



REQUEST FOR PROPOSAL (RFP)

FOR

“The Selection of Implementing Agency for Establishment of Studio with Video Conferencing Set-up at SIRD&PR, Bhubaneswar & 33 nos Virtual Class Rooms (Two-Way) through Interactive Training and Video Conferencing (VC) Infrastructure across Odisha using Internet Connectivity.

STATE INSTITUTE FOR RURAL DEVELOPMENT& PANCHAYATI RAJ
Panchayati Raj & Drinking Water Department
Government of Odisha
Unit -VIII, Gopabandhu Nagar, Bhubaneswar-751012

<https://panchayat.odisha.gov.in/> <https://pmssird.odisha.gov.in>

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RFP Schedule

Sl. No.	Items	Date & Time
1	Availability of Bid Document in the website	08.10.2025
2	Last date for receiving pre-bid queries through e-mail:	13.10.2025 Before 11.00 AM
3	Pre Bid meeting	14.10.2025 at 12.30 PM
4	Issue of Corrigendum (if required)	16.10.2025
5	Last date and time for the submission of Bid	30.10.2025 up to 5.30 PM
6	Opening of Technical Bids	31.10.2025 at 11: 30 A.M
7	Opening of Financial Bids	To be Informed



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1. DISCLAIMER:

The information contained in this Request for Proposal (hereinafter referred to as "RFP") document provided to the Bidders, by the SIRD&PR, Panchayati Raj & Drinking Water Department (SIRD&PR) Odisha, is provided to the Bidder(s) on the terms and conditions set out in this RFP document and all other terms and conditions subject to which such information is provided.

The purpose of this RFP document is to provide the Bidder(s) with information to assist in the formulation of Proposals. This RFP document does not aim to hold all the information each Bidder may require. This RFP document may not be appropriate for all persons, and it is not possible for the SIRD &PR, Panchayati Raj & Drinking Water Department (PR& DW) Odisha to consider the business/investment objectives, financial situation and particular needs of each Bidder who reads or uses this RFP document. Each Bidder should conduct its own investigations and analysis and should check the accuracy, reliability and completeness of the information in this RFP document and where necessary obtain independent advice from appropriate sources. Panchayati Raj & Drinking Water Department (SIRD&PR) Odisha makes no representation or warranty and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability, or completeness of the RFP document.

Information provided in the RFP Document 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. PR&WD accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

The issue of this RFP Documents does not imply that the SIRD&PR is bound to select a Bidder or to appoint the Selected Bidder and the SIRD&PRW reserves the right to reject all or any of the Bidders or Bids without assigning any reason whatsoever.

The Bidder shall bear all its own costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, uploading, expenses associated with any demonstrations or presentations which may be required by SIRD&PR or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and the SIRD&PR 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 Selection process. SIRD&PR may, in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information in this RFP document.



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BACKGROUND INFORMATION

In view on massive capacity building needs of Elected Representatives of PRIs, National Capacity Building Framework was introduced by the Ministry of Panchayati Raj, Government of India in the year 2006 to systematically plan out the capacity building of PRIs across the country. To further carry forward the initiative, a dedicated scheme with nomenclature "Rashtriya Gram Swaraj Abhiyan (RGSA)". RGSA envisages larger role of PRIs in planning and implementation of Development Programmes for which capacity building of elected representatives and officials assumes significance. The scheme guideline also mandates to establishment Studio with Video Conferencing Set-up at SIRD&PR, Bhubaneswar & 33 nos Virtual Class Rooms (Two-Way) through Interactive Training and Video Conferencing (VC) Infrastructure Unit at district and state level to support decentralized planning and capacity building of ERS & Field functionaries.

2) INSTRUCTION TO BIDDER

2.1. General

- While sincere effort has been made to provide comprehensive and accurate background information, requirements and specifications, Bidders to meet the requirements based on their past experience.
- All information supplied by Bidders may be treated as contractually binding on the Bidders, on successful award of the assignment by SIRD&PR on behalf of Panchayati Raj & Drinking Water Department.
- No commitment of any kind, contractual or otherwise shall exist unless and until a formal written contract has been executed by Director, SIRD&PR on behalf of the Panchayati Raj & Drinking Water Department. Any notification of preferred bidder status by the SIRD&PR or Panchayati Raj & Drinking Water Department shall not give rise to any enforceable rights by the Bidder. The Director, SIRD&PR on behalf of Panchayati Raj & Drinking Water Department may cancel this RFP at any time prior to a formal written contract being executed.

