambiguity.

3.9 EARNEST MONEY DEPOSIT

That a Bid Security amounting to **Rs 4,41,12,000/-**(Rs. Four Crore Fourty One Lakhs Twelve Thousands only) will be submitted by Bidder along with the bid in the form of Demand Draft in favor of M/s Broadcast Engineering Consultants India Limited or in the form of Bank Guarantee.

That the Earnest money deposit has been sought with an intent to protect the interests of M/s BECIL against the conduct of the Bidder which shall warrant the forfeiture of the earnest money deposit.

That any Bid not secured in accordance with Earnest Money Deposit will be rejected by BECIL by virtue of being un-responsive.

That the Earnest money deposit of all the Unsuccessful Bidders shall be discharged/returned not later than 45 days after the finalization of the tendering process, whereas the Earnest money deposit of the unsuccessful Bidder shall be discharge upon signing the Work Order/Agreement or upon acknowledging the award and on furnishing of the Performance bank guarantee/ Security deposit.

Exemption to MSME and Startup shall be given as per GoI guidelines. Notwithstanding any contained in the Contract, the Earnest money deposit shall be forfeited in the following circumstances-:

- i. In the event of withdrawal of bid, by the Bidder during the bid validity period
- ii. If the Bidder is found indulgent in fraudulent/collusive and coercive practice
- iii. In the event if the Bidder modifies the bid after the due date and time for the submission of the Bids
- iv. In the case of successful Bidder, if the Bidder fails to sign the work order/Agreement
- v. In case if the Bidder fails to furnish the Performance bank guarantee/ security.

3.10 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: -

i) BECIL intends to onboard a Back End/Consortium Partner. The selected partner will support BECIL in the bid preparation and execution (in case awarded) of Tender No. 14(1)2025-26EI(P)TV dated 30 Oct 2025 Titled “SITC of Disaster Recovery Centre for DD Free Dish Platform at Hyderabad”. An MOU/ Agreement will be signed by BECIL with the Back end partner/Consortium Partner(s) selected through this EOI, for preparation of bid and/ or participation in the above-mentioned tender.

In case the bid submitted by BECIL against the said tender, is accepted and BECIL receives Work Order/ Agreement from/ with the Client. BECIL may issue a Work Order to the selected backend partner/consortium partner. 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:-

ii) Performance Bank Guarantee (PBG): In case the said 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 "they

will provide the PBG in accordance with the timeline and the terms and conditions outlined in the client's tender.

iii) 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 110% of amount to BECIL in addition to the PBG.**

iv) 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.

v) 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.

vi) The decision to engage the successful bidder as Consortium Partner shall be taken by the Competent Authority of BECIL and accordingly the respective agreement shall be signed.

vii) Bidders are advised to go through the Scope of Work and terms & condition of the said DD tender no. 14(1)2025-26EI(P)TV to understand the requirement and challenges associated with locations prior to submitting their bids.

viii) The selected agency shall not subcontract, assign, or transfer any part of its obligations, duties, or responsibilities to any third party without the prior written consent of BECIL. Any attempt to do so shall be considered a material breach, leading to immediate termination without any liability on the part of BECIL.

SECTION-II

4.1 IMPORTANT DATES (SCHEDULE AND CRITICAL DATES)

S.N	ACTIVITY	SCHEDULED DATE & TIME
1.	EOI Number	<u>BECIL/PROJ/BT/PB/DISASTER RECOVERY CENTRE FOR DD/25-26</u>
2.	Date of Issue of EOI	12.02.2026
3.	Last date and Time for Submission of bids	16.02.2026 @ 11:00 AM
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.	RFP document Fee (Form Fee) (Non-Refundable)	INR 17,700/- (incl GST) Form Fees (non-transferrable & non-refundable) payable through online e-Portal
8.	EMD/ Bid Security	INR 4,41,12,000/- to be submitted with the bid. For detail refer clause 3.9
9.	Estimated Cost of the Tender	Rupees One Hundred Ten Crore Twenty Eight Lakhs Only (Rs. 1,10,28,00,000)
10.	Address for Communication of bids	BECIL Bhawan, C-56 / A -17, Sector - 62, Noida – 201307.
11.	Contact details for this EOI	Sh. Binay Kumar Tiwari, DGM Tele- 0120-4177850 Email- binaytiwari@becil.com

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 RFP document carefully. Submission of proposals shall be deemed to have been done after careful study and examination of the RFP 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 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
EOINOTICE & GENERAL TERMS AND CONDITION

5 **EOINOTICE**

5.1 Broadcast Engineering Consultants India Limited (BECIL) invites Expression of Interest (EOI), through online mode, for selection of a backend partner/consortium partner of BECIL, for collaborating with BECIL for participating in Tender No. 14(1)2025-26EI(P)TV dated 30 Oct 2025 Titled ‘SITC of Disaster Recovery Centre for DD Free Dish Platform at Hyderabad.’

5.2 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 an English translated document. The English version shall prevail in matters of interpretation. EOI Documents which are not legible shall be rejected.

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

5.4 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 Binay Tiwari, 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.

5.5 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.

5.6 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

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

5.8 The Bidders will have no right to withdraw from the EOI process post submission of their bid without the formal consent of BECIL.

5.9 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/ Consortium Partner/JV through this EOI, the final participation in the Prasar Bharati tender will be at the sole decision of BECIL. BECIL is not bound to participate in the Prasar Bharati tender and the selected bidder shall have no right in this regard.

5.11 For Consortium / Joint Venture:

5.11.1 In case of a Consortium/JV, Power of Attorney issued by Board of Directors/Chairman/CEO / MD / Company Secretary of the Consortium Lead Member as well as Consortium Member(s) of the Consortium/ partners of JV, in favour of the authorised employee(s) of the Consortium /Lead member of JV, for signing the documents on behalf of the Bidder, in respect of this particular tender, to sign the Bid and all subsequent communications, agreements, documents etc. pertaining to the tender and act and take any and all decisions on behalf of the Consortium/JV, are to be submitted.

5.11.2 The authorized employee(s) of the Bidder shall be signing the Bid and any consequence resulting due to such signing shall be binding on the Bidder.

5.11.3 Bids from Consortium/ JV of two members (**maximum 2 nos. Including Leader**) are acceptable provided that they jointly fulfill the qualification criteria and requirements stated in the Tender Documents. Participating Consortium/ JV shall submit the Agreement, clearly defining the scope and responsibility of each member. Members of consortium/ JV shall assume responsibility jointly & severally. The bid security shall be submitted by the Lead Bidder of the Consortium/ JV. In case of award, payment shall be made to the Lead Bidder of the Consortium/JV.

5.11.4 The Consortium/ JV Agreement must clearly define the Consortium Leader/ Lead Partner of JV, who shall be responsible on behalf of the Consortium/JV during the period of evaluation of the bid as well as during the execution and timely completion of all the contractual obligations and shall receive/send instructions for and on behalf of the Consortium/JV.

5.11.5 A Consortium/ JV once established at the time of submitting the Bid shall not be allowed to be altered with respect to constituting members of the Consortium/ JV or their respective roles/ scope of supply/work, except with prior written approval of Prasar Bharati. If during the evaluation of bids, a Consortium/JV propose any alteration/changes in the orientation of Consortium/JV or replacements or inclusions or exclusions of any partner(s)/ member(s) which had originally submitted the bid, bid from such Bidder shall be liable for rejection.

5.11.6 Any member of the Consortium/ JV shall not be eligible either in an individual capacity or be a part of any other Consortium/JV to participate in this tender. Further, no member of the Consortium/ JV should have been put on 'Holiday' or banned/ blacklisted by Prasar Bharati/ Government department/ Public Sector as on the due date of submission of bid. Offer submitted by such Consortium/ JV shall not be considered for opening/evaluation/Award.

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. In complete 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/ RFP through corrigendum till date of submission of bid in response of EOI.

6.10 Checklist of documents/information to be submitted	
(a)	Bidder Particulars as per format.
(b)	Certificate of Incorporation (for Company/LLP/Proprietorship)
(c)	Memorandum & Articles of Association/Partnership deed/Proprietorship declaration
(d)	Audited financial statements for the last 3 years i.e. FY 20 22-23; 2023-24, 2024-25
(e)	ITR Acknowledgment for last 3 years i.e. FY 20 22-23; 2023-24, 2024-25
(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)	Any other relevant registration documents on registration with other appropriate authorities (ESIC, EPFO, Labour deptt etc.)
(j)	Power of Attorney authorizing the person signing the bid for this EOI.
(k)	Undertaking in letter head to indemnify BECIL from any claims / penalties / statutory charges, liquidated damages, with legal expenses etc.
(l)	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 10 below.
(m)	All the requisite documents in the prescribed formats placed at Annexures to this EoI
(n)	Pre-Contract Integrity Pact as per Annexure-A
(o)	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.
(p)	Declaration regarding acceptance of Terms and conditions of EOI.

(q)	Undertaking for compliance with signing of Non-disclosure agreement as per clause 39 below.
(r)	Undertaking for payment of EMD/ Bid Security if selected or claiming EMD exemption under startup and MSME enclosing the relevant documents such as registration certificate with MSME & Startup in similar field/ work.
(s)	Undertaking regarding absence of Conflict of Interest as per clause 14 below
(t)	Consortium agreement in case where bidder is consortium defining lead member

5 **OPENING OF EOI**

7.1 The bids submitted against this EOI shall be opened **on 16.02.2026 @ 11:30 AM.** 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.

SECTION -III

GENERAL TERMS & CONDITIONS OF EOI

8. RELATIONSHIP BETWEEN THE PARTIES

Nothing contained herein, shall be construed as establishing a relation of master and servant or of Agent and Principal as between the Bidder/Agency and BECIL.

9. INTELLECTUAL PROPERTY RIGHTS:

- 9.1 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, must not be shared with third parties or reproduced, whether in whole or part, without BECIL's/ the procuring entity's prior written consent.
- 9.2 The Bidder shall, not later than upon termination or expiration of this Contract 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.
- 9.3 The Bidder shall not incorporate any materials, technology or any item or thing that involves the use of intellectual property rights or proprietary rights that the Bidder does not have the right to use or that may result in claims or suits against BECIL arising out of claims of infringement of any intellectual property rights or other proprietary rights.
- 9.4 The Bidder shall perform all acts necessary to obtain and continue to have all necessary licenses, approvals, consents of third parties free from any encumbrances and all necessary technology, hardware and software to enable it to perform its obligations under this Contract. If license agreements are necessary or appropriate between the Bidder and third parties for purposes of enabling, enforcing or implementing the provisions hereinabove, the Bidder shall be under an obligation to enter into such agreements at its own sole cost, expense and risk.

10 LAND AND BORDER PROVISION

- 10.1 The Undertaking at Annexure-K shall be submitted by the Bidder in line with the guidelines issued vide the Office Memorandum, No. F. No. 6/18/2019 dated 23.07.2020, by the Department of Expenditure, Ministry of Finance, Govt. of India.

11 INDEMNITY

- 11.1 The Bidder shall indemnify, save, hold harmless and defend BECIL and its officers, servants, employees and agents promptly upon demand and at its expense, from and against any and all suits, proceedings, actions, demands, losses, claims, damages, liabilities, costs (including reasonable attorney's fees and disbursements) and expenses (collectively, "Losses") to which

BECIL may become subject, insofar as such losses arise out of, in any way relate to, arise or result from:

- a) Deficiency in the Bidder's performance of its scope of service or breach of any of its obligations or scope of work.
- b) Actions by the Bidder that causes BECIL to be indirect or direct consequential, breach of the main contract.
- c) Any claims by employees, suppliers, creditors or other persons in a relationship with the Bidder.
- d) Any claims of infringement, misappropriation or otherwise by third parties in regard to the execution of the works.

12 CODE OF INTEGRITY

12.1 No official of BECIL or the Bidder shall act in contravention of the codes which includes Prohibition of:

- a) Offering of any bribe or undue gratification in any form to BECIL/Client or its officials, or indulging in any corrupt practices.
- b) Any omission, or misrepresentation that may mislead or attempt to mislead so that a financial or other benefit may be obtained, or any necessary obligation or pre-requisite may be avoided.
- c) Improper use of information provided by BECIL to the Bidder with an intent to gain an unfair advantage in the procurement process or for personal gain.
- d) Any financial or business transactions between the Bidder and any official of BECIL/Client related to tender or execution process of contract, which can affect the decision of BECIL directly or indirectly.
- e) Any coercion or any threat to impair or harm, directly or indirectly, any party or its property to influence the procurement process.
- f) Obstruction of any investigation or auditing of a procurement process.
- g) Making false declaration or providing false information for participation in a tender Process or to secure a contract.

13 CONFLICT OF INTEREST

Any Bidder having a conflict of interest, which substantially affects fair competition, shall not be eligible to bid in this tender. Bids found to have a conflict of interest shall be rejected as non-responsive. Bidder shall be required to declare the absence of such conflict of interest in Form of Declaration. A bidder in this Tender Process shall be considered to have a conflict of interest if the bidder:

- a) Directly or indirectly controls, is controlled by or is under common control with another Bidder; or
- b) Receives or have received any direct or indirect subsidy/ financial stake from another Bidder; or
- c) Has the same legal representative/ agent as another Bidder for purposes of this bid. A Principal can authorize only one agent, and an agent also should not represent or quote on behalf of more than one Principal. However, this shall not debar more than one Authorized distributor from quoting equipment manufactured by an Original Equipment Manufacturer (OEM), in procurements under Proprietary Article Certificate; or
- d) Has a relationship with another bidder, directly or through common third parties, that puts it in a position to have access to information about or influence the bid of another Bidder or influence the decisions of the Procuring Entity regarding this Tender process; or
- e) Participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of a non-bidder firm as a sub-contractor in more than one bid; or
- f) Would be providing goods, works, or non-consulting services resulting from or directly related to consulting services that it provided (or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm), for the procurement planning (inter-alia preparation of feasibility/ cost estimates/ Details Project Report (DPR), design/ technical specifications, terms of reference (ToR)/ Activity Schedule/ schedule of requirements or the Tender Document etc.)of this Tender process; or has a close business or family relationship with a staff of the Procuring Organization who:
 - (i) are directly or indirectly involved in the preparation of the Tender document or specifications of the Tender Process, and/or the evaluation of bids; or
 - (ii) would be involved in the implementation or supervision of resulting Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Procuring Entity throughout the Tender process and execution of the Contract.

14 UNDUE INFLUENCE

- a. The Agency/Bidder undertakes that it has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the BECIL/Client or otherwise in procuring the Contracts or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the present Contract or any other Contract with the Government of India for showing or forbearing to show favor or disfavor to any person in relation to the present Contract or any other Contract with the Government of India.
- b. Any breach of the aforesaid undertaking by the Agency/Bidder or any one employed by it or acting on its behalf (whether with or without the knowledge of the Agency) or the commission of any offers by the Agency or anyone employed by him or acting on his behalf, as defined in the Bharatiya Nyaya Sanhita, erstwhile known as the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1986 or any other Act enacted for the prevention of corruption

shall entitle BECIL to cancel the contract and all or any other contracts with the Agency and recover from the Agency the amount of any loss arising from such cancellation, from the present or from any other contract with BECIL.

15 UNLAWFUL/UNETHICAL PRACTICES

- 15.1 If the Contractor/ Bidder has engaged in corrupt, fraudulent, collusive and coercive practices or defaulted commitments under integrity.
- 15.2 Any intentional omission or misrepresentation in the documents submitted by the Bidder for the purpose of due diligence or for the execution of any act essential for the execution of the Project.
- 15.3 If the Bidder uses intimidation / threats or bring undue outside pressure on BECIL or any of its official for acceptance / performances of the deliverable/qualified work under the contract:

16 PENALTY FOR BREACH OF INTEGRITY, CONFLICT OF INTEREST, UNLAWFUL/UNETHICAL PRACTICES AND UNDUE INFLUENCE

- 16.1 Forfeiture of Bank guarantee or any other bond or bid security submitted by the Bidder.
- 16.2 Cancellation/ termination of the Contract with the liberty to recover the accrued losses/damages by the Bidder from the dues payable to the bidder in the present or any contract with BECIL, including imposition of penal damages.
- 16.3 Initiation of Arbitration /legal proceedings to recover losses or damages incurred by BECIL due to the violation of ethical practice or use of unlawful practices or use of undue influence by the Agency.

17 BLACKLISTING/ DEBARMENT

- 17.1 The Bidder/Contractor shall be debarred/blacklisted from bidding for the contract/tender floated by BECIL for a period of two years, for violation of the code of integrity, for undue influence as well as for the breach of any other terms and conditions of the tender as per the General Financial Rules 2017 and the Guidelines for debarment of firms from bidding issued by the Department of Expenditure, Ministry of Finance no. F1/20/2018 –PPD dated 02.11.2021.

18 RISK AND COST CLAUSE

- 18.1 In case of persistent breach/default of the terms and conditions of the Contract and due to abnormal delay (beyond the maximum late delivery in the Liquidated damages clause) in supplies, defective supplies or non-fulfilment of any of the terms and conditions of the RFP and the Work Order, BECIL may cancel the contract/Work Order in full or part thereof, and will procure supplies/equipment's or ensure the execution of work or any pending service in case of service contract from other willing vendor at the risk and cost of the Bidder.
- 18.2 Risk & Cost Clause, in line with Conditions of Contract may be invoked in any of the following

cases:

- 18.3 Bidder's poor progress of the work vis-à-vis execution timeline as stipulated in the Contract, backlog attributable to Bidder including unexecuted portion of work/ supply does not appear to be executable within balance available period.
- 18.4 Withdrawal from or abandonment of the work by Bidder before completion of the work as per contract.
- 18.5 Non completion of work/ Non-supply by the Bidder within scheduled completion/delivery period as per RFP or as extended from time to time, for the reason attributable to the Agency/ Bidder.
- 18.6 Termination of Contract on account of any other reason (s) attributable to Agency/ Bidder
- 18.7 Assignment, transfer, subletting of Contract by the Agency/Bidder without BECIL's written permission resulting in termination of Contract or part thereof by BECIL

19 PENALTIES

- 19.1 In the event of any penalties, deductions, disincentives, or charges levied by the Client due to poor or substandard quality of work, non-compliance with service standards, or any deficiencies related to the assigned scope of work, the same shall be recovered from the Bidder.
- 19.2 The Bidder shall bear the full financial responsibility for such penalties or deductions imposed on BECIL by the Client and will not be entitled to claim any reimbursement or adjustment for the same.

20 CONFIDENTIALITY

- a. The Bidder recognizes, accepts and agrees that disclosure of Confidential information to the Staff shall be only on a need-to-know basis and only those staff who are involved in rendering the services and need to have access would alone be informed of Confidential information.
- b. The Bidder recognizes, accepts and agrees that all tangible and intangible information obtained or disclosed to the Bidder's and/or its staff, including all details, documents, data, business/ customer information and the BECIL 's practices and trade secrets (all of which are hereinafter collectively referred to as "confidential information") which may be communicated to the Bidder 's and/or its facility staff may be privy under or pursuant to this Contract and/or in the course of performance of the Bidder 's obligations under this Contract shall be treated, as absolutely confidential and the Bidder irrevocably agrees and undertakes and ensures that all its facility staff shall keep the same as secret and confidential and shall not disclose the same at all in whole or part to any Person or persons (including legal entities) an any time or use nor shall allow information to be used for any purpose other than that as may be necessary for the due performance of the Bidder's obligations hereunder except when required to disclose under the due process and authority of law.

21 RIGHT TO INSPECTION

- a. That BECIL and its field officers or its Auditors, shall have the right to carry out inspection checks and tests, and do audit of the Bidder's premises, personnel and records relating to the project in order to ensure there is no compromise on the quality of goods/services provided by the Bidder to the BECIL and its Client. The BECIL has a right to review and monitor the security practices and control procedures adopted by the Bidder. The Bidder shall produce and make available all such books, records, information, etc., related to project work for the purpose of Inspection/ audit as and when required.
- b. That BECIL shall have the right to review and monitor the performance of the Bidders on a continuous basis system integrator shall furnish necessary particulars, statements, etc., as desired by the BECIL in a periodical manner for the purpose of assessment of their performance.

22 TERMINATIONS

a. Termination of Contract by BECIL due to unsatisfactory performance

- a) If the Bidder refuses or fails to execute the specified quantum of work or any separate part thereof with diligence or ensure its completion within the time specified in the RFP, or subsequent work order issued thereto, then it shall be open to BECIL at its option by written notice to the Agency/Bidder to:
 - b) To terminate the contract without prejudice to any other remedy available under the Contract. That a notice of cure, highlighting the deficiency or problem shall be served on the Agency /Bidder by BECIL, with an opportunity to cure the same within a period of 15 days. That on the non-resolution of deficiency, a notice of termination shall be served on the Agency/Bidder and the Contract shall be deemed terminated after a period of 15 days from the date of notice of termination.

b. Termination due to Breach

- a) BECIL may, without prejudice to any other remedy available for the breach of contract, may terminate the contract in sub-sequence to non-resolution of deficiency after the service of a notice of cure with a window period of fifteen days. After the end of the cure period, a 15 (fifteen) days' notice shall be served on the Agency/ Bidder, and the contracts shall be deemed terminated after the end of the period of fifteen days from the date of notice of termination.
- b) The following sub-clauses shall attract the provision of termination, on the occurrence of the following events -:
 - (i) If the Bidder has abandoned or repudiated the Contract;
 - (ii) If the Bidder has without valid reason failed to commence work on the project promptly;
 - (iii) If the Bidder has persistently failed to execute the works/express deliverable in accordance with the Contract or persistently neglects to carry out its obligations under the Contract

without just cause;

- (iv) If the Bidder defaults in proceeding with the works/job with due diligence and continues to do so after a notice in writing of fifteen (15) days from BECIL;
- (v) If the Bidder has obtained the contract as a result of undue influence or adopted unethical means/ corrupt practices.
- (vi) if the information submitted/furnished by the Bidder is found to be incorrect;

c. Termination due to Insolvency

- a) If the Agency/Bidder dissolves or become bankrupt or insolvent or cause or suffer any receiver to be appointed for its business of any assets thereof compound with his Creditors, or being a corporation commence to be wound up, not being a member's voluntary winding up for the purpose of amalgamation or reconstruction, or carry on its business under a Receiver for the benefits of its Creditors any of them, then BECIL shall be at liberty :-
- b) To terminate the contract forthwith upon coming to know of the happening of any such event as aforesaid by a fifteen day notice in writing to the Agency/Bidder or to give the Receiver or liquidator or other person, the option of carrying out the contract subject to its providing a guarantee upto an amount to be agreed upon by BECIL for due and faithful performance of the contract.

d. Termination for Convenience

BECIL can terminate the Agreement by serving a 30 day notice without assigning any cause or reason to the Bidder/ selected agency. The contract shall be deemed terminated after a period of 30 days from the date of termination notice.

23 POST TERMINATION RESPONSIBILITY

- 23.1 In all cases of termination herein set forth, the obligations of BECIL to pay shall be limited to the period upto the date of termination, subject to the receipt of such payment from the Client.
- 23.2 That any pending bills raised by the Bidder, prior to or post the termination of the Contract on account of the breach of the terms and conditions of the contract, shall be put on hold, till the time, the corresponding payment is received from the Client and any amount deducted by the Client against the bills raised by BECIL shall be consequently deducted from the bills raised by the Bidder respectively.
- 23.3 The Bidder shall forthwith stop any of its work then in progress, except such work as BECIL may, in writing, require to be executed at the designated site/premises.
- 23.4 That in the event of termination under clause 17.1 and 17.2 the whole or part of the performance security furnished by the Agency/Bidder is liable to be forfeited without prejudice to the right of BECIL to recover from the Agency/Bidder any accruing or incurred losses or damages, on account of termination of contract due to unsatisfactory performance/ delay in execution of work.

24 NOTICES

- 24.1 Any notice, invoice, approval, advice, report or notification in connection with this Contract shall be in writing and any notice or other written communication pursuant hereto shall be signed by the party issuing the same and shall be addressed to the BECIL or the Bidder and may be given by delivering the same by hand or sending the same-by prepaid registered mail, official e-mail or facsimile to the relevant address forth below or such other address as each Party may notify in writing to the ether Party from time to time. Any such notice given as aforesaid shall be deemed to be served or received at the time upon delivery (if delivered by hand) or upon actual receipt (if given official e-mail or facsimile) or Fifteen (15) clear days after posting (if sent by post) at the Party's principal or registered office address as set out below:

**Mr. Binay Kumar Tiwari, DGM, BECIL
Broadcast Engineering Consultants India
Ltd,
C-56/ A-17, Sector-62, Noida-201307, U.P., India.
Email: binaytiwari@becil.com**

25 NO WAIVER

- 25.1 No waiver of any term, provision, or condition of this Contract, whether by conduct or otherwise, in any one or more instances, will be deemed to be or be construed as a further or continuing waiver of any such term, provision, or condition or as a waiver of any other term, provision, or condition of this Contract, unless the same is agreed upon and recorded in writing with mutual consensus of both the parties.

26 AMENDMENT:

- 26.1 Unless otherwise stated expressly, this Contract shall be modified only by an instrument in writing duly executed by both the parties.

27 ARBITRATION

27.1 Conciliation of Dispute

- a. Any dispute(s) /difference(s)/issue(s) of any kind whatsoever between/amongst the Parties arising under/out of/in connection with this contract shall be settled mutually and amicably between the Parties, within a time span of **thirty days** from the date of invocation of dispute vide a written notice by the Aggrieved party. The Aggrieved Party shall notify the other party in writing about such dispute(s)/difference(s)/issue(s) between/amongst the Parties and that such a Party wishes to refer the dispute(s)/ difference(s)/issue(s) to Conciliation. Such Notice/Invitation for Conciliation shall contain sufficient information as to the dispute(s)/ difference(s)/issue(s) to enable the other Party to be fully informed as to the nature of the dispute(s)/ difference(s)/issue(s), as well as the amount of monetary claim.
- b. That in the event of reference of dispute for Conciliation, a committee comprising of two members, nominated by each party i.e. the Bidder and BECIL respectively shall try to amicably resolve/settle the dispute.

27.2 Reference of Dispute to Arbitration proceeding post conciliation

- a) In the event of failure in mutual resolution of the issue, any dispute(s)/ controversy(s)/ issue(s) arising out of or in connection with the contract, including any question regarding its existence or validity shall be referred to and finally resolved by Arbitration administered by the Delhi International Arbitration Centre as per the Delhi International Arbitration Centre proceeding Rules 2023.
- b) The Aggrieved party wishing to refer a dispute to Arbitration shall give a notice to the Defaulting Party specifying all the points of dispute(s) with details of corresponding the claim amount.
- c) The Arbitration Proceeding shall commence within a span of **thirty days** from the date of receipt of Invocation Notice complete in all respects as mentioned above,
- d) The dispute(s)/ difference(s)/controversy(s) shall be adjudicated by a single/sole Arbitrator empaneled with the Delhi International Arbitration Centre.
- e) The seat of Arbitrations shall be at New Delhi and the Arbitration proceeding shall be conducted in English.
- f) The award of Sole Arbitrator shall be final and binding on the parties and unless directed/awarded otherwise by the Sole Arbitrator, the cost of arbitration proceedings shall be shared equally by both the parties.
- g) The provision of the Arbitration and Conciliation Act, 1996 as amended and applicable from time to time shall apply to the Arbitration proceedings under this Contract.
- h) That any claim of damage(s) or losse(s) incurred by BECIL as a consequence of the invocation of the litigation/arbitration proceeding owing to the suspension or abandonment of work by the Bidder/Agency shall be reimbursed by the Bidder/Agency.
- i) That if BECIL considers that a dispute under this contract, involves an issue that is related to a dispute under the main contract, then in that event, the Bidder shall assist the main contract, then in that event, the Bidder during the course of arbitration/legal proceedings emanating from the main contract. Then in that event of initiation of arbitration/legal proceeding , under the main contract , no dispute tied directly to the main contract shall be concurrently referred by the Bidder

28 JURISDICTION

- 28.1 This Agreement, and any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with it or its subject matter or formation, shall be governed by, and construed in accordance with, the laws of India. The Courts at Delhi shall have the exclusive jurisdiction to entertain any matter arising out of or in relation to this Contract.

29 Force Majeure

- 29.1 For the purpose of this Contract, the term “Force Majeure” shall mean an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable and not brought about by or at the instance of the Party claiming to be affected by such events and which has caused the non-performance or delay in performance ,and which makes a Party’s performance of its obligations hereunder impossible or impractical as reasonable to be considered impossible in the circumstance, inclusive of but not limited to war, riots, civil disorder, earthquake, fire, strikes, lockouts or other industrial action (except where such strikes lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent) , confiscation or nay other action by the Government Agencies.

29.2 Force Majeure shall not include (i) any event which is the caused by the negligence or intentional action of a Party or by of such Party's agents or employees, nor (ii) any event which a diligent party could reasonably have been expected both to take into account at the time of the acceptance of the work order under this RFP, and avoid or overcome with persistent effort in carrying out its respective obligations.

29.3 In the case of failure to perform this Agreement due to any force majeure, neither party shall be liable for such failure, and this Agreement shall be terminated automatically, if the persistence of such force majeure event continues for more than three months. In the case of failure to perform any part of this Agreement due to any force majeure, the party suffering from such force majeure may be exempted from corresponding liability to the extent of the impact of such force majeure. However, such party shall continue to perform other obligations under this Agreement which have not been affected by such force majeure.

30 SUBCONTRACTING

30.1 The Bidder shall not subcontract the entire or any portion of the work to be performed by it, without the prior written consent of BECIL.

31 EXTENSION OF TIME

31.1 It is hereby agreed that BECIL shall by mutual agreement update and extend the timeline/ milestone for the completion of work after discussion with the Client and its officials.

31.2 Any period within which Bidder is unable to complete the work or perform its obligations due to persistence of force majeure event, shall be extended for a period equal to the time during which the Bidder was unable to perform such action.

31.3 Any extension of time agreed upon mutually shall be documented in writing and signed by both the parties to be affected.

32 ASSIGNMENT:

32.1 All terms and provisions of this RFP and subsequent Contract/ Agreement / work order with the successful Bidder shall be binding on both the parties and their respective successors and permitted assigns.

32.2 Subject to clause mentioned above, the selected Agency shall not be permitted to assign its rights and obligations, under the Contract/ Agreement / work order, to any third party.

32.3 BECIL may assign or novate all or any part of the Contract/ Agreement / work order and the Agency shall be a party to such novation, to any third party contracted to provide outsourced services to BECIL or any of its nominees.

33 COMPLIANCE WITH APPLICABLE LAW:

Each Party to the Contract/ Agreement / work order accepts that its individual conduct shall (to the extent applicable to it) always comply with all laws, rules and regulations of government and other bodies having jurisdiction over the area in which the Services are undertaken. In case of changes in such laws, rules and regulations which result in a change to the Services, shall be dealt with as an exceptional situation with the objective to realign the part getting violated under the revised laws with minimal changes to achieve the objective existent prior to the change. For avoidance of doubt, the obligations of the Parties to the Contract are subject to their respective compliance with all local, state, national, supra-national, foreign and international laws and regulations.

34 SEVERABILITY:

34.1 If any provision of the Contract/ Agreement / work order, or any part thereof, shall be found by any court or administrative body of competent jurisdiction to be illegal, invalid or unenforceable; the illegality, invalidity or un-enforceability of such provision or part provision shall not affect the other provisions of the Contract/ Agreement / work order or the remainder of the provisions in question which shall remain in full force and effect. The concerned Parties shall negotiate in good faith to agree to substitute for any illegal, invalid or unenforceable provision with a valid and enforceable provision which achieves to the greatest extent possible the economic, social, legal and commercial objectives of the illegal, invalid or unenforceable provision or part provision.

35 ENTIRE CONTRACT:

35.1 The Contract/ Agreement / work order with all Appendices and Schedules appended thereto, contents and scope/ specifications of the RFP, all the corrigendum's, response to queries etc. that may be issued against this RFP and the Bidder's offer including presentation and all supporting documents shall constitute the entire Contract/ Agreement / work order between the Parties with respect to their subject matter, and as to all other representations, understandings or agreements which are not fully expressed herein, provided that nothing in this clause shall be interpreted so as to exclude any liability in respect of fraudulent misrepresentation.

36 LIQUIDATED DAMAGES

36.1 If the Bidder fails to achieve the completion of the work in accordance with the scheduled completion date as given in the Contract or the subsequent Work Order issued thereto, BECIL may without prejudice to any other right or remedy available to it as under the Contract or Law:

36.2 In case of any liquidated damages imposed on BECIL by the Client, BECIL shall pass on the entire quantum of liquidated damages to the bidder/ selected agency on back to back basis.

36.3 The amount towards Liquidated Damages shall become leviable from the scheduled completion date or from the expiry of the extension, if any, given by BECIL without the levy of Liquidated damages.

36.4 BECIL may without prejudice to its right to effect recovery by any other method, deduct the amount of Liquidated Damages from any money belonging to the Bidder which has become due

or payable (which shall also include BECIL's right to claim such amount against Bidder's Bank Guarantee) from this Contract or any other contract with BECIL.

36.5 Any such recovery of Liquidated Damages shall not in any way relieve the Bidder from any of its obligations to complete the works or from any other of its other obligation and liabilities under the Contract.

37 POWER OF ATTORNEY

Duly filled Technical Bid with proper seal and signature of authorized person on each page of the bid submitted. The person signing the bid should be the duly authorized representative of the firm/ company whose signature should be verified and certificate of authority should be submitted. The power of attorney or authorization or any other document consisting of adequate proof of the ability of the signatory to bind the firm/ company should be annexed to the bid.

38. SIGNING OF NON-DISCLOSURE AGREEMENT

Except with the written consent of the Buyer, the bidder shall not disclose the contract or any provision, specification, plan, design, pattern, sample or information thereof to any third party.

Bidders interested to participate in this RFP, shall have to sign a NON-DISCLOSURE AGREEMENT with BECIL on a non-judicial stamp-paper of Rs. 100. Participation without undertaking for compliance to above shall be invalid and such bids shall not be considered by BECIL.

39. MSME

39.1. The Bidder acknowledges and confirms that BECIL shall be liable to make payments only upon receipt of corresponding payments from the Principal Employer/client. Accordingly, the Bidder shall not raise any claims, demands, interest, compensation, or initiate any legal proceedings against BECIL for any delay in payment arising out of delayed release of funds by the Principal Employer/client.

39.2. Since the payment is agreed to be on back-to-back basis upon receipt by BECIL from the Client, the Bidder agrees to waive any rights under the Micro, Small and Medium Enterprises Development Act, 2006 (MSMED Act) or any similar legislation or regulation, to the extent such rights conflict with the agreed payment terms under the Bidder Agreement. The Bidder further waives its right to claim Interest on delayed payment by BECIL, under the Micro, Small and Medium Enterprises Development Act, 2006 (MSMED Act) or any similar legislation or regulation for the time being in force in India.

39.3. The bidder to give the undertaking as per Annexure – M, on a non-judicial stamp-paper of Rs. 100.

40. SPECIAL TERMS AND CONDITIONS

40.1 Compliance with labour law

The Bidder shall be responsible for fulfilling all his obligations towards the person(s) deployed under the labour laws namely Industrial Disputes Act, Minimum Wages Act, Workmen Compensation Act, the Contract Labour (Regulation and Abolition) Act, EPF Act, Payment of Wages Act, ESI Act, Bonus Act, Maternity Benefits Act, Earned Leave, Shops & Establishments Act, Factories Act, or other labour rule, regulation applicable and amended from time to time. ESI & EPF registration certificate to be uploaded with bid documents without fail.

40.2 Insurance

The Bidder, within the Contract price shall arrange, secure and maintain during execution of the Contract, insurance as may be necessary or required by law for purpose of this Contract and for all such amounts to protect the interest of BECIL against all risks as detailed herein. The Bidder shall deposit copy of Insurance Policy/Policies along with copies of Receipts for premium to the Employer within 15 (fifteen) days of mobilisation at site or such other lesser time as is necessitated by the work, failing which BECIL shall have the right to take out Insurance covers at Bidder's expenses and deduct the amount of such premium paid/ to be paid from any money due or becoming due to the Bidder, without prejudice to any other rights of the Employer.

40.3 Payment

All vendor payments shall be released only after certification/receipt of the work Completion from Prasar Bharati.

40.4 Guarantee and warranty

The Guarantee/Warranty covering materials and workmanship, along with After-Sales Service Support, shall be as per the Prasar Bharati, Doordarshan tender document and its subsequent amendments.

SECTION –IV
SCOPE OF WORKS

41. SCOPE OF WORK/SCHEDULE OF REQUIREMENTS

41.1 For detailed scope of work of the project & the Bill of Material, the bidders may refer the Client's Tender document, and its 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's Tender Reference No.: 14(1)2025-26EI(P)TV dated 30 Oct. 2025 Titled 'SITC of Disaster Recovery Centre for DD FreeDish Platform at Hyderabad'

Website: <http://prasarbharati.eproc.in>, <https://prasarbharati.gov.in/>, <http://www.eprocure.gov.in>

41.2 All the Scope of work and relevant General Condition as well as special condition of the client tender shall be applicable to the selected bidder on back to back basis and the same shall be part of the agreement signed between BECIL and selected bidder.

SECTION-V

42. ELIGIBILITY CRITERIA AND EVALUATION

S.No.	Eligibility Criteria	Documents to be submitted
1	<p>1.1 The Bidder shall be Company incorporated /registered in India under Companies Act 1956/ 2013 or a Partnership firm / LLP registered in India under Partnership Act 1932/2008 as amendment and should have been in operations in India in the last 3 Years,</p> <p>1.2 The Bidder should be in existence of at least 5 completed years.</p> <p>1.3 The Bidder should have valid ISO 9001:2008/ISO 9001:2015/ ISO 27001 (relevant certification based on type of work) valid as on bid submission.</p>	<p>a. RoC certificate in case of Company.</p> <p>b. Partnership Deed in case of Partnership Firm.</p> <p>c. Self-Declaration on Letter head with PAN&GST numbers in case of Proprietary Firm.</p> <p>d. Memorandum and Article of Association</p> <p>e. Other relevant documents in case of company and Partnership firm indicating details of Director/ Partner</p> <p>f. The bidder shall have the registration with ESIC.</p> <p>g. Self-attested copy of the ISO certificate is required to be submitted along with the bid</p> <p>h. In case of consortium bidder, the documents of both the members are to be submitted.</p>
2	<p>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.</p>	<p>Certificate by the CA issued in Current Financial Year.</p>
3	<p>The Bidder should not be blacklisted/ debarred/ banned/ restricted by any Union Govt./State Govt./ PSU as on date of submission of the Bid.</p>	<p>“Self-declaration for blacklisting as per the given annexure” duly signed by authorized signatory signing the bid, should be submitted.</p>
4	<p>Average Annual turnover in the last 03 financial years should be at least ₹73.52 Cr.</p> <p style="text-align: center;">Or</p> <p>Cumulative Turnover in the last 03 financial years should be at least ₹220.56 Cr</p> <p style="text-align: center;">Or</p> <p>Average Annual Net Worth of minimum in the last 03 financial years at least ₹18.38 Cr</p> <p style="text-align: center;">Or</p> <p>Cumulative Net Worth of minimum of in the last 03 financial years at least ₹55.14 Cr</p> <p>Profitable / positive net worth in each of the last three (3) financial years.</p>	<p>a. Certificate by the CA as per Annexure D.</p> <p>b. Audited financial statements of last three financial years.</p> <p>c. ITR Acknowledgment last three financial years.</p> <p>d. The bidder has to submit Annual Turnover Certificate for the last 3 years issued & certified by statutory Auditor or Cost Auditor (in the case of companies) or Participating Cost Accountant/Practicing Chartered Accountant (in respect of suppliers other than Companies) with Unique Document Identification Number (UDIN).</p> <p>Note: All supporting certificates submitted by bidders must be issued subsequent to</p>

	<p>NOTE: For the purpose of this criterion, standalone turnover of only the bidding entity will be considered. Turnover of any parent, subsidiary, associated or other related entity will not be considered.</p>	<p>the EOI publication date.</p>
5	<p>The bidder shall maintain a positive net worth as per the audited financial results for all three (3) financial years ending 31 March 2025</p> <p>The Bidders shall be required to submit an Annual Turnover Certificate for the last three (3) years.</p>	<p>Certified by a Statutory Auditor (for companies) or a practicing Chartered Accountant (for non-corporate entities), including a Unique Document Identification Number (UDIN).</p> <p>Note: All supporting certificates submitted by bidders must be issued subsequent to the EOI publication date.</p>
6	<p>Bidder must have the solvency / credit facility / financial capability from the bank for minimum value of ₹27.57 Cr</p>	<p>Certificate/ Sanction letter from the Bank in the current F.Y 2025-26.</p>
7	<p>Work Experience (Self -certified with relevant documents)</p> <p>Either One Complete work of Value greater than: INR.30 Cr. Or Two Complete work of Value greater than: INR. 25 Cr. Or Three Complete work of Value greater than: INR 15 Cr.</p> <p>The bidder should have experience having a setup a complete DTH system in India consisting of Uplink, Downlink, Compression, Monitoring & RF system.</p> <p>Note: The above experience shall be considered if executed for Government Departments, Autonomous Bodies, Public Sector Undertakings (PSUs), or reputed Private Sector organizations.</p> <p>In case of a Consortium, it is provided that the Consortium members jointly fulfill the qualification criteria and other requirements as stated in the Tender Documents.</p>	<p>Bidder to submit following document in support of work experience:</p> <p>i) Copy of detailed Purchase Order/Work Order/Agreement along with Schedule of Rates and its Completion Certificate/ Execution Certificate / Client Certificate issued by end user /owner (or their consultant who has been duly authorized by them to issue such certificate) must be submitted along with the bid.</p> <p>ii) Copy of execution proof(s) clearly establishing cross reference with above Work Order/Agreement (s).</p>
8	<p>The bidder must have a valid DPL (Dealer Possession License) issued by the WPS (Wireless Planning & Co-Ordination Wing)</p>	

9	All Annexure and Undertakings/ information requested by client in tender document should be submitted to BECIL on back to back basis.	Relevant annexures as per bidder eligibility to be provided as per original tender.
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43. PRELIMINARY EVALUATION

41.1 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.