3. Pre-Bid Meeting

- The Bidders' designated representatives are invited to attend the Pre-Bid meeting at their own cost, which will take place at State Institute for Rural Development & Panchayati Raj (SIRD&PR), Unit-VIII, Bhubaneswar-751012, Odisha. The Pre-proposal meeting shall be held on 14.10.2025 at 12.30 PM. (The link will be shared in the official website in case of virtual meeting). Further, addendum / corrigendum / cancellation of this RFP can be seen only **official Portal** (<https://panchayat.odisha.gov.in> & <https://pmssird.odisha.gov.in>)
- The bidder may contact **Assistant Director**, SIRD&PR, Bhubaneswar & Pradeepta Kumar Mophapatra, Instructor, IT, SIRD&PR, Bhubaneswar, (**Phone No. 8895295978 or 9337394940**) for detailing of work & any clarification thereof.
- The purpose of the meetings will be to clarify issues and to answer questions on any matter that may be raised at that stage.
- The prospective bidders are requested, to submit any queries in advance to reach Director, SIRD&PR on or before the stipulated date & time as email- sirdorissa@gmail.com / sirdodisha@nic.in only as it may not be practicable at the Pre-Bid meeting to answer all questions instantly. SIRD&PR shall not be responsible for ensuring that the bidder's queries have been received by them. Any request for clarifications received after due scheduled date & time may not be entertained by this institution.
- The Committee notified by Director, SIRD&PR will endeavor to provide timely response to all queries. However, SIRD&PR neither makes representation or warranty as to the completeness or accuracy of any response made in good faith, nor does the Institute undertake to answer all the queries that have been posed by the bidders.



- vi. At any time prior to the last date for receipt of bids, Director, SIRD&PR on behalf of Panchayati Raj & Drinking Water Department may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the RFP document by corrigendum.
- i. The corrigendum (if any) & clarifications to the queries from all bidders will be posted on <https://panchayat.odisha.gov.in> & <https://pmssird.odisha.gov.in>
- ii. Any such corrigendum shall be deemed to be incorporated into this RFP. In order to provide prospective Bidders reasonable time for taking the corrigendum into account, SIRD&PR on behalf of Panchayati Raj & Drinking Water Department may, at its discretion, extend the last date

4. INVITATION FOR BIDS:

SIRD& PR, Panchayati Raj & Drinking Water Department (PR&WD) invites bids from eligible Agency (hereafter called as Bidder/Agency) who have the necessary qualifications for Implementation, Maintenance, and Operations of One number Studio with Video Conferencing Set-up at SIRD&PR, Bhubaneswar & 33 nos. Virtual Class Rooms (Two-Way) through Interactive Training and Video Conferencing (VC) Infrastructure as per the "Scope of Work" described in this RFP. The Agency shall be responsible for implementing the infrastructure and providing the Maintenance Support.

This BID is issued by SIRD&PR, which is the sole point of contact during the selection process. The Nodal Officer responsible for entire process is Administrative Officer, SIRD& PR, Panchayati Raj & Drinking Water Department, and Government of Odisha.

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document.

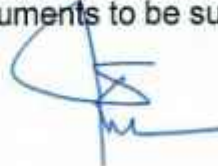


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5. FACT SHEET

This Fact Sheet comprising important factual data of the tender is for quick reference of the bidder.

Clause Reference	Topic
The Proposal	SIRD& PR, Panchayati Raj & Drinking Water Department (PR&DW) invites RFP for Selection of Agency for Establishment of 1 no Studio with Video Conferencing Set-up at SIRD&PR, Bhubaneswar & 33 nos. of Virtual Class Rooms (Two –Way) through Interactive Training and Video Conferencing (VC) Infrastructure at various locations.
Scope of Work	Selected Bidder is expected to deliver the products and services mentioned in the scope of work and Bill of quantities (BOQ) in this RFP.
Method of Selection	QCBS method shall be adopted to select Agency for Establishment of One number Studio with Video Conferencing Set-up at SIRD&PR, Bhubaneswar & 33 nos. of Virtual Class Rooms (Two –Way) through Interactive Training and Video Conferencing (VC) Infrastructure at all 30 DPRC & 3 ETCs for SIRD&PR. The Bidder has to submit the bid in two separate sealed envelopes marked Technical & Price bid. All the bids will be evaluated on the basis of pre-qualification criteria. Technical evaluation will be done only for those bidders who satisfy all the pre-qualification criteria. Price bid of only those bidders shall be opened who qualify in Technical Bid. Technically qualified bidder, who quotes the least price, will be selected as Service Provider Agency for the assignment. Consortium is not allowed.
Non-refundable RFP Document Fee	RFP can be downloaded from https://pmssird.odisha.gov.in & https://panchayat.odisha.gov.in . The bidders are required to deposit Rs.10,000/- (Rupees Ten thousand only) towards cost of the RFP in shape of Account Payee Demand Draft in favour of Director, SIRD&PR, payable at Bhubaneswar from any of the scheduled commercial bank along with the Proposal.
Earnest Money Deposit (EMD)	Earnest Money Deposit Rs.13,75,000/- (Rupees Thirteen Lakh Seventy Five Thousand only) in shape of Account Payee Demand Draft in favour of Director, SIRD&PR, payable at Bhubaneswar from any scheduled commercial bank must accompany with the technical bid.



Clause Reference	Topic
Performance Bank Guarantee (PBG)	Performance Bank Guarantee (PBG) @ 5% of the cost of the solution without GST from any Nationalized/Scheduled Commercial Bank in the prescribed format in favor of _____ shall be submitted by the successful bidder within 30 days of issue of LOI/work order.
Language	Bid must be prepared by the Bidder in English language only.
Currency	The bidder should quote in Indian Rupees only. The Total Price inclusive of GST will be considered for evaluation. So, the bidder must mention the base price and the GST component separately.
Validity Period	Proposals/bid must remain valid for a period of 180 days from last date for Submission of Bid.
Bid to be submitted on or before last date of submission at:	The proposal must be submitted to: The Director, SIRD&PR, Unit-VIII, Bhubaneswar-751012 through Registered Post / Speed Post / Courier Service only. The RFP paper, technical bid, RFP fees and EMD shall be put in a sealed envelope with superscription as "Technical Bid". The price bid shall be put in a separate sealed envelope with superscription as "Price Bid". Both the envelopes shall be put in a separate envelope with superscription as " Proposal for Selection Establishment of One number Studio with Video Conferencing Set-up at SIRD&PR, Bhubaneswar & 33 nos. of Virtual Class Rooms (Two –Way) through Interactive Training and Video Conferencing (VC) "

6. PROPOSAL

SIRD& PR, Panchayati Raj & Drinking Water Department (PR&DW) invites bids from eligible Agency (here after called as Bidder/Agency) for Supply, Installation & Commissioning, Maintenance of Establishment of One number Studio with Video Conferencing Set-up at SIRD&PR, Bhubaneswar & 33 nos. of Virtual Class Rooms (Two–Way) through Interactive Training and Video Conferencing (VC) Infrastructure at 30 DPRCs & 3 ETCs through High Speed internet based connectivity as per the "Scope of Work" described in this RFP".

7. BACKGROUND INFORMATION

The purpose of this RFP is to provide interested Bidder / Agency with information to enable them to One number Studio with Video Conferencing Set-up at SIRD&PR, Bhubaneswar & 33 nos Virtual Class Rooms (Two–Way) through Interactive Training



and Video Conferencing (VC) Infrastructure through Virtual internet based connectivity. The successful bidder will be responsible for delivery of all hardware/software and/or services requested in this proposal. SIRD&PR will consider the bidder to be the single point of contact with regard to contractual matters, including pricing structure, delivery of products, warranty & operation support of equipment, and payment of any and all charges resulting from the purchase of products specified in this proposal.

This RFP is issued by SIRD&PR, which is the sole point of contact during the selection process. The officer responsible for entire process is **Director, SIRD&PR.**

7.1 Basic Information

Any contract that may result from this RFP Processes will be issued for a term of One (01) year ("the Term") and extendable up to three years which would include, but not limited to, monitoring the day-to-day operation & maintenance of One number Studio with Video Conferencing Set-up at SIRD&PR, Bhubaneswar & 33 nos Virtual Class Rooms (Two-Way) through Interactive Training and Video Conferencing (VC) Infrastructure with a view to ensure desired Quality of Service / Performance by the Bidder, as defined in this RFP.

7.2 Definitions

- a) "Request for Proposal (RFP)", means this detailed notification seeking a set of solution(s), services(s), materials and/or any combination of them.
- b) "SIRD&PR", shall mean the State Institute for Rural Development & Panchayati Raj, Panchayati Raj & Drinking Water Department, Government of Odisha.
- c) "Authorized Representative" shall mean any person authorized by either of the parties.
- d) "Bidder/Agency" means System Integrator (S.I), offering the solution(s), service(s) and /or materials required in the RFP. The word Bidder when used in the pre-award period shall be synonymous with Bidder, and when used after award of the Contract shall mean the successful Bidder or Agency on whom Government of Odisha will place order for rendering of services for Establishment of INTERACTIVE TRAINING & VIRTUAL CLASS ROOMS - Interactive Training and Video Conferencing (VC) Infrastructure at 30 DPRCs & 3 nos ETCs through high speed internet based connectivity.
- e) "Service" means provision of Contracted service as per this RFP.
- f) "Site" shall mean the location(s) for which the Contract has been issued and where the service shall be provided as per Purchase Order.
- g) "Termination Notice" means the written notice of termination of the Purchase Order issued by one Party to the other in terms hereof.