41.2 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.

41.3 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.

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

44. EVALUATION PROCESS

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

44.2 The bidder'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 bidders are required to submit all required documentation as per evaluation criteria specified in EOI.

44.3 Upon verification, evaluation/ assessment, if in case any information furnished by the bidder is found to be 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 EOI/tenders.

44.4 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 will be liable to be disqualified at BECIL's discretion.

44.4.1 Evaluation of proposals shall be based on:

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

44.4.3 Experience and Assessment of the capability of the bidders based on past record.

44.5 BECIL reserves the right to seek any clarifications on the already submitted bid documents. BECIL also reserves the right to cross verify the information with any agency.

44.6 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.

44.7 Even though bidder satisfy the necessary requirements they are subject to disqualification if they have:

44.7.1 Made untrue or false representation in the form, statements required in the EOI document.

44.7.2 Records of poor performance such as abandoning work, not properly completing contract, financial failures or delayed completion.

44.8 The Financial Evaluation of the Bidders will be done only for those who qualify the Eligibility Criteria and other mentioned criteria of the EoI.

45. FINANCIAL EVALUATION:

45.1 Bidders are advised to quote the lump sum amount of the BOQ as per the Price bid format provided. The successful bidder will be determined based on the Lowest offered rates ranked as L-1, where L1 indicates the Lowest price offered to BECIL as per price format

45.2 L1 bidder may be called for further negotiations, if required.

45.3 A Pre-Bid agreement shall be signed by BECIL with the successful declared L1 bidder.

45.4 The final price quoted in the end client's tender will include the BECIL margin, as determined by BECIL.

45.5 The selected agency will not be allowed to increase the price quoted to BECIL during the final tender submission.

SECTION –VI
ENCLOSURES 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 may 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 non-binding 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

**Annexure-B (BANK MANDATE
FORM)**

यूनियन बैंक  **Union Bank**
of India



(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: UBININBNDL
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	UBININBNDL
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)
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	2022-23			
2	2023-24			
3	2024-25			
	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 <120> 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						

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**,

Executed

Accepted

Witnesses _

LAND BORDER DECLARATION CERTIFICATE

Restrictions on procurement from Bidders from a country or countries, or a class of countries under Rule 144(xi) of the General Financial Rules 2017.

EOI Document No: **Date:**

Bidder's Name, Address & contact details:

..... **Bidder's Reference No.**

..... **Date:**

Restrictions on procurement from Bidders from a country or countries, or a class of countries under Rule 144(xi) of the General Financial Rules 2017.

I/We certify that this Bidder is not from such a country or if from such a country has been registered with the Competent authority. I hereby certify that this bidder fulfills all requirements in this regard

I/We certify that this Bidder is not from such a country or if from such a country has been registered with the competent authority and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered.

Penalties for false or misleading declarations:

We hereby confirm that the particulars given above are factually correct and nothing is concealed and also undertake to advise any future changes to the above details. We understood that any wrong or misleading self-declaration by us would be violation of Code of integrity and would attract penalties as mentioned in this tender document, including debarment.

(Signature with date)

(Name and designation)

Duly authorized to sign Bid for and on behalf of

(Name & address of the Bidder and Seal of Company)

Consortium Agreement
(On Rs. 100 Non-Judicial Stamp Paper duly notarized by the Notary Public)

In compliance to **Clause No..... of Tender/EOI No.dated** , a consortium has been formed on **<Date>** between **<Bidder's Name>** and **<Consortium partner names>** to meet various eligibility conditions and experience criteria specified in the said Tender/EOI.

It has been agreed among bidder and the consortium partner that **<Bidder's Name>** is designated to submit the Bid on behalf of this consortium and henceforth called as Bidder. **“Lead Bidder”** and the **“Bidder”** have been used interchangeably. It is also confirmed that all the members of the said consortium meet the eligibility conditions as specified in the above referred tender/EOI and have authorised the **“Lead bidder”** by way of duly executed power of attorney in his favour to act on their behalf.

It has been agreed that the Lead bidder shall furnish Performance Bank Guarantees (PBGs) for Work order (WO).

It has also been agreed that the in its capacity as lead Bidder, **<Bidder's Name>** will interact with BECIL for all obligations including signing the agreements and commercial transactions.

The Lead bidder and consortium partner shall be liable for due performance of the contract jointly and severally.

The broad roles and responsibility of both the parties shall be as below:

1. **<Lead Bidder's Name>**

- a.
- b
- .
- c
- ...
- ...

2. **<Consortium partner's Name>**

- a.
- b
- .
- c
- ...
- ...

The details of Bidder and consortium partners are as under: -

<Bidder Name>: - **<Details containing Registered office & correspondence address>**
<Consortium Partner >: - **<Details containing Registered office & correspondence. address>**

IN WITNESS WHEREOF the parties have caused this AGREEMENT to be executed by their duly authorised officers as of the day first above written

For < <i>Bidder's Name</i> > Signature of Authorised Signatory Name: - Designation: -	For< <i>Consortium Partner</i> > Signature of Authorised Signatory Name: - Designation: -
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Contact Phone: - Email-ID: - Date: - Witness-1 Signature: - Name: - Designation: - Contact Phone: - Email-ID: - Date:	Contact Phone: - Email-ID: - Date: - Witness-1 Signature: - Name: - Designation: - Contact Phone: - Email-ID: - Date:
--	--

(Annexure- M)

POWER OF ATTORNEY (FOR
CONSORTIUM) ON RS. 100 STAMP
PAPER (NOTARIZED)

WHEREAS, M/s Broadcast Engineering Consultants India Limited is **Mini Ratna**, Public Sector Enterprise, falling under the purview of the Ministry of Information and Broadcasting under the Government of India having its Registered Office at 56-A/17, Block-C, Sector-62, Noida -201301 (U.P.) and Head Office at 14-B IP Estate Ring Road, New Delhi -110002 and Corporate office at

That M/s BECIL floated a tender document numbered Ref. No. dated
for the

WHEREAS M/s., and
M/s.

..... **[Insert names of all Members of Consortium]**, the members of the Consortium are desirous of submitting a Bid in response to the Tender No., **dated** , if selected, undertaking the responsibility of implementing the Project as per the terms of the Tender;

WHEREAS the Consortium Members have agreed under the Consortium Agreement dated
(*The date of "Consortium Agreement"*), entered into between M/s and submitted along with the Bid to appoint M/s as the Lead Consortium Member to represent the Consortium for all matters regarding the Tender and the Bid;

AND WHEREAS pursuant to the terms of the Tender and the Consortium Agreement, we, the Members of the Consortium hereby designate M/s as the **Lead Consortium Member** to represent us in all matters regarding the Bid and the Tender, in the manner stated below:

Know all men by these presents, we do hereby constitute, appoint and authorize M/s *[Insert name and registered office address of the Lead Consortium Member]*, which is one of the Members of the Consortium, to act as the Lead Member and our true and lawful attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to submission of Consortium's Bid in response to the Tender issued by M/s Broadcast Engineering Consultants India Limited including signing and submission of the Bid and all documents related to the Bid as specified in the Tender document, including but not limited to undertakings, letters, certificates, acceptances, clarifications, guarantees or any other document, which M/s Broadcast Engineering Consultants India Limited may require us to submit.

The aforesaid attorney shall be further authorized for making representations to M/s Broadcast Engineering Consultants India Limited and providing information/ responses to it and representing us and the Consortium in all matters before That M/s Broadcast Engineering Consultants India Limited named in the Tender, and generally dealing with all the matters in connection with the tender till completion of the bidding process as well as implementation of the Project, if applicable, in accordance with the Tender.

We, as Members of the Consortium, hereby agree to ratify all acts, deeds and things done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall be binding on us and shall always be deemed to have been done by us.

All the terms used herein but not defined shall have the meaning ascribed to such terms under the Tender.

Insert the name of the executant Consortium Members] through the hand of Mr./ Ms. duly authorized by the Board to issue such Power of Attorney.

Accepted

[Signature of Lead Consortium as Attorney]

.....
..... **[Signature of Authorized Representative as Executant] [Name of Authorized Representative]**
[Designation of Authorized Representative]

.....
[Signature of Other Consortium Member]
[Signature of Authorized Representative as Executant, of other Consortium Member] [Name of Authorized Representative]
[Designation of Authorized Representative]

Witness

1.
2.

Attested: [Signature]

Date:

.....
..... **(Notary Public)**

Place:

PRICE BID FORMAT

SELECTION OF CONSORTIUM FOR SURVEY, DESIGN, ENGINEERING, SUPPLY,INSTALLATION, TESTING & COMMISSIONING OF CCTV SYSTEM AT GAIL JLPL ON BUYBACK BASIS INCLUDING THREE YEARS COMPREHENSIVE WARRANTY(TURNKEY BASIS)

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/ UTGST/ IGST
		Total Qty.	Units (Nos./Sets/ Lots/Jobs)		
A	INPUT AND BASE BAND SYSTEM				
1	RF signal in L band frequency Optic Fiber Transmitter-Receiver System consisting of:				
a	Optic Transmitter -Outdoor fiber optic transmitter for RF signal in the satellite L-Band frequency range, IP65 weatherproof, packaged in a compact, standalone enclosure. Suitable for mounting/ house in Outdoor Unit mounted on or near the satellite dish antenna structure. (Each Set consist of Min.5 modules of single channel Optical Transmitter i.e. (4 Modules mains + 1 Modules as a Cold standby) per Set.	5	Set		
b	Outdoor Unit- Compact IP65 weather proof enclosure/Outdoor Unit which can house up to 6 No. active Optic fiber transmitter modules, alongwith required accessories with mounting brackets to be conveniently mounted directly on	5	Sets		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
	or near the antenna structure.				
c	Power supply unit - Each set feed min. six RF fiber optic transmitters located in outdoor (100m min. from the power supply Unit) including DC power for upstream LNBS, consisting dual, isolated, redundant DC power supplies and provides min. eight outputs on F-Type connectors. This power supply Units should be housed in Compact enclosure and will be kept in compression Room.	5	Sets		
d	Min. 1 Sqmm, Min. 12 core (multiple colour) Shielded Armoured outdoor type DC power Cable (min 100 Meter) as per site requirement, with suitable connectors at both ends on each core, for feeding DC power supply from indoor Power supply Unit to Outdoor fiber optic transmitter installed near Rx antenna.	5	Sets		
e	Optic Receiver -Single mode, single channel Optical Receiver to L band module for 10 Independent signal per set. Each Set consist of Min.12 modules of single channel Optical Receiver i.e. (10 Modules mains + 2 Modules as a Cold standby) per Set.	2	Set		
f	Frame contoller card for Remote Configuration and Monitoring of signal	2	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
g	19" Rack Frame/ Chassis with hot swappable dual Redundant power supply unit and Rack mounting Kit for mounting of L band Optical Fiber Receiver Module alongwith required accessories.	2	Set		
h	Each set of Fiber Management system consist of- i- Min 12 Port Fiber Management system for Optic Receiver (19" rack mounted) with optical wiring for connecting the optical Receivers and standard accessories - 1 No. ii- optical Patch Cards- 6 Nos ,	5	Set		
i	Min 12 Port, F type Female L band Patch panels with 19 " Rack mounting kit. L Band Patch Panel will be mounted at the input side of (64x320) L band Roter	6	Set		
j	Min 12 Port, F type Female L band Patch panels with 19 " Rack mounting kit. (42 Set will be mountes as :- 2 Nos L Band Patch Panels will be mounted in each IRD Rack (Expecting 16 TV IRDs in one rack and 16 Nos of such Racks for TV IRDs) so total 2x16=32+ Expecting 18 Radio IRDs in one rack and 4 Nos of such Racks for Radio IRDs) so total 2x4 Patch Panels for IRDs 2 Nos L Band Patch Panel will be mounted in Monitoring Racks. Therefore 32+8+2=42 Patch Panel Sets)	42	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
k	Provision of 12 Core , single mode, Outdoor type, optical Fibre cable as per site requirement with termination box/FMS at Rx end and OFC Patch cord with SC/APC or LC/APC connector at both end, in each core between Outdoor Unit housing Optical Transmitter to Indoor Unit (Min. 100 m) (One Set consist two OFC and laid as 1 OFC Cable set to be connected in circuit and 1 OFC Cable set kept as cold standby) as per DRG No 02 & 03	5	Set		
l	Low loss L band cable and matching connector with Gold plated Pin as per site requirement (12 meters per signal i.e. 2x10x12 =240 mtrs (min.) to be connected from LNB to Optical Transmitter per DRG No. 02 & 03.	1	Lot		
m	Low loss L band cable and matching connector with Gold plated Pin as per site requirement (10 meters per signal i.e. 2x10x10 =200 mtrs (min.) to be connected from Optical Receiver to L band Patch Panel per DRG No. 02 & 03.	1	Lot		
n	Low loss L band cable and matching connector with Gold plated Pin as per site requirement (50 meters per signal i.e. 2x10x50 =1000 mtrs (min.) to be connected from L N B to to L band Patch Panel (i.e. input side of L Band Router) as per DRG No. 01 & 03.	1	Lot		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
0	Low loss L band cable and matching connector with Gold plated Pin as per site requirement 64x5 =320 mtrs (min.) to be connected from L band Patch Panel to L Band Router Input as per DRG No. 01 , 02 & 03.	1	Lot		
2	L band Router (64x320) with dual redundant power supply consisting of :				
a	Fully wired base unit with 64x320 populated L band router including Crosspoint Matrix module/Mid Matrix cards/Central Switch Board; Hot swappable input cards; Hot swappable output cards; hot Swappable frame controller /Hot swappable CPU card; Hot swappable dual redundant power supply unit etc.	1	Set		
b	Additional Cross Point Matrix module/Mid Matrix Card/Central Switch Board	1	No.		
c	Additional hot swappable Frame Controller Card/CPU Card	1	No.		
d	X-Y/Router control panel with cable	1	Set		
e	Necessary power supply to LNBCs	1	Set		
f	Work station with monitor, with cables and accessories for remote configuration, Monitoring and Control of L band Router	1	Set		
g	Low loss L band cable and matching connector with Gold plated Pin as per site requirement 320x15 =4800 mtrs (min.) to be connected from L Band Router Output to L band Patch Panel (mounted in IRD and Monitoring Racks) and At 1:12 Splitter for Radio IRDs, as per	1	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
	DRG No. 01, 02, 03, 09 and 10				
h	(1+1) Server based NMS system for L Band Router, supplied by OEM of L band Router, with required licences and accessories.	1	Set		
3	Professional IRDs consisting of:				
a	Professional IRDs (for TV) with L-band inputs of DVB-S & DVB-S2, DVB-ASI & IP Input compliance decoder (MPEG 2 TS over IP) and DVB-ASI, HD-SDI, SD-SDI, AES/EBU, HD-SDI embedded audio, SD-SDI embedded audio, One downconverted SD-SDI of HD-SDI, Dolby digital (AC-3) 5.1 audio and Dolby Digital Plus 5.1 Audio (E-AC-3) output, MPEG-2 TS over IP output with Multi service filtering facility and having 4:2:0 & 4:2:2 compliant for MPEG-2, H.264/MPEG-4-AVC and 4:2:0 compliant for H.265/HEVC decoding and Common Interface slot hardware, BISS mode-1 & BISS-E Compliant) and dual redundant Power supply unit. (28 Professional IRDs per Lot). Note: No. of Chassis for Professional IRDs shall be dependent on the offered solution.	8	Lots		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
b	<p>If one Professional IRD (For TV) per chassis is offerd, then four Redundant Chassis with Professional IRD per lot similar to main chassis without any limitation by way of hardware & software upgradation.</p> <p>OR</p> <p>If more than one Professional IRDs (For TV) per chassis is offerd, then two Redundant Chassis with Professional IRDs per lot similar to main chassis without any limitation by way of hardware & software upgradation.</p>	8	Lots		
c	<p>Professional IRDs (for Radio) with L-band inputs of DVB-S & DVB-S2, DVB-ASI & IP Input compliance decoder (MPEG 2 TS over IP) and DVB-ASI, HD-SDI, SD-SDI, AES/EBU, HD-SDI embedded audio, SD-SDI embedded audio, One downconverted SD-SDI of HD-SDI, Dolby digital (AC-3) 5.1 audio and Dolby Digital Plus 5.1 Audio (E-AC-3) output, MPEG-2 TS over IP output with Multi service filtering facility and having 4:2:0 & 4:2:2 compliant for MPEG-2, H.264/MPEG-4-AVC and 4:2:0 compliant for H.265/HEVC decoding and Common Interface slot hardware, BISS mode-1 & BISS-E Compliant) and dual redundunt Power supply unit . (8 Professional IRDs per Lot).</p> <p>Note: No. of Chassis for Professional IRDs shall be dependent on the offered solution.</p>	8	Lots		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
d	<p>If one Professional IRD (For Radio) per chassis is offerd, then two Redundant Chassis with professional IRD per lot, similar to main chassis without any limitation by way of hardware & software upgradation.</p> <p>Or</p> <p>If more than one Professional IRDs (For Radio) per chassis is offerd, then one Redundant chassis with professional IRDs per lot, similar to main chassis without any limitation by way of hardware & software upgradation.</p>	8	Lot		
e	Low loss RF cable (for TV) and matching F/BNC type connector with Gold plated pin as per site requirement (3 meters per signal i.e. 32x2x8x3=1536 mtrs (min.) from L band Patch Panels to IRDs (TV) as per DRG No. 5, 6, 7 & 8.	1	Lots		
f	Low loss RF cable (For Radio) and matching F/BNC type connector with Gold plated pin as per site requirement (5 meters per signal i.e. 2x8x5=80 mtrs (min.) from L band Patch Panels to Splitter and 2x10x8x3=480 mtrs (min.) from Splitter to IRDs (Radio) as per DRG No. 5, 6, 7 & 8.	1	Lots		
g	HD-SDI Video cables with matching connectors as per site Requirement (DRG No. 5, 6, 7 and 8 between the HD SDI output port of all IRDs (For TV) to HD-SDI Patch Panel etc.	1	Lot		
h	HD-SDI Video cables with matching connectors as per site Requirement (DRG No. 5, 6, 7 and 8) between the ASI output port of all IRDs (For TV) to HD-SDI Patch Panel for	1	Lot		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
	Monitoring				
i	Audio/Video cable with matching connector for AES/EBU Digital Audio from IRD output to AES Audio Embedders through AES Patch Panel as per site requirement	1	Lot		
j	HD SDI cable from the output of all Audio Embedder to HD-SDI Patch Panel , HD/SD SDI Router for Radio Chain etc.	1	Lot		
k	1:12 L Band Splitter as per DRG No 9 and 10.	16	Sets		
4	IP Data Switches and Network Switches consisting of:				
a	(1+1) IP Data Switch 48 port with inbuilt dual power supply unit and rack mounting kit (For TV Channel).(2 Nos. per set)	8	Sets		
b	(1+1) IP Data Switch 24 port with inbuilt dual power supply unit and rack mounting kit (For Radio Channel).(2 Nos. per set)	4	Sets		
c	IP Network Switch 48 port with inbuilt dual power supply unit with rack mounting kit.	8	Sets		
d	IP Network Switch 24 port with inbuilt dual power supply unit with rack mounting kit.	4	Set		
e	Indoor type CAT-6 Cable with connector as per site requirement and DRG No. 5, 6, 7, and 8. (Min 10 mtr x 3 nos of CAT-6 cable x Number of IRD Chasis for TV Channels) + (Min 3 Nos. spare CAT-6 cable in each rack connected to IP Data switch/IP Network switch)	8	Sets		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
f	Indoor type CAT-6 Cable with connector as per site requirement and DRG No. 9 and 10. (Min 10 mtr x 3 nos of CAT-6 cable x Number of IRD Chasis for Radio Channels) + (Min 3 Nos. spare CAT-6 cable in each rack connected to IP Data switch/IP Network switch)	4	Sets		
5	8 Channel AES/EBU SD-SDI & HD-SDI Emmbeder and associated Accessories for Radio Service consisting of:				
a	8 Channel AES/EBU Digital audio and SD-SDI & HD-SDI Emmbeder card. (8 Cards are in Ckt and 2 cold standby)	10	Nos.		
b	Audio cable with matching XLR Audio connector for 8 AES/EBU Digital Audio as per site requirement (8 Cards are in Ckt and 2 cold standby)	10	Sets		
c	19" Rack Frame mounting with Frame controller for remote configuration & monitoring; and auto switchable dual redundant power supply unit. One lot consists of 1 set if Two Audio Embedder Card is mounted in one 19" Rack Frame or One lot consists of 2 sets if One Audio Embedder Card is mounted in one 19" Rack Frame.	5	Lot		
d	2 Nos of 12 (min) port XLR Type 19" rack mounting Audio Patch Panel OR 1 No of 24 (min) Ports BNC Type 19" rack mounting Audio	8	Sets		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
	Patch Panel				
6	Enterprise Grade Next Generation Firewall System consisting of:-				
a	Enterprise Grade Next Generation Firewall system with minimum 8 x 1 Gigabit Ethernet (RJ 45), dedicated port for HA connectivity & Management and 4x10 GE Small Form-Factor Pluggable (SFP or SFP+) hardware device/module in HA (High Availability) configuration including inbuilt dual power supply unit (2 Nos per set)	1	Set.		
b	Administration & Management System in HA (High Availability) configuration for Firewall including inbuilt dual power supply unit and associated accessories (2 Nos per set).	1	Set.		
c	Indoor type CAT-6 Cable with connector as per site requirement and suggestive Block Diagram No. 4 . (i)- Min 360 meter per set (3x8x15 meter) from 48 port IP Data switch to 48 Port IP Data switch at input for Encoders (ii)- Min 360 meter per set (3x8x15 meter) from 48 port IP Data switch to 48 Port IP Data switch at input for Multiviewers of (in compression Room). (iii)- Min 15 meter per set (3x5 meter) in between IP Router and Firewall (in compression Room)	1	Set.		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
7	IP Router with minimum 4 x 1 Gigabit Ethernet (RJ 45) and 4x10 GE Small Form-Factor Pluggable (SFP or SFP+) hardware device/module including inbuilt dual power supply unit in (1+1) configuration (2 Nos per set)	1	Set.		
8	Essential items/works(If any) to complete the installation of Input and Baseband system	1	Set		
9	Installation, testing and system integration of Input and Baseband System	1	Job		
B	Compression System				
10	64 x 64 SD & HD-SDI router wired for all input and output consisting of:				
a	Base unit Fully wired for 64x64 Input and Output	8	Sets		
b	Inbuilt hot swappable redundant Cross Point module for 64 x 64	8	Sets		
c	Inbuilt hot swappable redundant controller/ logic modules	8	Sets		
d	Inbuilt hot swappable Redundant Power supply unit	8	Sets		
e	X-Y control panel with cable	8	Nos.		
f	Single Bus remote control panel with cable	8	Nos.		
11	HD-SDI Patch Panel and Patch cord consist of:				
a	32 input and corresponding 32 output Ports Type HD-SDI Patch Panels (75 Ohm Impedence) for all Input Ports and all Output Ports of SDI Router as per DRG no. 5, 6, 7, 8. 9 and 10 (1RU, Normal Through, self terminating type) (one lot consist of min 4 Nos of 32 input and corresponding 32 output Ports	8	Lots		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
	Type HD-SDI Patch Panels)				
b	HD-SDI Video cables with matching connectors as per site Requirement between the HD SDI Input Patch Panels to Output Patch Panel via 64x64 SDI Router and upto the Input of Encoders. (DRG No. 5,6,7,8,11,12,13, and 13A)	8	Lots		
c	HD-SDI Patch Cord (Impedence -75 Ohm, Cable Length- 3 feet (Minimum) matching with Patch panel	50	Nos.		
d	HD-SDI Patch Cord (Impedence -75 Ohm, Cable Length- 10 feet (Minimum) matching with patch panel	16	Nos.		
12	Digital Encoder operating on 4:2:0 mode with MPEG-2, H.264/MPEG-4 and H.265/HEVC compression without any limitation by way of hardware & software upgradation (including Stat Mux support) consisting of :-				

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
a	Digital encoder with SDI Input signal for 40 SDTV channels in MPEG-2 & H.264/MPEG-4 compression including 16 HDTV channels in H.264/MPEG-4 & H.265/HEVC compression without any limitation by way of hardware & software upgradation. Each encoder chassis shall also be capable to take IP Input (MPEG-2 TS over IP, RTMP, HLS, SRT & ZIXI) and decode 16 Channel & re-encode SD & HDTV channels as per technical specification of tender document without any limitation by way of hardware & software upgradation. Noise reduction hardware/ software for SD &HDTV, Four stereo audio channel including Dolby Digital (AC-3) 5.1 audio (Decoding & Encoding) & Dolby Digital Plus 5.1 audio (decoding & Encoding) with audio level processor & loudness control, logo inserter, Ancillary data facility in all encoders and Dual redundant power supply units with all encoder chassis.	8	Sets		
b	Two Redundant Digital encoder chassis similar to Main Chassis per set without any limitation by way of hardware & software upgradation.	8	Sets		
13	IP Data and Network Switches Consisting of:				
a	IP Data Switch 48 port with inbuilt dual power supply unit in (1+1) configuration (2 Nos per set)	8	Sets		
b	IP Network Switch 48 port with inbuilt dual power supply unit with Rack mounting kit.	8	Nos.		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
c	Indoor type CAT-6 Network Cable with connector as per site requirement and DRG No. 11, 12, 13 & 13A (min. 5 mtr x 10 nos x 3 nos =150 mtr per set)	8	Sets		
14	IP Encapsulator with Multiplexer for Statistical Multiplexing in 8x(1+1) configuration consisting of:				
a	IP Encapsulator with Multiplexer in (1+1) configuration (i.e. 2 Nos per set) for Statical Multiplexing having: i) Minimum Four Independent ASI Input Port with Licenses ii) Minimum Four independent ASI output port with licenses and option of generating free to air ASI Output for monitoring. (iii) Minimum Eight Independent IP data Port (bi-directional) with licenses (for Input data, Independent MPEG-2 TS over IP Output for transmission, Anncellary data, Control & Management) (iv) Minimum four nos 10 Gigabit SFP Port (Bi-directional) with device (v) DVB- CSA(V1 & V2) compliant generic CAS encryption and Minimum two DVB-CAS simulcrypt scrambler licenses with ECM & EMM and generic CAS enabled ASI Outputs.	8	Sets		
b	32 input and corresponding 32 output Ports HD-SDI Patch Panels (75 Ohm Impedence) for connecting all Input Ports and Output Ports of IP incapsulators and ASI Router as per DRG no. 11,12,13,& 13A. (Normal Through, self terminating type)	8	Sets		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
c	HD-SDI Video cables with matching connectors as per site Requirement (DRG No. 11,12,13,& 13A) for interconnection of IP Encapsulators, ASI Router and up to input of the Satellite Modulator..	8	Lots		
15	16x16 or better matrix ASI router (SDI compatible) wired for all input and out put consisting of:				
a	Base unit fully wired for 16x16 or better matrix Input and Output	8	Sets		
b	Inbuilt controller/ logic modules	8	Sets		
c	Inbuilt auto switchable Redundant Power supply unit	8	Sets		
d	X-Y control panel with cable	8	Sets		
e	Single Bus remote control panel with cable	8	Sets		
16	Network Management System(NMS) for Compression equipment consisting of:				
a	Compression equipment control system Software	8	Sets		
b	Compression equipment control system Hardware consisting of rack mounted main server in 1+1 master-slave configuration or Cluster configuration having minimum 3 servers for high availability with client license, each server with dual power supply modules; and KVM switch, Integrated Key Board , mouse & rack mount foldable display monitor.	8	Sets		
c	Client work station with required licenses for remote monitoring of all NMS	4	Sets		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
d	24 port IP Network switch for NMS monitoring with Client Work station in remote locations	4	Sets		
e	Indoor type CAT-6 Cable with connector as per site requirement and DRG No. 11,12,13 and 13A. (Min 100 meter per set)	4	Sets		
f	Indoor type CAT-6 Cable with connector between 24 port IP Network switch connected in the output of NTP Server <i>and IP Network switch</i> for network time synchronisation of compression system, Monitoring system DRG No.4,11,12,13 13A and 19 (Min 9x25 mtr per set for Compression system cable i.e.(9x25x2)=450 mtr	1	Sets		
g	Indoor type CAT-6 Cable with connector between 48 port IP Data switch connected with EPG and PSI/SI Generator/Server and IP Data switch for feeding data to compression system; and Multiviewer for monitoring of IP streams as per site requirement and DRG No. 4,11,12,13,13A. (Min 9x25 mtr per set for Compression system cable i.e. (9x25x2)=450 mtr	1	Sets		
h	Indoor type CAT-6 Cable with connector between 48 port IP Data switch connected with IP Router and 48 port IP Data switch connected with Encoders as per site requirement and amended DRG No. 4,11,12,13 13A and 19. (Min 3x9x25 mtr per set i.e. (3x9x25)=675 mtr)	1	Sets		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
17	Bi-directional SRT based Gateway System -				
a	Bi-directional SRT based Gateway System in (1+1) configuration to Send & Receive MPEG transport stream (between DD FreeDish (DRC) Hyderabad and DD FreeDish (Main) Todapur Delhi). SRT based Gateway System consists of-				
i	<p>1- Server Based, Bi-directional SRT Sender Gateway System in (1+1) configuration, dedicated to send eight numbers of MPEG transport streams from DD FreeDish Earth Station (DRC) Hyderabad to DD FreeDish Earth Station (Main) Todapur Delhi.</p> <p>2- Server Based, Bi-directional SRT Receiver Gateway System in (1+1) configuration, dedicated to receive eight numbers of MPEG transport streams from DD FreeDish Earth Station (Main) Todapur Delhi to DD FreeDish Earth Station (DRC) Hyderabad.</p> <p>Note- These Gateway systems shall be commissioned at DD FreeDish Earth Station (DRC) Hyderabad. Internet Connectivity between DD FreeDish (DRC) Hyderabad and DD FreeDish (Main) Todapur Delhi will be provided by Doordarshan.</p>	1	Sets		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
ii	<p>1- Server Based, Bi-directional SRT Sender Gateway System in (1+1) configuration, dedicated to send eight numbers of MPEG transport streams from DD FreeDish Earth Station (Main) Todapur Delhi to DD FreeDish Earth Station (DRC) Hyderabad.</p> <p>2- Server Based, Bi-directional SRT Receiver Gateway System in (1+1) configuration, dedicated to receive eight numbers of MPEG transport streams from DD FreeDish Earth Station (DRC) Hyderabad to DD FreeDish Earth Station (Main) Todapur Delhi.</p> <p>Note- These Gateway systems shall be commissioned at DD FreeDish Earth Station (Main) Todapur Delhi. Internet Connectivity between DD FreeDish (DRC) Hyderabad and DD FreeDish (Main) Todapur Delhi will be provided by Doordarshan.</p>	1	Set		
b	<p>Indoor type CAT-6 Cable with connector as per site requirement and suggestive Block Diagram No. 4-</p> <p>i- Min 60 meter per set (6x10 meter) from SRT based Gateway System to 48 port IP Data switch connected with IP router at DD FreeDish Earth Station (DRC) Hyderabad.</p> <p>ii- Min 60 meter per set (6x10 meter) from SRT based Gateway System to 48 port IP Data switch connected with IP router at DD FreeDish Earth station Todapur Delhi.</p>	1	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
c	HD-SDI Video cables with matching connectors as per site requirement and suggestive Block Diagram No. 11,12,13,13A- i- HD-SDI Video cables with matching connectors as per site Requirement for interconnection of 16x16 ASI Router/patch panel to SRT based Gateway System at DD FreeDish Earth Station (DRC) Hyderabad. ii- HD-SDI Video cables with matching connectors as per site Requirement for interconnection of ASI Router/patch panel to SRT based Gateway System at DD FreeDish Earth station Todapur Delhi.	1	Set		
18	Essential items/Works (If any) to complete the installation of Compression system	1	Lot		
19	Installation , testing and system integration of Compression System	1	Job		
20	GPS Enabled NTP Server and associated accessories consisting of:				
a	Two nos. GPS enabled NTP servers with dual redundant Power supply and GPS Antenna with associated accessories for network time synchronization of all broadcast equipment and servers installed in the earth station.	1	Sets		
b	24 port IP Network switch to be connected in the output of NTP Server for network time synchronisation of all IP Network switches of four new compression system and two old compression system, Monitoring system and other associated	1	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
	equipment				
c	Indoor type CAT-6 Cable with connector as per site requirement and DRG No. 10 (Min 3x10 meter per set for four new Compression system and 3x50 mtr per set for two old Compression system cable i.e. $(3 \times 10 \times 4) + (3 \times 50 \times 2) = 420$ mtr	1	Lot		
21	EPG and PSI/SI Generator/Server consisting of:		Sets		
a	EPG and PSI/SI Generator/Server, in (1+1) configuration with associated hardware & software, for Insertion of EPG on weekly basis for 250 TV channel and Insertion of private data of DVB compliant Conditional Access System (CAS) in symulcrypt mode into multiple transport stream i.e. minimum eight transport stream with mirror output.	1	Sets		
b	Hot Swappable Dual Redundant Power Supply Unit in each Chasis	1	Lot		
c	48 port IP Data switch in (1+1) configuration to be connected with EPG and PSI/SI Generator/Server for feeding data to IP data switches & IP Encapsulator of four new compression system and two old compression system; and Multiviewer for monitoring of IP streams	1	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
d	Indoor type CAT-6 Cable with connector as per site requirement and DRG No. 10 (Min 3x10 meter per set for four new Compression system and 3x50 mtr per set for two old Compression system cable i.e. (3x10x4)+(3x50x2)=420 mtr	1	Lot		
C	Digital Satellite Modulator System.				
22	Digital Satellite Modulators in 8x(1+1) configuration consisting of:				
a	Digital Satellite Modulators capable of Modulating in DVB-S and DVB-S2 (one at a time) and operating in Redundant mode.	16	Nos.		
b	IF Redundancy switch for managing redundancy of (1+ 1) Modulators	8	Nos.		
c	1:4 IF Splitter (8 main + 2 standby)	10	Nos.		
23	Essential items/Works (If any) to complete the installation of Digital Satellite Modulator system.	1	Lot		
24	Installation , testing and system integration of Digital Satellite Modulator system.	1	Job		
D	RF System				
25	IF to L- Band Up converter with internal/ External IF redundancy Switch 8x(1+1) configuration and operating in Redundant mode consisting of				
a	IF to L Band Up-converter in (1+1) configuration operating in Redundant mode	8	Sets		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
b	L Band Redundancy switch (Internal or External) for managing redundancy of (1+ 1) L- Band Up-converters	8	Sets		
c	Flexible copper IF Band cable with suitable connectors (75 ohms) from IF splitter to IF patch panel at Up-converters rack:- 18x15 mtrs = 270 mtrs (min.).	1	Lot		
d	Flexible copper L Band Cable with suitable connectors (50 ohms) from Up-converters to HPA racks:- 2x40 mtrs = 80 mtrs (min.) (One main and one Standby)	3	Lots		
e	4:1 RF Combiners(L Band) along with suitable termination (Two main + Two cold stanby)	4	Nos.		
f	1:4 IF Splitters along with suitable termination as cold stanby	4	Nos.		
g	2:1 RF passive Combiners(L Band) along with suitable termination	2	Nos.		
h	1:2 RF passive Splitters (L Band) along with suitable termination	2	Nos.		
i	12 port (min) IF patch panel with matching connector	2	Nos.		
j	Essential items /works (If any) to complete the installation of Upconverters	1	Lot		
k	Installation of above Up-converters and redundancy switches and integrating it with HPA System.	1	Job		
26	L band to Ku band Block Up-converter (BUC) Unit in (1:1) configuration (indoor Type) with internal/ External redundancy Switch operating in Redundant				

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
	mode consisting of				
a	L band to Ku band Block Up-converter (BUC) Unit in (1:1) configuration (indoor Type) operating in Redundant mode (Internal/ External with HPA system)	3	Sets		
b	RF (Ku Band) Redundancy switch (Internal or External with BUC Unit) for managing redundancy of (1+ 1) L to Ku Band Up-converters	3	Sets		
c	Flexible copper L Band Cable with suitable connectors (50 ohms) from L band splitter to L band to Ku band Block Up-converter (BUC) :- 6x10 mtrs = 60 mtrs (min.).	1	Lot		
d	Flexible copper Ku Band Cable with suitable connectors (50 ohms) from Ku band Block Up-converter (BUC) to HPA racks:- 6x10 mtrs = 60 mtrs (min.) (One main and one Standby)	3	Lots		
e	Essential items /works (If any) to complete the installation of Upconverters	1	Lot		
f	Installation of above Up-converters and redundancy switches and integrating it with HPA System.	1	Job		
27	Ku- Band High Power Amplifiers (HPAs) SYSTEM (With supplemental power/redundant chassis) consisting of :-				

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
a	In case of High Power Amplifiers (HPAs) SYSTEM is Solid State Power Amplifier (SSPA) based <i>[Note- HPA SYSTEM shall have multiple main HPA chassis, required to give rated RF output power to get the required Rain Fade Margin , along with integrated supplemental power , so that on failure of 25% (in equal or next whole numbers) of main chassis, HPA SYSTEM shall be able to provide rated RF output power to get the required Rain Fade Margin automatically with supplemental power consisting of -</i>				
i	Ku-band HPAs with integrated supplemental power for up linking of 4 Carrier of 36 MHz Bandwidth	2	Sets		
ii	Ku-band HPAs with integrated supplemental power for up linking of 1 Carrier of 36 MHz Bandwidth	1	Set		
	OR				
a	In case of High Power Amplifiers (HPAs) SYSTEM is Traveling Wave Tube Amplifier (TWTA) based:- <i>HPA SYSTEM shall have multiple main HPA chassis, required to give rated RF output power to get the required Rain Fade Margin , along with integrated redundant chassis (similar to Main HPA chassis) or with integrated supplemental power, so that on failure of 25% (in equal or next whole numbers) of main chassis, HPA SYSTEM shall be able to provide rated RF output power to get the required Rain Fade Margin automatically with redundant chassis consisting of-</i>				

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
i	Ku-band HPAs with integrated redundant chassis (similar to Main HPA chassis) or with integrated supplemental power for up linking of 4 Carrier of 36 MHz Bandwidth	2	Sets		
ii	Ku-band HPAs with integrated redundant chassis (similar to Main HPA chassis) for up linking of 1 Carrier of 36 MHz Bandwidth	1	Set		
b	RF waveguide system consisting of waveguide switches along with all necessary dummy loads of required ratings and waveguide interconnectors, cooling fans etc. for HPA system of four Carriers up link system.	2	Lots		
c	RF waveguide system consisting of waveguide switches along with all necessary dummy loads of required ratings and waveguide interconnectors, cooling fans etc. for HPA system of one Carrier up link system.	1	Lot		
d	High Power Dummy Load, flange WR-75, Ku-Band, 3 Kw (min) or as per requirement of solution for HPA system (which ever is higher) of four Carriers up link system.	2	Nos.		
e	High Power Dummy Load, flange WR-75, Ku-Band, 1 Kw (min) or as per requirement of solution for HPA system (which ever is higher) of one Carrier up link system.	1	No		
f	Interconnecting High Power rigid waveguide assembly and Attenuators/Terminations for offered HPA System and integrating with up-link Antenna System as per DRG No.16.	1	Lot		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
g	Supply and installation of aluminum duct or HDPE pipe as per site requirement to take out hot air of each HPA from HPA rack to outside the room. (Min length 4 mtr)	3	Lots		
h	Terminations and other required accessories between BUC and HPA.	3	Lots		
i	19" wired racks for HPA system from the HPA OEM for mounting eqpt ergonomically in orderly fashion and necessary circuit breakers. (One set for four carrier,second set for another four carrier and third set for one carrier HPA system)	3	Sets		
28	Essential items /works (If any) to complete the installation of HPA system	1	Lot		
29	Installation of above HPAs and integration with Uplink antenna System.	1	Job		
30	Automatic Dehydrator (3-5 PSI user configurable) with required accessories and front panel display with remote access through Ethernet/SNMP etc and rack mounting kit	2	Set		
31	Waveguides and Componenets consisting of :				
a	Flexible waveguide (WR 75) with suitable flange connectors (Average Power handling capacity ≥ 3.0 KW) (as per site requirement) consisting of:				
(i)	Length- 1 meter (min) - 8 nos. [Flat connector (WR75) at both ends of waveguide]	1	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
(ii)	Length- 1 meter (min)- 8 nos. [Flat connector (WR75) at one end & Grooved connector at other end of waveguide]	1	Set		
(iii)	Waveguide E-Plane bend	8	Nos		
(iv)	Waveguide H-Plane bend	8	Nos		
(v)	Waveguide Twist of 90 deg. (WR75) (4 Nos. clockwise and 4 Nos. anticlockwise)	8	Nos		
b	Flexible waveguide (WR 75) with suitable flange connectors (Average Power handling capacity ≥ 1.5 KW) (as per site requirement) consisting of:				
(i)	Length- 1 meter (min) - 4 nos. [Flat connector (WR75) at both ends of waveguide]	1	Set		
(ii)	Length- 1 meter (min)- 4 nos. [Flat connector (WR75) at one end & Grooved connector at other end of waveguide]	1	Set		
(iii)	Waveguide E-Plane bend	4	Nos		
(iv)	Waveguide H-Plane bend	4	Nos		
(v)	Waveguide Twist of 90 deg. (WR75) (Rate to be quoted per unit basis) (2 Nos. clockwise and 2 Nos. anticlockwise)	4	Nos		
32	Ku Band Automatic Uplink Power Control system (AUPC System) along with required accessories like required attenuator (if any), cable with connector etc	3	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
33	RF Equipment Control and Management System (RF NMS) with switching & interlock facility for RF Equipment consisting of-				
a	To be supplied , installed and commissioned at DD FreeDish (DRC) Hyderabad-				
i	RF Equipment Control system and Management System with switching/interlock facility Software at DD FreeDish Earth Station (DRC) Hyderabad.	1	Set		
ii	RF Equipment Control and Management System (RF NMS) with switching & interlock facility Hardware consisting of rack mounted main server in 1+1 master-slave configuration or Cluster configuration having minimum 3 servers for high availability with client license, each server with dual power supply modules; and KVM switch, Integrated Key Board , mouse & rack mount foldable display monitor installed and commissioned at DD FreeDish (DRC) Hyderabad.	1	Set		
iii	Client work station with required licenses for monitor & manage the entire RF sub-system and integrate for Geo-redundant rain diversity system with DD FreeDish (Main) Todapur Delhi and vise versa	1	Set		
iv	24 port IP Network switch for NMS monitoring with Client Work station in remote locations installed and commissioned at DD FreeDish (DRC) Hyderabad.	1	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
v	Indoor type CAT-6 Cable with connector as per site requirement at DD FreeDish (DRC) Hyderabad. (Min 100 meter per set)	1	Set		
vi	IP Network Switch 48 port with inbuilt dual power supply unit with Rack mounting kit for Monitoring Room. (at DD FreeDish (DRC) Hyderabad)	1	Set		
b	To be supplied , installed and commissioned at DD FreeDish earth Station (Main) Todapur Delhi -				
i	RF Equipment Control system and Management System with switching/interlock facility Software installed and commissioned at DD FreeDish earth Station (Main) Todapur Delhi..	1	Set		
ii	RF Equipment Control and Management System (RF NMS) with switching & interlock facility Hardware consisting of rack mounted main server in 1+1 master-slave configuration or Cluster configuration having minimum 3 servers for high availability with client license, each server with dual power supply modules; and KVM switch, Integrated Key Board , mouse & rack mount foldable display monitor, installed and commissioned at DD FreeDish earth Station (Main) Todapur Delhi.	1	Set		
iii	Client work station with required licenses for monitor & manage the entire RF sub-system and integrate for Geo-redundant rain diversity system with DD FreeDish (Main)	1	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
	Todapur Delhi and vise versa				
iv	24 port IP Network switch for NMS monitoring with Client Work station in remote locations installed and commissioned at DD FreeDish earth Station (Main) Todapur Delhi..	1	Set		
v	Indoor type CAT-6 Cable with connector as per site requirement installed and commissioned at DD FreeDish earth Station (Main) Todapur Delhi. (Min 100 meter per set)	1	Set		
vi	IP Network Switch 48 port with inbuilt dual power supply unit with Rack mounting kit for Monitoring Room at DD FreeDish earth Station (Main) Todapur Delhi.	1	Set		
34	Essential items/works (if any) to complete the installation of RF Control system	1	Lot		
35	Installation of RF Control System and integration with Satellite Modulators, Up-Convertors, HPAs.	1	Job		
E	ANTENNA SYSTEM				
36	Uplink Parabolic Dish Antenna (PDA) with Motorised Autotracking system and Accessories consists of				
a	9.0 meter to 9.4 meter Motorised Autotracking Uplink antenna	2	Nos.		
b	Ku-Band 4 Pole Linear polarized feed (Motorized)	2	Nos.		
c	Trans reject filter coupler for both receive ports for above feed (if required)	4	Nos.		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
d	Trans directional coupler for both uplink ports for above feeds	4	Nos.		
e	2+1 Redundant Ku-Band LNA System [i.e. each set consists of 3 Nos of Ku-Band LNAs with associated accessories]	2	Sets		
f	Automatic antenna control unit for quick orientation of the above Uplink PDA	2	Nos.		
g	Low loss RF cable <i>1/2 inch (As per site requirement)</i>	20	Meter		
h	Beacon Tracking Receiver (BTR) (Ku-Band)	2	Nos.		
i	Bird Guard for feed	2	Nos.		
j	Lightning Arrestor with cable and accessories for Uplink PDA	2	Nos.		
37	<p>Construction of foundation (Material and Labour) of Uplink PDAs with raised platform (tentatively 4 mtr from the ground) for installation of Uplink PDAs. (So that HPAs and related RF equipment shall be installed in the space (hall) below PDA). The foundation drawing of PDA shall be approved by OEM of PDA.</p> <p>The ceiling of the hall below PDA should be minimum 10 feet height alongwith elctrical wiring and fittings (for proper illumination), false ceiling, flooring (Heavy duty aesthetic Tile work), Painting and all four sides (walls door and windows) are as per technical requirement of equipment and climatic requirement of site. Please see suggestive DRG No. 17</p>	2	Job		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
38	Construction of roof on the space between both PDA foundation by RCC for installation of the ancillary equipment of RF system/monitoring and control of RF system . The ceiling of the hall should be minimum 10 feet height alongwith elctrical wiring and fittings (for proper illumination), false ceiling, flooring (Heavy duty aesthetic Tile work), Painting and all four sides (walls, door and windows) are as per technical requirement of equipment and climatic requirement of site.. The distance between centre of the foundation of Uplink PDAs should be 15 m ± 1m. Please see suggestive DRG No. 17	1	Job		
39	Maintinance Platform and Ladder Kit for Uplink Antenna	2	set		
40	Installation (material and work) of uplink Antenna system including all related works like connecting earthing, Lightening arrester, Cable Tray etc and laying of waveguide from both ports of Uplink antenna to HPA Systems.	2	set		
41	NOCC clearance of the installed Up-link Antenna	2	sets		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
42	Earthing system and earth pits for PDAs. (Each Set consists of minimum 2 Nos i.e. Earth pits would consist of Copper Earth electrode (diameter 20 mm (min)), insulated copper strip/ wire (50 Sq. mm (Min)), Chemical earth fill compound with fast discharge characteristics, water absorbing gel, perforated Hard HDPE pipe (diameter 40 mm), funnel, 10 feet depth and 1 feet diameter. Earth pit would be prepared so that earth resistance is less than 1 ohm <i>Sample picture is enclosed at DRG No.26.</i>	2	Set		
43	16 sq mm 4 core , Armoured copper power supply cable, from PDP to Uplink antenna control panel. (Min length 70 mtr per set) (as per site requirement)	2	Sets		
44	Power supply cable with copper conductor from Uplink antenna control panel to Drive Motors of PDA. (Min. 10 meter per set)	2	set		
45	40 dB Directional couplers (# 40 dB Cross guide directional coupler Operating Frequency: 13.75 to 14.50 GHz Connector: N type Female Coupled Port Flange: input WR75 / output WR75) (4 Nos. will be installed + 1 No. cold standby)	5	set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
46	1:4 Ku Band Splitter 2 Nos for Antenna No 1 (V Pole & H Pole) and 2 Nos for Antenna No 2 (V Pole & H Pole) + 2 Nos as Cold standby.	6	Nos.		
47	Any other essential item/Job to complete the installation and commissioning of Uplink Antenna system	2	sets		
F	Receive Parabolic Dish Antenna System and accessories:				
48	Receive Parabolic Dish Antenna (PDA) (Motorised manual) and accessories consisting of:				
a	C band 4.5 to 4.8 meter Manual drive motorized Receive Parabolic Dish Antenna System	18	Sets.		
b	C-Band dual port Linear orthogonal feed	18	Sets		
c	C-Band LNBC (36 Nos will be installed +4 Nos Cold Standby)	40	Nos.		
d	Out door type Manual Antenna control unit with connecting cable for manual orientation of the above PDA	18	Sets.		
e	Low loss L band cable with matching connector with Gold plated Pin as per site requirement (50 meters per antenna 50x8x2=800 mtrs (min.) with laying overhead/matching from LNBC of Receive PDAs to L-band Patch Panel in Compression Room.	1	Lot		
f	Lightning Arrestor with Cable and accessories for Receive PDA	18	Sets.		
g	Cable Lables to Delineate on all RF Cables to be place at every 5 meters	1	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
h	Installation of Receive PDA including foundation (Material and labour) (above 500mm from ground) , connecting earthing & Lightening arrester, Power supply cable with copper conductor from Receive antenna control panel to Drive Motor of PDA.(Min 10 mtr per Set) The foundation drawing of PDA shall be approved by OEM of PDA.	18	Lot		
i	16 sq mm 4 core , Armoured copper power supply cable, from PDP to Receive antenna control panel. (Min length 70 mtr per set) (as per site requirement)	18	Sets		
49	C-Band Interference Rejection Band Pass Filter (3.7 GHz to 4.2 GHz with 30 MHz Guard Band) with gasket and mounting kit (36 Nos will be installed +4 Nos Cold Standby)	40	Sets		
50	Earthing system and earth pits for 18 Nos Receiving PDAs. (Each Set consists of minimum 2 Nos. of Earthing system Earth pits would consist of Copper Earth electrode (diameter 20 mm (min)), insulated copper strip/ wire (50 Sq. mm (Min)), Chemical earth fill compound with fast discharge characteristics, water absorbing gel, perforated Hard HDPE pipe (diameter 40 mm), funnel, 10 feet depth and 1 feet diameter. Earth pit would be prepared so that earth resistance is less than 1 ohm <i>Sample picture is enclosed at DRG No.26.</i>	18	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
51	Receive Parabolic Dish Antenna (PDA) (Motorised Autotracking) and accessories consisting of:				
a	C band 4.5 to 4.8 meter Manual drive motorized Receive Parabolic Dish Antenna System	2	Sets.		
b	C-Band dual port Linear orthogonal feed	2	Sets		
c	C-Band LNBC	4	Nos.		
d	L- band BTR & Antenna control unit for quick orientation of the receive PDA	2	Sets.		
e	Out door Antenna control unit with connecting cable for Auto orientation of the above PDA	2	Sets.		
f	Low loss L band cable with matching connector with Gold plated Pin as per site requirement (50 meters per antenna total 50x2x2=200 mtrs (min.) with laying overhead/matching from LNBC of Receive PDAs to L-band Patch Panel in Compression Room.	1	Lot		
g	Lightning Arrestor with Cable and accessories for Receive PDA	2	Set		
h	Cable Lables to Delineate on all RF Cables to be place at every 5 meters	1	Set		
i	Installation of Receive PDA including foundation (Material and labour) (above 500mm from ground), connecting earthing & Lightening arrester, .Power supply cable with copper conductor from Receive antenna control panel to Drive Motor of PDA.(Min 10 mtr per Set) The foundation drawing of PDA shall be approved by OEM of	2	Lot		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
	PDA.				
j	16 sq mm 4 core , Armoured copper power supply cable, from PDP to Receive antenna control panel. (Min length 70 mtr per set) (as per site requirement)	2	Sets		
52	C-Band Interference Rejection Band Pass Filter (3.7 GHz to 4.2 GHz with 30 MHz Guard Band) with gasket and mounting kit	4	Sets		
53	Earthing system and earth pits for all Receiving PDAs. (Each Set consists of minimum 2 Nos. Earth pits would consist of Copper Earth electrode (diameter 20 mm (min)), insulated copper strip/ wire (50 Sq. mm (Min)), Chemical earth fill compound with fast discharge characteristics, water absorbing gel, perforated Hard HDPE pipe (diameter 40 mm), funnel, 10 feet depth and 1 feet diameter. Earth pit would be prepared so that earth resistance is less than 1 ohm <i>Sample picture is enclosed at DRG No.26..</i>	2	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
54	Providing & installing support tray & cable tray with cover for all receive antennas (20 Nos) , suitably painted as per site requirement (for laying of all cables (Power, L band, Optical) from each antenna to compression Room).	1	job		
55	Installation material and laying of cables protection pipes for all receive antennas (20 Nos)	1	Job		
56	Essential items/Works (If any) to complete the installation of Receive Parabolic Dish Antenna System	1	Lot		
57	Testing and system integration of Receive Parabolic Dish Antenna System.	1	Job		
G	Monitoring System				
58	Ku- Band receive setup for down link monitoring consisting of				
a	Ku- band receive antenna 120 cm with LNBF	5	Sets		
b	Ku- band receive antenna 90 cm with LNBF	5	Sets		
c	Ku- band receive antenna 60 cm with LNBF	5	Sets		
d	Installation material for 15 sets Antennae supplied above under line item (a) (b) & (c)	1	Lot		
e	RF cables with connector as per site requirement (minimum 15x20=300 mtrs)	1	Set		
59	Essential items/Works (if any) to complete the installation of Ku band Receive Antenna system	1	Lot		
60	Installation, testing and system integration of Ku band Receive	1	Job		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
	Antenna System				
61	Confidence level Monitoring system consisting of:				
a	17 Inch (Nominal) LCD (TFT/OLED) Professional Broadcast Colour Monitor with integrated speakers with rack mounting Kit	3	Set		
b	Professional grade Integrated Audio/video Monitor with >= 3.4" TFT/OLED/LCD screen of high resolution and integrated speakers. It should accept 2 HD/SD-SDI Inputs with reclocked output, including audio De-Embedder, decoding of Dolby digital (AC-3) 5.1 audio and Dolby Digital Plus 5.1 Audio, and shall also accept MPEG streams over IP (RJ45) input and shall decode compressed video in MPEG2, H.264 & HEVC and audio in MPEG Layer 1/2/3, AAC and Dolby audio for up to 5.1 channel. (3 Nos. shall be used for monitoring at Hyderabad and two system shall be used for monitoring at DD FreeDish Todapur Delhi)	5	Nos.		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
c	Monitoring Demod cum Decoder {with L-band inputs of DVB-S & DVB-S2, DVB-ASI & IP Input (MPEG 2 TS over IP) } with DVB-ASI, SD-SDI, HD-SDI, AES/EBU, HD SDI embedded audio, SD-SDI embedded audio, One downconverted SD-SDI of HD-SDI, Dolby digital (AC-3) 5.1 audio & Dolby Digital Plus 5.1 Audio (E-AC-3) output, MPEG-2 TS over IP output with Multi service filtering facility and having 4:2:0 & 4:2:2 compliant for MPEG-2, H.264/MPEG-4-AVC and 4:2:0 compliant for H.265/HEVC decoding and Common Interface slot hardware, BISS mode-1 & BISS-E Compliant and dual Redundant Power supply unit. Note: One Monitoring Demod cum Decoder shall be mounted in one chassis. 12 decoders are use for monitoring and 8 are cold standby.	8	Nos.		
d	Multi viewer display system with IP Inputs (MPEG-2 TS over IP) streams of Down link signal monitoring. Multiviewer shall have inbuilt MPEG-2 & MPEG-4 decoders of 16 SDTV with emmbedded audio including MPEG-4 & HEVC decoders of 8 HDTV with Dolby Digital (AC-3) 5.1 audio/ Dolby Digital Plus 5.1 audio Channels (To be installd in RF Monitoring Room)	1	Set		
e	Laptop with Intel Core i3, 4GHz or better, 5 Cores min, RAM:8 GB, 1 x 8 GB, DDR4, Storage:512GB SSD with associated accessories	2	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
f	24x7 Industrial Grade, Professional Broadcast 55" (nominal) LCD (LED/OLED) display wall system along with mounting kit , (To be installed in RF Monitoring Room and Compression Room)	2	Sets		
g	Interconnecting cables from Multi viewer system to 55" (nominal) LCD (LED/OLED) display wall system for display of each Multiviewer output as per DRG no. 19	1	Set		
h	Installation of 55" (nominal) LCD Monitors	1	Job		
i	DVB-S(QPSK) and DVB-S2(QPSK & 8PSK) compliant Demodulator having 8 Independent frequency (L Band) tuner (Minimum) simultaneously with MPEG-2 TS over IP output.	2	Sets		
j	High Quality Digital Audio Amplispeaker having SDI with Embedded Audio, AES/EBU and Analog Input facility with suitable Power Supply	2	Set		
k	Test Loop Translator (TLT) (Ku-band U/L to L-band)	3	Nos.		
l	64 x 32 SDI Router with one X-Y panel, one Single Bus Remote Control Panel, dual Redundant power supply and accessories	1	Set		
m	32 input and corresponding 32 output Ports HD-SDI/ASI Patch Panel , 75 Ohm Impedance as per DRG no. 18 (1RU, Normal Through, self terminating type)	10	Sets		
n	19" Rack mount 24 Port IP Patch Panel with RJ 45 Connector	1	Sets		
o	IP Patch cord with connector (RJ-45)	6	Set		
62	Input and Downlink Monitoring of SDTV and HDTV Channels consisting of:				

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
a	Multi viewer display system with remote panel for IP Inputs (MPEG-2 TS over IP) and [RTMP, SRT, HLS (inbuilt or external decoder)] streams of Input Source signal + 1 no DVI Input+2 Nos SDI Input. Each set of Multiviewer shall have inbuilt MPEG-2 & MPEG-4 decoders of 40 SDTV with embedded audio including MPEG-4 & HEVC Main-10 decoders of 16 HDTV with Dolby Digital (AC-3) 5.1 audio/ Dolby Digital Plus 5.1 audio Channels. Multiviewer shall have two independent video display outputs; and display the name of all channels with their alarms including major alarms on separate monitor as per DRG no. 19.	8	Set		
b	Work station with software licences including one client Licence for controls and configuration of Multiviewer System and Display on 55" Display system	1	Set		
c	De-Modulator cum Descrambler unit (DVB-S & S2) with Common interface slot hardware (Max 8 Service per CI slot) for 40 TV service and 8 Radio service per Stream per set (one chassis should consist of multiple modules). If De-Modulator & Descrambler offered in separate chassis shall also be acceptable.	8	Sets		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
d	Multi viewer display system with remote panel for IP Inputs (MPEG-2 TS over IP) and [RTMP, SRT, HLS (inbuilt or external decoder)] streams of Down link signal + 1 no DVI Input+2 nos SDI Input. Each set Multiviewer shall have inbuilt MPEG-2 & MPEG-4 decoders of 40 SDTV with embedded audio including MPEG-4 & HEVC decoders of 16 HDTV with Dolby Digital (AC-3) 5.1 audio/ Dolby Digital Plus 5.1 audio Channels. Multiviewer shall have two independent video display outputs; and display the name of all channels with their alarms including major alarms on separate monitor as per DRG no. 19.	8	Sets		
e	Work stations with software licences including one client licence for controls and configuration of Multiviewer System and Display on 55" Display system	1	Set		
f	IP Data Switch 48 port with inbuilt dual power supply unit and rack mounting kit.	1	Set		
g	Active splitter(L- band) (1:12) ie. 1-input and 12 output with DC Block and dual Redundant Power Supply.	5	Nos.		
h	1:4 ASI passive splitters	4	Sets		
i	24x7 Industrial Grade, Professional Broadcast 55" (nominal) LCD (LED/OLED) display wall system along with mounting kit	16	Sets		
j	Interconnecting cables from Multi viewer system to 55" (nominal) LCD (LED/OLED) display wall system for display of each Multiviewer output as per DRG No. 19	1	Set		
k	Installation of 55" (nominal) LCD Monitors	1	Job		

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		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
1	42/40 inch (nominal) LED display system having Full HD, 1920 x 1080 Pixels, DVB, PAL, Video Signals HDMI, RF, Component, Sound Type 2.0, Stereo, Audio Formats Supported AAC, AC3(Dolby Digital), EAC3, HAAC, MP3, MPEG, PCM, Inbuilt Speakers-2, USB port 2 (min) Supports Audio, Video, Image; HDMI Ports 2 (min), with mounting stand	6	Sets		
m	Supply and Installation of movable monitoring stand with matching material 42/40 inch (nominal) LED display system	2	Sets		
63	Ku-Band (Downlink) to L-Band Down Converters	8	Sets		
64	70 MHz IF to L-Band Upconverter	2	Sets		
65	Dolby Digital 5.1 audio (400W (nominal) ,Bluetooth & USB Connectivity, HDMI & Optical connectivity) high quality Home Theater	1	Set		
66	Essential items/Works (If any) to complete the installation of above Mmonitoring System	1	Lot		
67	Installation , testing and system integration of Monitoring System	1	Job		
H	MEASURING EQUIPMENT				
68	Multi format Digital SD & HD Video & Audio Test pattern generator	1	Set		
69	Digital waveform monitor (with Measurement facility)	1	set		

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		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
70	MPEG Real Time Transport Stream Analyser cum monitor (950 MHz to 2150 MHz min)	1	set		
71	300 Channel video logger with minimum 90 days content storage facility and required software & licenses High-quality broadcast off-air recording system (TS logger (native transport stream), SDI logger and ASI logger) for 300 SDTV channel including 16 HDTV channel with 4 four stereo audio having facility to record HDTV Channel with Dolby digital 5.1 & Dolby Digital Plus 5.1 audio and one stereo audio channel, with minimum 90 days content storage facility and required software & licenses	1	set		
72	Real Time Signal Analyzer (9kHz to 26.5 GHz or better) with required probe and accessories.	1	Set		
73	Spectrum Analyzer (9kHz to 26.5 GHz or better) with required probe and accessories.	1	Set		
74	Portable Handheld Ku Band RF power meter along with power sensors , For measuring the RF power (CW, average and peak)	1	Set		
75	3db Fixed Attenuator BNC to BNC	2	Nos		
76	6db Fixed Attenuator BNC to BNC	2	Nos		
77	Variable attenuator 0 to 110dB with 1 dB step	2	Nos		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
78	Fiber Optic Splicing Machine along with relevant KIT and required accessories like splice protection sleeves packet (consist of min 1000 Pc splice protection sleeves) etc.	1	Set		
79	The test, measuring and maintenance equipment for Optical Fiber and Ethernet link (copper) system, should consist of Micro-Fiber Optic end face Inspection Scope, Cleaning kit, Optical Power meter for Multimode and single mode, Portable handheld Ethernet tester, along with their essential accessories like RJ45-RJ45 patch cord, charger, RJ45/11 universal coupler, required probes, 1310/1550 single-mode source, SC, ST, and LC power meter adapters, carrying case etc(As per project requirement)	1	Set		
80	Colour laser Printer with network printing facility for A4 size	1	Set		
81	B/W laser printer with network printing facility for A3 size	1	Set		
82	Any other essential items/Works to complete the Measuring system	1	Lot		
83	Installation , testing and system integration of Measuring System	1	Job		
I	POWER SUPPLY SYSTEM				
84	200 KVA (3 phase) Uninterrupted Power Supply(UPS) operating in (1+0) redundant parallel load sharing mode with Battery backup of 15 minutes(Min.) for each UPS.The isolation transformer will be provided at the output of UPS , internally, for suitable rating(minimum 200 KVA) consisting of				

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		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
a	200 KVA UPS (3 phase) (one no per set)	2	Sets		
b	Battery bank (Min. 216000 VAH) with Battery Bank Stand(one set per UPS)	2	Set		
c	Internal Isolation transformer at the output of UPS(one set per UPS)	2	Nos		
d	UPS and Battery Changeover and Bypass switching system	2	Set		
85	Oil cooled AVR 300 KVA (3 phase) for UPS system.	1	Nos		
86	Oil cooled AVR 150 KVA (3 phase) for Air Conditioning, Light, PDAs	2	Nos		
87	Air cooled Isolation Transformer 300 KVA (Delta 3 phase to Star 3 Phase) at the input of 300 KVA AVR	1	Nos		
88	Minimum 150A 3 phase +Neutral Automatic Power/Transfer Switch with accessories for HPA system.	1	Sets		
89	Power supply Cables, SDBs, PDPs etc consisting of				
a	Supply, Laying and Integration of Power supply Cables (min. 300sq. mm, 4 Core Copper) (with connectors between 3 phase Main LT panel to Main PDP Panel through 300 KVA AVR & 300 KVA Isolation Transformer as per site requirement (Minimum length-50 mtr). as per DRG No. 20	1	Set		
b	Supply, Laying and Integration of Power supply Cables (min. 185sq. mm, 4 Core Copper) with connectors between 3 phase Main LT panel to 3 Phase SDB Panel for Antenna Control Outdoor Unit through 150 kVA AVR & AVR SDB 1 as per site requirement	1	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
	(Minimum length-50 mtr). as per DRG No. 20				
c	Supply, Laying and Integration of Power supply Cables (min. 185sq. mm, 4 Core Copper) with connectors between 3 phase Main LT panel to AVR SDB 2 through 150 kVA AVR as per site requirement (Minimum length-50 mtr). as per DRG No. 20 .	1	Set		
d	Supply, Laying and Integration of four core copper power supplycables of all other equipment like ACs (Tech Area), Lights (Tech area) to AVR SDB 1 as per site requirement and DRG No.20. (Rating of the cable shall be decided as per load of equipment with 50% nominal margin)	1	Set		
e	Supply, Laying and Integration of three core copper power supply cables (as per requirement of equipment) to connect all 22 PDAs through AVR SDB 1 as per site requirement and DRG No.20. (Rating of the cable shall be decided as per load of equipment with 50% nominal margin)	1	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
f	Supply, Laying and Integration of three core copper power supply cables (as per requirement of equipment) of all other equipment like ACs (Tech/Non Tech Area), Lights (Tech/Non Tech area) through AVR SDB 2 as per site requirement and DRG No.20. (Rating of the cable shall be decided as per load of equipment with 50% nominal margin)	1	Set		
g	Supply, Laying and Integration of Power supply Cables (4 Core Copper) with connectors between pannel consisting 4 Pole Industrial MCCBs and UPS Bypass Swiches (both) as per site requirement.. (Minimum length-50 mtr). as per site requirement and DRG No. 20 . (Rating of the cable shall be decided as per load of equipment with 50% nominal margin)	1	Set		
h	Supply, Laying and Integration of Power supply Cables (4 Core/4 single core Copper) with connectors between pannel consisting 4 Pole Industrial MCCBs and 2x (1+0) UPS as per site requirement. . (Minimum length 30 mtr). as per DRG No. 20 .	1	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
i	PDPs for UPS-1 and for UPS-2 (to meet the requirement of distribution of supply to all offerd SDBs) and Supply, Laying and Integration of Power supply Cables (4 Core/ 4 single core Copper) with connectors between UPS Bypass Swiches (both) and PDPs (Minimum length-30 mtr) as per site requirement and DRG No. 20 . (Rating of the cable shall be decided as per load of equipment with 50% nominal margin)	1	Set		
j	Supply, Laying and Integration of Power supply Cables (4 Core/4 single cores Copper) with connectors between (1+0) UPS PDPs (Both) and all SDBs in compression room (Minimum length-30 mtr) as per site requirement and DRG No. 20 & 21. (Rating of the cable shall be decided as per load of equipment with 50% nominal margin)	1	Set		
k	SDBs with industrial MCCBs & MCBs and Supply, Laying and Integration of three core copper power supply cables to connect & meet the requirement of all equipment supplied in Racks of compression Room connected with 2x (1+0) UPS power supply systems as per site requirement and DRG No.21.	1	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
l	Supply, Laying and Integration of Power supply Cables (4 Core Copper) with connectors between (1+0) UPS PDPs and all SDBs in monitoring and IT rooms (Minimum length-50 mtr). as per DRG No. 20 & 21. (Rating of the cable shall be decided as per load of equipment with 50% nominal margin)	1	Set		
m	SDBs with industrial MCCBs & MCBs and Supply, Laying and Integration of three core copper power supply cables to connect & meet the requirement of all equipment supplied and installed in Monitoring Room & IT Room connected with 2x(1+0) UPS power supply systems as per site requirement and DRG No.21. (Rating of the cable shall be decided as per load of equipment with 50% nominal margin)	1	Set		
n	Supply, Laying and Integration of Power supply Cables (4 Core Copper) with connectors between (1+0) UPS PDPs and all SDBs & 3 Phase automatic Transfer/Static Switch in HPA Room and RF control & Monitoring Room (Minimum length-50 mtr) as per site requirement and DRG No. 20 & 21. (Rating of the cable shall be decided as per load of equipment with 50% margin)	1	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
o	SDBs with industrial MCCBs & MCBs and Supply, Laying and Integration of three/four core copper power supply cables to connect & meet the requirement of all equipment supplied and installed in HPA Room and RF control & Monitoring Room connected with 2x(1+0) UPS power supply systems as per DRG No.21. (Rating of the cable shall be decided as per load of equipment with 50% nominal margin)	1	Set		
p	PDP (to meet the requirement of distribution of supply) with suitable rating MCCBs, Bus bar, Voltage and current indicator & meter (as per site requirement) to feed input power supply to 2X(1+0)UPS systems, Antenna control Units etc as per site requirement and DRG No. 20 .	1	Set		
q	PDPs (to meet the requirement of distribution of supply) with suitable rating MCCBs, Bus bar, Voltage and current indicator & meter (as per site requirement) and Supply, Laying and Integration of Power supply Cables (4 Core Copper) with connectors between 150KVA AVR and PDP (for PDA), and connected equipment as per site requirement. (Minimum length-2x25=50 mtr) as per site requirement and DRG No. 20 . (Rating of the cable shall be decided as per load of equipment with 50% nominal margin)	2	Set		
90	Essential items/Works (if Any) to complete the Power Supply	1	Lot		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
	system				
91	Installation , testing and system integration of Power Supply system	1	Job		
J	AIR CONDITIONING SYSTEM				
92	Supply , installation, testing and commissioning of High Cooling Packaged type air-cooled air conditioners with outdoor (condensing unit) consisting of :-				
a	4.5 to 5.5 TR with AHU (Actual capacity @ 18 DegC inside & 43.3 Deg Ambient with 50±5% RH) High Sensible Heat, Air conditioning , industrial grade systems (3 Phase) for 24x 7 operation in HPA Hall 1 (To be used as 3 Sets main and 1 Set standby) (Min)	4	sets		
b	4.5 to 5.5 TR with AHU (Actual capacity @ 18 DegC inside & 43.3 Deg Ambient with 50±5% RH) High Sensible Heat, Air conditioning , industrial grade systems (3 Phase) for 24x 7 operation in HPA Hall 2 (To be used as 3 Sets main and 1 Set standby) (Min)	4	sets		
c	2.0 to 2.5 TR Tower Type (Actual capacity @ 22 to 27 DegC inside & 43.3 Deg Ambient with 60±10% RH) comfort air conditioning (with 3 star BEE rating or better) industrial grade systems (3 Phase) for 24x7 operation in RF MONITORING, NMS & CONTROL HALL (To be used as 3 Sets main and 1 Set standby) (Min)	4	sets		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
d	8.0 to 9.0 TR (Actual capacity @ 22 to 27 DegC inside & 43.3 Deg Ambient with 60±10% RH) comfort Air conditioning, commercial/industrial grade ductable High Sensible Heat cooling air conditioning systems for 24x7 operation for Compression Room. (To be used as 4 Sets main and 1 Set standby) (Min)	5	sets		
93	Any other essential item to complete the Measuring system	1	set		
94	Installation , testing and system integration	1	job		
K	MISCLLANEOUS ITEMS				
95	Control & operators table (for Main Monitoring Room) made of powder coated MS sheet or aluminium to install remote operations & control computer, Remote Control panels, 17" Monitor, monitoring panel with Ampli speaker , measuring Equipment panel and other relevant equipments. (as per site requirement)	1	Set		
96	Control & operators table made of powder coated MS sheet or aluminium to install remote operations & control computer, Remote Control panels, measuring Equipment panel and other relevant equipments (as per site requirement) at- 1-RF Monitoring, NMS and Controll Hall 2-HPA Hall- 1 3-HPA Hall- 2 4-Compression Room 5-IT and Maintenance Room	1	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
97	Supply and installation of electronic thermometer & electronic hygrometere in third party NMS inside on top of each rack along with remote configuration and alarm monitoring system as per DRG No. 25.	1	Set		
98	Temperature and Humidity Monitoring system computer for controls and-monitoring of temperature and Humidity	1	Set		
99	IP Network Switch 48 port with inbuilt dual power supply unit along with rack mounting kit and required CAT 6 Cable & connectors, for control of temperature and humidity	4	Set		
100	Required no. of 19 " , 1000 mm (depth) equipment rack frames (min 50 nos rack) including Installation material audio video cables and matching HD connectors, CAT-6 cable with RJ-45 connectors, Power Supply cable with connectors etc.	1	Set		
101	Required total sets of Mains Distribution Units (MDUs), each having inbuilt (in MDU) or external, dual input, single phase, automatic power transfer/static switches (Min 100 Sets (50x2) of (MDUs)) with sequential delayed output on start up, output status LED and IEC-3 pin (for those equipment which have single power supply input) for equipment in racks.	1	Set		
102	Industrial type 3 pin Male-Female connector (Min 100 nos) as per site requirement	1	Set		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
103	<p>Earthing system and earth pits (Each Set consists of minimum 34 Nos i.e.</p> <p>i-For HPA racks+DBs=1x3=3</p> <p>ii-For Monitoring Rooms+DBs=1x2=2</p> <p>iii-For Isolation Transformer =1x2+2=4 (One each at Input and output Shield +Two earthing for output Neutral)</p> <p>iv-UPS Body earthing+Neutral Earthing =2x2=4</p> <p>v-Body Earthing Racks and UPS DBs=2</p> <p>vi-for Body Earthng (AVR+PDPs+SDBs)=2</p> <p>vii- AVR Neutral for 300+125 KVA = 3</p> <p>viii-Body earthing for UPS Input Panel=2</p> <p>ix- Technical Earth for Rack and UPS DBs= 4</p> <p>x-For Radio Racks =2</p> <p>xi-Lightening Arrestor=2x3=6</p> <p>(Earth Resistance of each pit < 1 ohm)<i>Sample picture is enclosed at DRG No.26.</i></p>	1	Set		
104	Installation material and laying of cables protection pipes	1	Job		
105	Providing & installing overhead cable tray with cover as per site requirement for laying of all cables between to Compression room and HPA Hall	1	Job		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
106	Set of tools consisting of video connectors crimping tools with suitable die-sets of all used connectors, BNC puller, HD BNC Puller, cable strippers of all use cables, set of screw drivers and spanners, Allen key set, DC powered screw and nut openers, digital multimeter, digital clamp on meter, weller soldering station and other essential tools required to be used during installation.	1	Set		
107	High quality professional RJ 45 crimping tool suitable for CAT-5 and CAT-6 Data Cables.	1	Set		
108	16 Port Digital Intercommunication system with five remote wired rack mounted and three wireless belt pack unit and redundant power supply sytem.	1	Set		
109	Heavy Duty, Anti-skid, Foldable, Corrosion Free Aluminium Ladder (Not telescopic) with Top Tool Metal Plate, Both Side Steps. Total length of Both sides of ladder shall be 20 Ft ±1 ft .	1	Set		
110	Inspection tests and analysis, Installation , testing , system integration and commissioning of all equipment supplied in the instant tender for DR Center .	1	Job		
L	DOCUMENTATION				
111	Technical manuals (Hard Copy) for all the equipment supplied	2	Sets		
112	Technical manuals (Softcopy) for all the equipment supplied on DVDs/USBs(with Search facility etc) for the station	2	Sets		
113	All software backups are to be supplied on DVDs/USBs.	2	Sets		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
114	Final laminated Technical Block diagram and detailed Line diagrams (in color) of adequate (A1 or bigger) size for all the modules of the final solution in the facility after the completion of the installation. One set shall be mounted on wall and other for record at Station).	2	Sets		
115	The soft editable copy of Final Technical Block diagram and detailed Line diagrams (in color) for all the modules of the final solution after the completion of the installation are to be supplied in a separate USB .	1	Set		
M	TRAINING				
116	Fifteen separate Seminars (including theoretical & Practical training, hands on experience) for Doordarshan personnel at site. Atleast , Training of each module shall be delivered by the factory Engineer/personnel of OEM. (This training period is not part of Delivery period).				
a	General Layout (01 working day)	1	Job		
b	Input Base band Equipment (03 working day)	1	Job		
c	Digital compression system including NMS and Digital Satellite Modulator system (03 working days)	1	Job		
d	Upconverters, Downconverters , RF System and RF NMS (03 working day)	1	Job		
e	Uplink Antenna and Receive Only Antenna (01 working day)	1	Job		
f	Monitoring and measuring equipment (02 working day)	1	Job		

S.No.	Description of Item as per specification (suggestive BOM)	Quantity as per Suggestive BOM		Make Offered	Lumpsum Cost including CGST/SGST/UTGST/IGST
		Total Qty.	Units (Nos./Sets/Lots/Jobs)		
g	Fire wall, SRT Gateway (01 working day)	1	Job		
h	Power Supply System (01 working day)	1	Job		

MSME UNDERTAKING

(Annexure – O)

(To be given on a Rs. 100/- Stamp Paper)

This Undertaking is made on this ___ day of _____, 2025, by: _____

M/s. [Name of Bidder], having its registered office at..... [address] (hereinafter referred to as the "**Bidder**", which expression shall, unless repugnant to the context or meaning thereof, be deemed to include its successors, legal representatives, and permitted assigns);

IN FAVOUR OF:

Broadcast Engineering Consultants India Limited (BECIL), a distinguished Mini Ratna Public Sector Enterprise, having its Corporate Office at BECIL Bhawan, C-56, A/17, Sector-62, Noida - 201307(UP) (hereinafter referred to as the "**BECIL**", which expression shall, unless repugnant to the context or meaning thereof, be deemed to include its successors, legal representatives, and permitted assigns).

WHEREAS:

1. The **Principal Employer/client**, have awarded the work for execution of the project to BECIL.
2. BECIL through this EOI intends to onboard on agency / agencies for Supply of RFID Enabled Smart Card and Printing of Smart Card with hologram lanyard and PVC Card holder.
3. As per the terms of the EOI, BECIL shall release payment to the selected Bidder/bidders only after receiving the payment from the Principal Employer/client.

NOW THEREFORE, the bidder hereby undertakes and agrees as follows:

1. The bidder acknowledges and confirms that the BECIL shall be liable to make payments only upon receipt of corresponding payments from the Principal Employer/client. Accordingly, the bidder shall not raise any claims, demands, interest, compensation, or initiate any legal proceedings against the BECIL for any delay in payment arising out of delayed release of funds by the Principal Employer/client.
2. The Bidder waives any rights under the Micro, Small and Medium Enterprises Development Act, 2006 (MSMED Act) or any similar legislation or regulation, to the extent such rights conflict with the agreed payment terms under the Subcontract Agreement. The bidder further waives its right to claim Interest on delayed payment by the BECIL, under the Micro, Small and Medium Enterprises Development Act, 2006 (MSMED Act) or any similar legislation or regulation for the time being in force in India.
3. This obligation shall survive the termination or expiry of the Contract signed with the successful bidder selected through this EOI process.

Signature & Stamp of Bidder

(Annexure- P)

PRE-BID AGREEMENT

between

Broadcast Engineering Consultants India Ltd
(A Government of India Enterprise) C-56 /
A-17, Sector- 62 Noida- 201307,
U.P.

and

[vendor name]

[Vendor Address]

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SCHEDULE 1: DETAILED SCOPE OF WORK

PRE-BID AGREEMENT

This Pre-Bid Agreement is executed at Noida on this _____th day of _____ 2025 (“Effective Date”).
Between

Broadcast Engineering Consultants India Limited, a Mini Ratna Public Sector Enterprise of the Government of India having its Registered Office at 56-A/17, Block-C, Sector-62, Noida -201301 (U.P.) and Head Office at 14-B IP Estate Ring Road, New Delhi -110002 acting through **Binay Kumar Tiwari** (hereinafter referred to as "**BECIL or First Party**") which expression shall unless repugnant to the context or meaning thereof, include its successors, authorized representatives and permitted assigns.

AND

M/s **[Vendor full Name]**, registered under the Companies Act, 2013, having registered office at **[Vendor full Address]** acting through Mr. **[Vendor representative name]** (hereinafter referred to as "**[Vendor short name]**" or "**Second Party**") which expression shall unless repugnant to the context or meaning thereof, include its successors, authorized representatives and permitted assigns.

BECIL and **[vendor name]** are individually referred to as "**Party**" and collectively as "**Parties**".

ARTICLE 1: PREAMBLE

WHEREAS BECIL represents that it is an ISO 9001:2015, 27001:2013, ISO/IEC 20000:2012 certified, Mini Ratna, Central Public Sector Enterprise (CPSE) of Government of India, which was established on 24th March 1995. BECIL provides Project Consultancy services, Turnkey solutions, System integration, Operation & Maintenance for the entire gamut of radio and television broadcast engineering. BECIL has also diversified into the domain of businesses pertaining to Strategic National Importance and has won major Projects/ Tenders in the field of Security & Surveillance, IT Networking & Data Centre and Communication Intelligence, Third Party Audit of Optical Fiber Networks.

WHEREAS [vendor name] _____ intro _____.

WHEREAS [Client full name] (hereinafter called "**[client short name]**") has issued a tender vide tender no. _____ dated DD.MM.YYYY for **[clients Tender Name]** hereinafter referred to as "Tender"/"Work"/"Project" (hereinafter called as **Tender or [client short name] Tender or Primary Tender**)

WHEREAS BECIL published EOI No. _____ dated DD.MM.YYYY (hereinafter referred as "**BECIL's EOI**") for **[EOI title/name]**.

AND WHEREAS [vendor name] has been selected as back end partner through the BECIL's EOI process.

AND WHEREAS Parties have accepted to execute the contract if awarded by **[Client Name]** and shall abide by all terms and conditions of such contract signed thereof.

AND WHEREAS BECIL & [vendor name] have jointly accepted to collaborate to prepare and submit its competitive bid against the Tender for [Client Tender Name] floated by [Client Name] vide tender No. _____ dated DD.MM.YYYY.

AND WHEREAS, this Pre-bid agreement is executed solely for the purpose to bid for the tender issued by

[Client name] for [Client Tender Name] and may be superseded by an inter se agreement once the tender is awarded to BECIL.

AND WHEREAS the parties agreed to join its hand on following terms & conditions:

1.1 In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the agreement documents referred to.

1.2 The Parties wish to work together with the understanding that BECIL shall act as the bidder (sole bidder) and [vendor name] as Back end partners for participating in the [Client Name] tender.

1.3 The following documents shall be deemed to form and be read and construed as part of this Agreement–

1. Power of Attorney as per Clause No. 2.1.28 of the Prasar Bharati, Doordarshan RFP
2. Joint Bidding Agreement as per the Clause No. 2.1.30 of the Prasar Bharati, Doordarshan RFP
3. Integrity Pact as per the Clause No. 2.33.8 of the Prasar Bharati, Doordarshan RFP
4. Near Relationship Certificate as per the Clause No. 2.1.30 of the Prasar Bharati, Doordarshan RFP

1.3.1 Tender for [Client Tender Name] vide tender No. _____ dated DD.MM.YYYY.

1.3.2 BECIL's EOI No. _____ dated DD.MM.YYYY for [EOI name].

1.3.2 [vendor name]'s bid received against the BECIL's EOI.

ARTICLE 2: GENERAL

2.1. PURPOSE:

BECIL, as the sole bidder, shall participate in the bidding process in primary tender of [Client Name]. The other party shall function as a back-end partner to support BECIL in fulfilling its obligations under the bid.

The back-end partner hereby undertakes not to participate individually, directly or indirectly, or as part of any other consortium/ arrangement for said tender, either independently or through any of its associates.

2.2 Representation of the Parties: [vendor name] represents to BECIL that as on date of signing this Agreement:

2.2.1 [vendor name] is duly organized, validly existing and in good standing under the laws of its incorporation and has all requisite power and authority to enter into this Agreement.

2.2.2 That the execution, delivery and performance by [vendor name] of this Agreement has been authorized by all necessary and appropriate corporate or governmental action, and will not, to the best of its knowledge:

- (a) Require any consent or approval not already obtained;

(b) Violate any Applicable Law presently in effect and having applicability to it;

(c) Violate the Agreement and articles of association, by-laws or other applicable organizational documents thereof;

(d) Violate any clearance, permit, concession, grant, license or other governmental authorization, approval, judgment, order or decree or any mortgage contract, indenture or any other instrument to which [vendor name] is a party or by which [vendor name] or any of their properties or assets are bound or that is otherwise applicable to [vendor name];

(e) Create or impose any license, mortgages, pledges, claims, security interests, charges or Encumbrances or obligations to create a lien, charge, pledge, security interest, encumbrances or mortgage in or on the property of such Party, except for encumbrances that would not, individually or in the aggregate, have a material adverse effect on the financial condition or prospects or business of [vendor name] so as to prevent such Parties from fulfilling their obligations under this Agreement.

2.2.3. [vendor name] has not been black-listed by Central/ State Government or any other Government PSU and are not facing/ likely to face any disciplinary proceedings under Indian or under laws of any other country.

2.2.4. That this aforementioned TENDER is the legal and binding obligation of such Parties, enforceable in accordance with its terms against it;

2.2.5. That there is no litigation pending or, to the best of [vendor name] knowledge, threatened to which it or any of its affiliates is a party that presently affects or which would have a material adverse effect on the financial condition or prospects or business of such Party in the fulfillment of its obligations under this Agreement.

2.2.6. That there is no legal action/dispute initiated or pending on [vendor name] at the time of signing of this Agreement which is likely to concern or affect BECIL in any manner. If any such case is found pending, the agreement will automatically become invalid and the agency will be penalized by withholding the EMD/ PBG and legal action will be initiated as deemed fit by the competent authority. All ongoing and future business association with BECIL will also be terminated.

ARTICLE 3: PROJECT BACKGROUND AND SCOPE OF WORK

3.1 Project Background

From Client's Primary Tender

3.2 Scope of Work

The detailed scope of work for System Integrator has been given in the Schedule- I to this Agreement. For the detailed scope of work [vendor name] shall also refer to the primary tender document, its amendments in the form of corrigenda and subsequent contract signed between BECIL and [Client Name] in the event of award of tender.

ARTICLE 4: ROLES AND RESPONSIBILITIES

4.1 Both BECIL and Consortium partners shall be jointly and severally responsible for compliance of all the terms and conditions of the Doordarshan RFP, this agreement and BECIL's contract with Doordarshan relating to performance of this agreement. Any noncompliance by either party of the Consortium shall be treated as a breach of this agreement.

4.2 BECIL and [vendor name] hereby mutually agree that both of them shall remain as irrevocable members of this tie-up for the complete execution and completion of [Client Name] Tender/Work/Project (as per scope of aforementioned BECIL's EOI & [Client Name] tender).

4.3 DUTIES & OBLIGATIONS OF [vendor name]

4.3.1. [vendor name] will supply entire range of services for efficient completion of scope of works under the [Client Name] tender.

3.2. For the project to be undertaken, [vendor name] would formulate state-of-the-art, optimum and **General Standards of performance.** [vendor name] shall carry out the Services with due diligence and efficiency, and shall exercise such skill and care in the performance of the services as is consistent with recognized professional standards. [vendor name] shall act at all times so as to protect the interests of BECIL and the Consortium..

4.3.3. [vendor name] have read and understood the terms and conditions of the [Client Name] tender and it agree to support BECIL in abiding by those terms and conditions.

4.3.4. [vendor name] confirms that they understood on-ground technical complication and they agree to have taken into consideration the manpower required on the basis of the scope of work.

4.3.5. [vendor name] has understood the requirement in terms of ROW, Terrain and other clearances required to execute the project. They agree to manage these requirements at their own cost without any liability on BECIL in this regard.

4.3.6. [vendor name] have agreed to accept all the challenges with regard to Time Overrun, Cost Overrun, payment terms & Liquidated Damages & Penalties and confirm, to abide by the timeline in-case the project is awarded.

4.3.7. [vendor name] has agreed to accommodate the change in scope of work by [Client Name] whether or not incidental and ancillary, to achieve the objective as per the [Client Name] tender requirement, without any additional cost to BECIL.

4.3.8. [vendor name] have agreed to abide by all the terms on back to back basis as per the System Integrator duties and Obligations as specified in the [Client Name] tender.

4.2.9 [vendor name] shall be responsible for the detailed Scope of Work at Clause 3.2 and Schedule 1 of this agreement.

4.2.10 Since payment conditions are on back to back basis and time is the essence of the project; [vendor name] should maintain sufficient liquidity/funds for timely and smooth execution of the project.

4.3. DUTIES AND OBLIGATIONS OF BECIL

4.3.1. BECIL shall act as coordinator/ Project Management Consultant. Providing timely feedbacks and correspondences with the [Client Name] on the various stages of project deliverables.

4.3.2. To ensure the technical, commercial and administrative coordination of the project.

4.3.3. To lead the contract negotiations of the project with the [Client Name] authority.

4.3.4. In the event of project getting awarded, BECIL shall act as the only channel of communication

between the [Client Name] authority and [vendor name] to execute the project/ Agreement.

4.4. RESPONSIBILITY MATRIX

In addition to the aforementioned duties and obligations of the parties, the Agreement will cover the following scope to be undertaken by Parties as mentioned in the Responsibility Matrix given below.

P-Primary Responsibility

S-Secondary

Responsibility J- Joint

Responsibility

N- No Responsibility

S.NO.	Description	BECIL	[vendor name]
	PRE-BID RESPONSIBILITY		
1.	Pre-bidding site survey, if any	S	P
2.	Fully complied technical bid response preparation as per tender Terms & Conditions.	J	J
3.	Competitive commercial bid preparation as per tender	J	J
4.	Documentation and correspondence with the customer.	P	N
5.	Provisioning of EMD/ Bid Security as per tender requirement.	P	S
6.	Provision of Back to Back EMD except by MSE/Start Ups as per GoI guidelines.	N	P
7.	Provisioning of any other required document for bidding.	J	J
8.	Submission of complete techno-commercial offer to the customer in requisite mode.	J	J
9.	Any Presentation if required during the tender evaluation.	S	P
10.	Any other relevant follow up, correspondence and meetings with customer.	P	S
	POST-BID RESPONSIBILITY (In the event of winning the contract)		
1.	Signing of contract with the [Client Name]	P	N

2.	Submission of PBG to [Client Name]	J	J
3.	Submission of back to back PBG to BECIL	N	P
4.	Any relevant follow up, correspondence and meeting with the customer	P	S
5.	Executing the entire Scope of Work to the satisfaction of the [Client Name] .	S	P
6.	Providing project finance/working capital for timely execution of the project.	N	P

4.5 COVENANTS: The Parties hereby undertake that in the event the BECIL is declared the selected Bidder and awarded the project, BECIL shall enter into an Agreement with [Client Name] for performing all the obligations as **System Integrator**.

4.6 ROLE OF THE PARTIES: The Parties hereby undertake to perform the roles and responsibilities as described below.

(a) BECIL shall be the Lead member of the Consortium participating in the tender and shall have the power of attorney from consortium partners for conducting all business for and on behalf of the Consortium during the Bidding Process and until the expiry of the Defects Liability Period under and in accordance with the Contract Agreement;

(b) The consortium partners shall be {the Technical Members of the Consortium being formed to participate in the RFP};

4.7 JOINT AND SEVERAL LIABILITY

4.8.1 The Parties do hereby undertake to be jointly and severally responsible for all obligations and liabilities relating to the package and in accordance with the terms of the RFP, which is limited to revenue sharing ratio.

4.8.2 The Parties do hereby undertake and declare that the BECIL shall represent all the members of the Consortium and shall at all times be liable and responsible for discharging the functions and obligations of the Consortium; and that each member of the Consortium partners shall be bound by any decision, communication, notice, action or inaction of BECIL on any matter related to this Agreement and the Prasar Bharati, Doordarshan shall be entitled to rely upon any such action, decision or communication of BECIL. The Prasar Bharati, Doordarshan shall have the right to release payments solely to BECIL and shall not in any manner be responsible or liable for the inter se allocation of payments among members of the Consortium partners.

ARTICLE 5: COOPERATION OF THE TRANSACTION

5.1 The parties agree to abide by the broad Responsibility Matrix mentioned above and forms an integral part of this Agreement including all the tender terms such as General Requirements, Technical Parameters, Commercial Aspects, Evaluation and Acceptance criteria of the tender, Guarantee/ Warranty terms etc.

5.2 Expenses towards preparation of proposal, submission of bid and other allied activities for submission of bid will be undertaken by the respective parties at their own cost.

5.3 The cooperation for execution of the Project between the parties hereto shall be exclusive, i.e., neither of them shall without the other party's consent - alone or together with another PARTY take part in any agreement or proposal with regard to this tender.

ARTICLE 6: PERIOD OF AGREEMENT

6.1 The term of this agreement shall be for Months ("Term") from the date of signing of this agreement ("Effective Date") or till the completion of the project & release of all payments thereof whichever is later. All obligations hereunder shall only apply during the Term of this agreement and to such obligations and commitments in relation to the Tender/Work/Project under the scope of BECIL's EOI & Client Name tender, as may have been undertaken by the Parties during the Term with validity exceeding the Term. The Term of this agreement can be extended by mutual agreement between the Parties, depending upon the requirement

NB- Completion shall mean certificate of Completion issued by BECIL.

ARTICLE 7: PAYMENT AND COMMERCIAL

7.1 BECIL will Provision the EMD to Client Name as per the Primary tender requirement.

7.2 vendor name will provision for Back to Back EMD of equal amount to BECIL, except in case the vendor name is MSME/Start Ups and are exempted from paying EMD as per GOI guidelines.

7.3. BECIL shall furnish Performance Security in the form of PBG as per the terms and conditions of primary tender.

7.4 [vendor name] will furnish back to back performance Security in the form of PBGs to BECIL as per the terms & conditions of the primary tender. The PBG shall remain valid up to 60 days beyond the date of expiry/date of claim of the PBG submitted by BECIL to [Client Name].

7.5. [vendor name] will raise its invoices to BECIL based on milestone completion. BECIL will then raise the invoices to [Client Name] (as per relevant clause of primary tender) after getting the relevant documentary proofs of successful completion of the said milestones from [vendor name].

7.6 BECIL shall be entitled to keep ___% of the project value (of bid value including taxes submitted by BECIL to [Client Name]) as its project management consultancy.

7.7 Upon receipt of corresponding payment from the [Client Name], BECIL shall disburse the payment to [vendor name] within 15 days of receipt of the payment from [Client Name] after deduction of BECIL project management consultancy as per clause 7.6 and expenses as per clause 7.9 and BG making charges, if any.

7.8 All Invoices received from [vendor name] would be inclusive of all statutory taxes/ GST. BECIL will consider invoices raised by [vendor name] to submission of all relevant documents and in case the documents are not proper, BECIL is liable to reject the invoices.

7.9 In case BECIL is required to open the offices, the office rent (including the maintenance & electricity charges as applicable) shall be recovered by BECIL from [vendor name]. Also, the Salaries paid to the manpower deployed on the payroll of BECIL, specifically employed for this project shall be recovered from [vendor name].

7.10 Salaries paid to the manpower deployed on the payroll of BECIL and Office rent paid for this project as per clause 7.9 above, shall be recovered by BECIL from the stage-wise Milestone payments payable to [vendor name].

7.11 Notwithstanding anything contained in any other agreement, document, correspondence, arrangement between the parties in respect of [Client Name] Tender/ Works / Projects, [vendor name] understands, agrees and undertakes that:

7.11.1 [vendor name] participated in BECIL's EOI and that all terms & conditions of the BECIL's EOI shall apply to [vendor name].

7.11.2 The payments terms between BECIL & [vendor name] are on back-to-back basis and the payment shall be released by BECIL only if and when received by BECIL from [Client Name] and subject to terms & conditions of agreement and submission of complete required documents.

7.11.3 [vendor name] will not demand or make any claim under any law with respect to the pending payment till the time corresponding payment is received by BECIL from [Client Name]. BECIL shall not be responsible in any manner whatsoever for any delay in releasing the payments or withholding of payments by [Client Name].

7.11.4 The (day) date of delivery of goods and/or rendering of services by [vendor name] shall be the date or realization of payment from the [Client Name] once the goods and/or services are accepted by

[Client Name].

7.11.5 The stage wise invoices raised by [vendor name] maybe accepted by BECIL, however, the date of completion of the milestone / delivery of goods or services shall only be recognised for invoice and its payment when the respective acceptance of goods or services and payment thereof is received from [Client Name].

7.11.6 If in the instant contract, [vendor name] is acting only as trader / reseller / distributor/ authorized agents and/ or is engaged in a WORKS contract, no benefits under MSME Act 2006 and PPP Policy 2012 as per MSE Guidelines issued by Ministry of MSME would be applicable to it on account of acceptance of back to back payment terms as above. By agreeing to the terms of [Client Name] Tender, the [vendor name] agrees to forgo its rights under this Act and Policy.

7.11.7 [vendor name] hereby agrees to ensure timely GST compliances as per the statutory requirements. All the costs pertaining to any GST non-compliance including but not limited to any loss of eligible input tax credit due to non-payment/non-filing of GST return and applicable interest/penalties shall be borne/indemnified by [vendor name]. Further [vendor name] hereby agrees that BECIL reserves the right for reimbursement of any such cost incurred out of the aforesaid noncompliance(s). [vendor name] will provide proof of payment of GST i.e. GSTR-1, GSTR-3B, etc. for taking GST payment from BECIL against invoices.

7.12 Any sum of money due and payable to [vendor name], under this contract for [Client Name] tender entered between the parties herein whether continuing or completed may be appropriated by BECIL and set off against any claim of BECIL of any nature whatsoever, arising under this contract or any other contract entered into between the parties, herein whether continuing or complete.

7.13 There is also expenses towards Office establishments/ Purchase of fixed assets (with mutual consent) in the project. All such expenditure must be treated as direct expenditure and will be borne by directly [vendor name].

7.14. Payments shall be released to [vendor name] only on satisfactory acceptance of the deliverables by [Client Name] for each task and release of payment by [Client Name] as per the schedule given at clause _____ primary tender of [Client Name] and Corrigendum issued thereof.

ARTICLE 8: GENERAL TERMS & CONDITIONS

8.1 AGENCY

This Agreement between the parties is on a principal to principal basis and it is agreed that [vendor name] is not and shall not represent itself as an agent of BECIL.

8.2 CONFIDENTIALITY AND NON-DISCLOSURE

8.2.1 The [vendor name]. recognizes, accepts and agrees that disclosure of Confidential information to the Staff shall be only on a need-to-know basis and only those staff who are involved in rendering the services and need to have access would alone be informed of Confidential information.

8.2.2 The [vendor name]. recognizes, accepts and agrees that all tangible and intangible information obtained or disclosed to the Bidder's and/or its staff, including all details,

documents, data, business/ customer information and the BECIL 's practices and trade secrets (all of which are hereinafter collectively referred to as "confidential information") which may be communicated to the [vendor name]. 's and/or its facility staff may be privy under or pursuant to this Contract and/or in the course of performance of the [vendor name]. 's obligations under this Contract shall be treated, as absolutely confidential and the [vendor name]. irrevocably agrees and undertakes and ensures that all its facility staff shall keep the same as secret and confidential and shall not disclose the same at all in whole or part to any Person or persons (including legal entities) an any time or use nor shall allow information to be used for any purpose other than that as may be necessary for the due performance of the [vendor name] obligations hereunder except when required to disclose under the due process and authority of law.

8.4. INTELLECTUAL PROPERTY RIGHTS

8.4.1. 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, must not be shared with third parties or reproduced, whether in whole or part, without BECIL's/ the procuring entity's prior written consent.

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

8.4.3 The [vendor name] shall not incorporate any materials, technology or any item or thing that involves the use of intellectual property rights or proprietary rights that the [vendor name] does not have the right to use or that may result in claims or suits against BECIL arising out of claims of infringement of any intellectual property rights or other proprietary rights.

8.4.4 The [vendor name] shall perform all acts necessary to obtain and continue to have all necessary licenses, approvals, consents of third parties free from any encumbrances and all necessary technology, hardware and software to enable it to perform its obligations under this Contract . If license agreements are necessary or appropriate between the [vendor name] and third parties for purposes of enabling, enforcing or implementing the provisions hereinabove, the Bidder shall be under an obligation to enter into such agreements at its own sole cost, expense and risk.

8.5 RISK & COST CLAUSE

8.1 In case of persistent breach/default of the terms and conditions of the Contract and due to abnormal delay (beyond the maximum late delivery in the Liquidated damages clause) in supplies, defective supplies or non-fulfilment of any of the terms and conditions of the RFP and the Work Order, BECIL may cancel the contract/Work Order in full or part thereof, and will procure supplies/equipment's or ensure the execution of work or any pending service in case of service contract from other willing vendor at the risk and cost of the Bidder/Agency.

8.2 Risk & Cost Clause, in line with Conditions of Contract may be invoked in any of the following cases:

8.2.1 Agency/ Bidder's poor progress of the work vis-à-vis execution timeline as stipulated in the Contract, backlog attributable to Agency including unexecuted portion of work/ supply does not appear to be executable within balance available period.

8.2.2 Withdrawal from or abandonment of the work by Agency/Bidder before completion of the work as per contract.

8.2.3 Non completion of work/ Non-supply by the Agency/ Bidder within scheduled completion/delivery period as per RFP or as extended from time to time, for the reason attributable to the Agency/ Bidder.

8.2.4 Termination of Contract on account of any other reason (s) attributable to Agency/ Bidder.

8.2.5 Assignment, transfer, subletting of Contract by the Agency/Bidder without BECIL's written permission resulting in termination of Contract or part thereof by BECIL.

8.6 Extension of time

8.6.1 It is hereby agreed that BECIL shall by mutual agreement update and extend the timeline/ milestone for the completion of work after discussion with the Client and its officials.

8.6.2 Any period within which [Vendor name] is unable to complete the work or perform its obligations due to persistence of force majeure event, shall be extended for a period equal to the time during which the [Vendor name] was unable to perform such action.

8.6.3 Any extension of time agreed upon mutually shall be documented in writing and signed by both the parties to be affected.

8.7 LIQUIDATED DAMAGES

If the [Vendor name] fails to achieve the completion of the work in accordance with the scheduled completion date as given in the RFP or the subsequent Work Order issued thereto, BECIL may without prejudice to any other right or remedy available to it as under the Contract or Law:

8.7.1 Any liquidated damages imposed on BECIL by the Client, BECIL shall pass on the entire quantum of liquidated damages to the bidder/ selected agency on back-to-back basis.

8.7.2 The amount towards Liquidated Damages shall become leviable from the scheduled completion date or from the expiry of the extension, if any, given by BECIL without the levy of Liquidated damages.

8.7.3 BECIL may without prejudice to its right to effect recovery by any other method, deduct the amount of Liquidated Damages from any money belonging to the Bidder which has become due or payable (which shall also include BECIL's right to claim such amount against Bidder's Bank Guarantee)

8.7.4 Any such recovery of Liquidated Damages shall not in any way relieve the Bidder from any of its obligations to complete the works or from any other of its other obligation and liabilities under the Contract.

8.8 Undue Influence

8.8.1 The [Vendor name] undertakes that it has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the BECIL or otherwise in procuring the Contracts or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the present Contract or any other Contract with the Government of India for showing or forbearing to show favor or disfavor to any person in relation to the present Contract or any other Contract with the Government of India.

8.8.2 Any breach of the aforesaid undertaking by the [Vendor name] or any one employed by it or acting on its behalf (whether with or without the knowledge of the Agency) or the commission of any offers by the Agency or anyone employed by him or acting on his behalf, as defined in the Bharatiya Nyaya Sanhita, erstwhile known as the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1986 or any other Act enacted for the prevention of corruption shall entitle BECIL to cancel the contract and all or any other contracts with the [Vendor name] and recover from the [Vendor name] the amount of any loss arising from such cancellation.

8.9 Unethical Practice

8.9.1 If the [Vendor name] has engaged in corrupt, fraudulent, collusive and coercive practices or defaulted commitments under integrity.

8.9.2 Any intentional omission or misrepresentation in the documents submitted by the [Vendor name] for the purpose of due diligence or for the execution of any act essential for the execution of the Project.

8.9.3 If the [Vendor name] uses intimidation / threats or bring undue outside pressure on BECIL or any of its official for acceptance / performances of the deliverable/qualified work under the contract:

8.10 Penalty for Unethical Practice and Undue Influence

8.10.1 Forfeiture of Bank guarantee or any other bond or bid security submitted by the [Vendor name].

8.10.2 Cancellation/ termination of the Contract with the liberty to recover the accrued losses/damages from the pending bills raised by the Bidder against the delivery of material and execution of work.

8.10.3 Initiation of arbitration /legal proceedings to recover losses or damages incurred by BECIL due to the violation of ethical practice or use of undue influence by the [Vendor name].

8.11 PENALTIES

8.11.1 In the event of any penalties, deductions, disincentives, or charges levied by the [Client Name] due to poor or substandard quality of work, non-compliance with service standards, or any deficiencies related to the assigned scope of work, the same will be recovered from the bills submitted by the System Integrator.

8.11.2 The System Integrator shall bear the full financial responsibility for such penalties or deductions imposed on BECIL by [Client Name] and will not be entitled to claim any reimbursement or adjustment for the same.

8.12 TERMINATION

8.12.1 Termination of Contract by BECIL due to unsatisfactory performance

8.12.1.1 If the [Vendor name] refuses or fails to execute the specified quantum of work or any separate part thereof with diligence or ensure its completion within the time specified in the RFP, or subsequent work order issued thereto, then it shall be open to BECIL at its option by written notice to the [Vendor name] to-:

8.12.1.2 To terminate the contract without prejudice to any other remedy available under the Contract. That a notice of cure, highlighting the deficiency or problem shall be served on the [Vendor name] by BECIL, with an opportunity to cure the same within a window period of 15 days. That on the non-resolution of deficiency, a notice of termination shall be served on the [Vendor name] and the Contract shall be deemed terminated after a period of 15 days from the date of notice of termination.

8.12.1.3 That the contract shall stand terminated and shall cease to be in force and in effect after a fifteen day period from the date of the notice of termination. The [Vendor name] in consequence of the above, shall stop forthwith any of its work then in progress, except such work as BECIL may, in writing, require to be executed at the designated site/premises.

8.12.1.4 That the whole or part of the performance security furnished by the [Vendor name] is liable to be forfeited without prejudice to the right of BECIL to recover from the [Vendor name] any accruing or incurred losses or damages, on account of termination of contract due to unsatisfactory performance/ delay in execution of work.

8.12.2 Termination due to breach

8.12.2.1 BECIL may, without prejudice to any other remedy available for the breach of contract, may terminate the contract in sub-sequence to non –resolution of deficiency after the service of a notice of cure with a window period of fifteen days. After the end of the cure period, a 15 (fifteen) days' notice shall be served on the [Vendor name], and the contracts shall be deemed terminated after the end of the period of fifteen days from the date of notice of termination.

8.12.2.2 The following sub-clauses shall attract the provision of termination, in the event if -:

- a. If the [Vendor name] has abandoned or repudiated the Contract;
- b. If the [Vendor name] has without valid reason failed to commence work on the project promptly;
- c. If the [Vendor name] has persistently failed to execute the works/express deliverable in accordance with the Contract or persistently neglects to carry out its obligations under the Contract without just cause;
- d. If the [Vendor name] defaults in proceeding with the works/job with due diligence and continues to do so after a notice in writing of fifteen (15) days from BECIL;

e. If the [Vendor name] has obtained the contract as a result of undue influence or has adopted unethical means/corrupt practices.

f. if the information submitted/furnished by the [Vendor name] is found to be incorrect;

8.12.2.3 That any pending bills/ invoices raised by the [Vendor name], prior to or post the termination of the contract on account of its breach of terms and conditions shall be put on hold for a period of six weeks, and any amount deducted by the Client against the bills raised by BECIL shall be consequently deducted from the bills raised by the [Vendor name], respectively.

8.12.3 Termination due to Insolvency

8.12.3.1 If the [Vendor name] dissolves or becomes bankrupt or insolvent or causes or suffers any receiver to be appointed for its business or any assets thereof compound with his Creditors, or being a corporation commences to be wound up, not being a member's voluntary winding up for the purpose of amalgamation or reconstruction, or carries on its business under a Receiver for the benefits of its Creditors any of them, then BECIL shall be at liberty :-

8.12.3.2 To terminate the contract forthwith upon coming to know of the happening of any such event as aforesaid by a fifteen day notice in writing to the [Vendor name] or to give the Receiver or liquidator or other person, the option of carrying out the contract subject to its providing a guarantee up to an amount to be agreed upon by BECIL for due and faithful performance of the contract.

8.12.4 Termination for Convenience

BECIL can terminate the Agreement by serving a 30 day notice without assigning any cause or reason on the part of [Vendor name]. The contract shall be deemed terminated after a period of 30 days from the date of termination notice.

8.13 Post Termination Responsibility :

8.13.1 In all cases of termination herein set forth, the obligations of BECIL to pay shall be limited to the period up to the date of termination, subject to the receipt of such payment from the Client.

8.13.2 That any pending bills raised by the [Vendor name], prior to or post the termination of the Contract on account of the breach of the terms and conditions of the contract, shall be put on hold, till the time the corresponding payment is received from the Client and any amount deducted by the Client against the bills raised by BECIL shall be consequently deducted from the bills raised by the Bidder respectively.

8.13.3 The [Vendor name] shall forthwith stop any of its work then in progress, except such work as BECIL may, in writing, require to be executed at the designated site/premises.

8.13.4 That in the event of termination under clause 8.12.1 and 8.12.2 the whole or part of the performance security furnished by the [Vendor name]. is liable to be forfeited without prejudice to the right of BECIL to recover from the [Vendor name]. any accruing or incurred losses or damages, on account of termination of contract due to unsatisfactory performance/ delay in execution of work

8.14 TAXES

8.14.1 [vendor name] shall bear all taxes and duties etc. levied or imposed on them under the Agreement including but not limited to, Customs duty, Excise duty, GST, any other taxes and all Income Tax levied under Indian Income Tax Act – 1961 or any amendment thereof during the entire Agreement period.

8.14.2 Should [vendor name] fail to submit returns/ pay taxes in times as stipulated under applicable Indian/ State Tax Laws and consequently any interest or penalty is imposed by the concerned authority, [vendor name] shall pay the same. [vendor name] shall indemnify BECIL against any and all liabilities or claims arising out of this Agreement for [Client Name] tender for such taxes including interest and penalty by any such Tax Authority may assess or levy against the BECIL.

8.15 Indemnity

8.15.1 The Bidder shall indemnify, save, hold harmless and defend BECIL and its officers, servants, employees and agents promptly upon demand and at its expense, from and against any and all suits, proceedings, actions, demands, losses, claims, damages, liabilities, costs (including reasonable attorney's fees and disbursements) and expenses (collectively, "Losses") to which BECIL may become subject, insofar as such losses arise out of, in any way relate to, arise or result from:

- a) Any Compensation/ claim or proceeding by any third party against BECIL arising out of any act, deed or omission by the [vendor name] ;
- b) Any breach by the [vendor name] of any of its obligations under this Contract or from any negligence under the Contract, including any errors or deficiencies in the performance its scope of work.

8.15.2 That BECIL shall have no liability whatsoever for any injury/death to the staff of [vendor name] caused or suffered during the performance of it's obligations hereunder

8.16 ASSIGNMENT AND SUB-CONTRACTING

8.16.1 Neither this agreement nor any of the rights and obligations under it can be assigned by any party. Parties may engage sub-contractors by mutual consent.

8.16.2 [vendor name] shall not participate directly or indirectly whether in consortium or separately in [Client Name] Tender and shall not quote rates to any other party participating/pre-qualified for the current [Client Name] Tender directly or indirectly through its subsidiary, partnership, ownership, individual firm etc.

8.17 FORCE MAJEURE

8.17.1 For the purpose of this Contract, the term “Force Majeure” shall mean an event which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable and not brought about by or at the instance of the Party claiming to be affected by such events and which has caused the non-performance or delay in performance, and which makes a Party’s performance of its obligations hereunder impossible or impractical as reasonable to be considered impossible in the circumstance, inclusive of but not limited to war, riots, civil disorder, earthquake, fire, strikes, lockouts or other industrial action (except where such strikes lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent), confiscation or any other action by the Government Agencies.

8.17.2 Force Majeure shall not include (i) any event which is caused by the negligence or intentional action of a Party or by of such Party’s agents or employees, nor(ii) any event which a diligent party could reasonably have been expected both to take into account at the time of the acceptance of the work order under this RFP, and avoid or overcome with persistent effort in carrying out its respective obligations.

8.17.3 In the case of failure to perform this Agreement due to any force majeure, neither party shall be liable for such failure, and this Agreement shall be terminated automatically, if the persistence of such force majeure event continues for more than three months. In the case of failure to perform any part of this Agreement due to any force majeure, the party suffering from such force majeure may be exempted from corresponding liability to the extent of the impact of such force majeure. However, such party shall continue to perform other obligations under this Agreement which have not been affected by such force majeure.

8.18 GOVERNING LAW AND JURISDICTION

8.18.1 This agreement is governed by the laws of India and each Party irrevocably and unconditionally submits to the exclusive jurisdiction of the Courts at New Delhi, India.

8.18.2 Where the [vendor name] has not agreed to dispute resolution, the dispute/ claims arising out of the tender and this agreement shall be subject to the jurisdiction of the competent courts at New Delhi, India.

8.19 ARBITRATION CLAUSE

8.19.1 Conciliation of Dispute

8.19.1.1 Any dispute(s) /difference(s)/issue(s) of any kind whatsoever between/amongst the Parties arising under/out of/in connection with this contract shall be settled mutually and amicably between the Parties, within a time span of thirty days from the date of invocation of dispute vide a written notice by the Aggrieved party. The Aggrieved Party shall notify the other party in writing about such dispute(s)/difference(s)/issue(s) between/amongst the Parties and that such a Party wishes to refer the dispute(s)/ difference(s)/issue(s) to Conciliation. Such Notice/Invitation for Conciliation shall contain sufficient information as to the dispute(s)/ difference(s)/issue(s) to enable the other Party to be fully informed as to the nature of the dispute(s)/ difference(s)/issue(s), as well as the amount of monetary claim.

8.19.1.2 That in the event of reference of dispute for Conciliation, a committee comprising of two members, nominated by each party i.e. the [VENDOR NAME] and Becil respectively shall try to amicably resolve/settle the dispute.

8.19.2 Reference of Dispute to Arbitration

8.19.2.1 In the event of failure in mutual resolution of the issue, any dispute(s)/ controversy(s)/ issue(s) arising out of or in connection with the contract, including any question regarding its existence or validity shall be referred to and finally resolved by Arbitration administered by the Delhi International Arbitration Centre as per the Delhi International Arbitration Centre proceeding Rules 2023.

8.19.2.2 The Aggrieved party wishing to refer a dispute to Arbitration shall give a notice to the Defaulting Party specifying all the points of dispute(s) with details of corresponding the claim amount.

8.19.2.3 The Arbitration Proceeding shall commence within a span of thirty days from the date of receipt of Invocation Notice complete in all respects as mentioned above,

8.19.2.4 The dispute(s)/ difference(s)/controversy(s) shall be adjudicated by a single/sole Arbitrator empanelled with the Delhi International Arbitration Centre.

8.19.2.5 The seat of Arbitrations shall be at New Delhi and the Arbitration proceeding shall be conducted in English.

8.19.2.6 The award of Sole Arbitrator shall be final and binding on the parties and unless directed/awarded otherwise by the Sole Arbitrator, the cost of arbitration proceedings shall be shared equally by both the parties.

8.19.2.7 The provision of the Arbitration and Conciliation Act, 1996 as amended and applicable from time to time shall apply to the Arbitration proceedings under this Contract.

8.19.2.8 That any claim of damage(s) or losse(s) incurred by BECIL as a consequence of the invocation of the litigation/arbitration proceeding owing to the suspension or abandonment of work by the [vendor name] shall be reimbursed by [vendor name]

8.19.4.2 In the event of initiation of AMRCD proceedings between BECIL and the client, the decision / mutual settlement arrived at, on the conclusion of the proceeding between the parties, shall in turn become applicable on [vendor name]

8.21 RIGHT TO INSPECTION

8.21.1 That BECIL and its field officers or its Auditors, shall have the right to carry out inspection checks and tests, and do audit of the Bidder's premises, personnel and records relating to the project in order to ensure there is no compromise on the quality of goods/services provided by the Bidder to the BECIL and its Client. The BECIL has a right to review and monitor the security practices and control procedures adopted by the Bidder. The Bidder shall produce and make available all such books, records, information,

etc., related to project work for the purpose of Inspection/ audit as and when required.

8.21.2 That BECIL shall have the right to review and monitor the performance of the Bidders on a continuous basis system integrator shall furnish necessary particulars, statements, etc., as desired by the BECIL in a periodical manner for the purpose of assessment of their performance.

8.22 NOTICES

8.22.1 Any notice, invoice, approval, advice, report or notification in connection with this Contract shall be in writing and any notice or other written communication pursuant hereto shall be signed by the party issuing the same and shall be addressed to the BECIL or the System Integrator and may be given by delivering the same by hand or sending the same by prepaid registered mail, official e-mail or facsimile to the relevant address set forth below or such other address as each Party may notify in writing to the other Party from time to time. Any such notice given as aforesaid shall be deemed to be served or received at the time upon delivery (if delivered by hand) or upon actual receipt (if given official e-mail or facsimile) or Fifteen (15) clear days after posting (if sent by post).

(a) Any notice or other document which may be given by either Party under the Contract/ Agreement shall be given in writing in person or by pre-paid recorded delivery post, email.

(b) In relation to a notice given under the Contract/ Agreement, any such notice or other document shall be addressed to the other Party's principal or registered office address as set out below:

<p>Name: Mr. Binay Kumar Tiwari Designation: Dy. General Manager Address: Broadcast Engineering Services India Ltd, C-56/ -17, Sector-62, Noida- 201307, U.P. Email: binaytiwari@becil.com</p>	<p>Name: Mr. [vendor representative name] Designation: _____ Address: [Vendor Address] Email: [Vendor Email]</p>
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8.22.2 In relation to a notice given under the Contract/ Agreement, a Party shall specify the Parties address for service of notices, any such notice to be copied to the Parties at the addresses set out in this tender.

8.22.3 Any such notice or other document shall be deemed to have been given to the other Party (or, if relevant, its relevant associated company) if delivered between the business hours of 9.00 am and 5.30 pm at the address of the other Party set forth above, or on the next working day thereafter if delivered outside such hours, and 7 days from the date of posting (if by letter).

8.22.4 Either Party to the Contract may change its address, telephone number, and nominated contact for notification purposes by giving the other Party reasonable prior written notice of the new information and its effective date.

8.24 No Waiver

No failure on the part of the either party hereto to exercise, and no delay on its part in exercising, any right or remedy under this Contract will operate as a waiver thereof nor will any single or partial exercise

of any right or remedy preclude any other or further exercise thereof or the exercise of any other right or remedy and the same shall not affect in any manner the effectiveness of any of the provisions of this Contract.

8.25 SURVIVAL

8.25.1 The Rights and obligations under this Agreement that by their nature should survive and will remain in effect after termination or expiration of this Agreement.

8.25.2 Each indemnity and guarantee arising in respect of this agreement survives the performance of obligations arising out of or under this agreement and the termination of this agreement and will continue in force as long as necessary to affect their purpose.

8.26 AMENDMENT

Unless otherwise stated expressly, this Contract shall be modified only by an instrument in writing duly executed by both the parties.

8.27 SEVERABILITY

If any provision of this agreement is held invalid by any law or regulation of any government or by any court or arbitrator, that invalidity will not affect the enforceability of any other provision.

8.28 DAMAGES

Once the Bid has been submitted for primary tender of [Client Name], [vendor name] cannot withdraw from the Agreement. Any damage/ loss caused to BECIL due to failure on the part of the [vendor name] to enter into a detailed agreement with [Client Name] shall be borne by the [vendor name] and will be made good by the [vendor name] in case BECIL has to make payment of any damages/penalty to [Client Name].

8.29 LIMITATION OF LIABILITY:

With the exception of any breach of confidentiality obligations, neither party will be liable to the other party for any costs, damages, expenditure, loss of profits, prospective profits of any kind or nature etc. arising from the termination or alleged breach of this agreement or in any manner arising from this agreement.

8.30 By signing this Agreement, BECIL, and [vendor name] acknowledge that it correctly records the understanding they have reached with regard to the Project.

8.31 [vendor name] shall be liable to BECIL to compensate any losses or damages if so suffered by BECIL for any breach of this agreement and/ or action initiated by the [Client Name] for non-performance of the contract.

8.32 Nothing in this agreement shall constitute, create or give effect or recognize a , partnership or business entity of any kind.

8.33 On award of the work of the [Client Name] tender to BECIL, BECIL may enter into a detailed Inter-se Agreement with [vendor name] based on the terms and Conditions of the agreement, BECIL EOI,

[Client Name] tender as well as the Contract signed between BECIL & [Client Name].

8.34 After mutual consultation, a joint team consisting of representatives of the parties will be formed for various activities like, technical discussions, deciding the preparation of final Bid/ offer, terms & conditions and demonstration of functionality required in the [Client Name] Tender/Work/Project.

8.35 Expenses towards bid preparation would be borne by the individual Parties viz. BECIL and [vendor name] for their respective work. BECIL will not reimburse any such expenses to [vendor name] towards preparation and submission of the bid.

8.36 Notwithstanding anything contained in any other agreement, document, correspondence, arrangement between the parties in respect of [Client Name] Tender/ Works / Projects, the [vendor name] understands, agrees and undertakes that:

8.36.1 At any given point of time, [vendor name] may not assign or delegate its rights, duties or obligations under this agreement to any other party, without prior written consent of BECIL.

8.36.2 In the event of breach of any of the terms & conditions of this agreement or in case of any default of any terms & conditions of this agreement, on the part of [vendor name], BECIL reserves the right to take necessary steps / action as per available documents, including but not limited to, termination of contract, forfeiture of Performance Security / EMD, blacklisting / banning etc. and execute the work at the risk & cost of the [vendor name].

8.36.3 BECIL shall interact with the Lead Member of the Consortium Partners in respect of this Agreement and its related matter for execution of this Prasar Bharati, Doordarshan project. BECIL shall not be responsible for any internal dispute or differences among the Consortium Partners.

8.36.4 All technical, financial and commercial terms and conditions of the Tender, except pricing, risk purchase, limitation of liability, advance payment & termination, will apply on back-to-back basis between BECIL and Consortium partners for their respective part/scope of work. However, if Consortium partners fails to fulfil its part of the work to the satisfaction of BECIL, then BECIL shall have the right to terminate the contract with Consortium partners and get the same executed departmentally or by other agencies at the risk and cost of Consortium partners.

8.37 BLACKLISTING/ DEBARMENT

[vendor name] shall be debarred/blacklisted from bidding for the contract/tender/EOI floated by BECIL for a period of two years, for violation of the code of integrity, Conflict of Interest as well as for the material breach of terms and conditions of the tender as per the General Financial Rules 2017 and the Guidelines for debarment of firms from bidding issued by the Department of Expenditure, Ministry of Finance no. F1/20/2018 –PPD dated 02.11.2021.

8.38 MSME

8.38.1 The Subcontractor acknowledges and confirms that the Main Contractor shall be liable to make payments only upon receipt of corresponding payments from the Principal Employer/client. Accordingly, the Subcontractor shall not raise any claims, demands, interest, compensation, or initiate any legal proceedings against the Main Contractor for any delay in payment arising out of delayed release of funds by the Principal Employer/client.

8.38.2 The Subcontractor waives any rights under the Micro, Small and Medium Enterprises

Development Act, 2006 (MSMED Act) or any similar legislation or regulation, to the extent such rights conflict with the agreed payment terms under the Subcontract Agreement. The Subcontractor further waives its right to claim Interest on delayed payment by the Main Contractor, under the Micro, Small and Medium Enterprises Development Act, 2006 (MSMED Act) or any similar legislation or regulation for the time being in force in India.

8.39 COUNTERPARTS

This agreement is executed in two counterparts, with each party retaining one original.

8.40 ENTIRE AGREEMENT

This agreement hereto constitutes the entire agreement between the Parties with regard to the subject matter contained in this agreement and supersedes all prior negotiations, representations, agreement and understandings, written or oral preceding the execution of this agreement.

IN WITNESS WHEREOF, the parties hereto, intending to be legally bound, have executed this Pre-Bid Agreement as of the date first above mentioned.

This Agreement has been signed on behalf of the parties by their respective duly authorized representatives as of the Effective Date.

On Behalf of BECIL	On Behalf of [vendor name]
(Binay Kumar Tiwari) Dy General Manager	(vendor representative) title
Signature of Witness: Name: Title:	Signature of Witness: Name: Title:

SCHEDULE 1: DETAILED SCOPE OF WORK

[from client primary tender]