7.3 Need for the Project

Odisha has very diverse geography with large forest cover, Highlands, middle mountains, coastal plains etc. Almost one-third of Odisha is covered by forests which make up about 37% of the total land area of the state. The middle mountainous and highlands region is the largest of the geographic regions and covers about three-fourths of the state. Beyond this Odisha also faces difficult climatic situation being a coastal state. Strengthening of network infrastructure in the Gram Panchayats is the need of the hour with Stable, Secured and reliable solution.

Odisha has ~6794-Gram panchayats which need a robust network infrastructure with reliable connectivity for real time communication and managing all financial activities more effectively.

It is now envisaged to implement a state of art "Studio with Video Conferencing Set-up at SIRD&PR, Bhubaneswar & 33 nos Virtual Class Rooms (Two –Way) through Interactive Training and Video Conferencing (VC) Infrastructure" through Internet IP based connectivity to modernize the communication and training technologies of Government services and information related to government can be carried out anytime and anywhere throughout the State of Odisha. The objective of the project is to provide interactive training to Gram Panchayat level officers and workers, utilize latest communication technologies for better delivery of e-Governance initiatives, improvements in administrative effectiveness & efficiency and accelerated development of the State through better Government interfaces through High Speed internet based connectivity.

7.4 Scope of Work

The selected bidder shall be responsible for the comprehensive setup, management, and support of a virtual training infrastructure across various training centers in Odisha. The scope includes, but is not limited to, the following key components:

7.4.1 Studio (VC Classroom) Setup and Management

The bidder shall undertake the supply, installation, integration, warranty support, operation, and maintenance of Studio (Video Conferencing) Classrooms to facilitate internet-based interactive training sessions for elected Panchayat representatives and other stakeholders.

7.4.2. Virtual Training Infrastructure at DPRCs and ETCs

The bidder shall implement interactive training and virtual classroom solutions, including video conferencing systems, connectivity hardware, and video conferencing (VC) software at 30 District Panchayat Resource Centers (DPRCs) and 3 Extension Training Centers (ETCs) across Odisha. This includes end-to-end support for installation, integration, warranty, operation, and maintenance.



7.4.3. Integration with Existing Equipment

To ensure cost-effectiveness and seamless operations, the bidder shall also **utilize and integrate the existing infrastructure** available at the DPRCs and ETCs such as **televisions, desktops, cameras, microphones, etc.** with the newly provided VC software and connectivity solutions.

7.4.4. Deployment of Technical Manpower

The bidder shall provide **trained and qualified technical personnel** for the operation and day-to-day management of the Studio (VC Classrooms), ensuring uninterrupted delivery of virtual training sessions and system functionality up to 3 years of Warranty Period.

7.4.5 Operational Reporting

The bidder shall prepare and submit **detailed operational reports** as and when required by the **State Institute for Rural Development and Panchayati Raj (SIRD&PR)** during the contract period. These reports should include performance metrics, uptime statistics, and any issues encountered or resolved.

7.4.6 Software Updates and Upgrades

The bidder shall be responsible for the **regular update and upgrade of all VC software and related platforms** as per releases from the **Original Equipment Manufacturer (OEM)**. These updates must be provided **free of cost** during the **warranty period**, ensuring system security, stability, and access to the latest features.

8. Terms of reference

Following end-to-end services need to be integrated:

- (i) Bidder has to operate the Studio (VC Class Room) as per the approved training schedule of the Institution. The sessions should be live broadcasted and also to be recorded.
- (ii) SIRD&PR will provide the required High Speed Internet Connectivity at the Studio and at 30 DPRCs & 3 nos ETCs for VC Class Room.

8.1 Virtual Interactive Class Room Application Features

- i. The entire application should operate on High Speed internet based-based and available internet connectivity.
- ii. The application should work on multicast mode.
- iii. LIVE sessions from Studio (VC Class Room) should synchronize presenter video, audio, animations/ PPT, and notes used by trainer.



- iv. The platform should provide necessary features for video conferencing (two-way interactive) from any DPRCs/ETCs Center to connect with SIRD&PR vis-à-vis other PRIs.
- v. The application should enable Video Conferencing at the Training Centers:
 - a. Video Calls: High-quality video and audio streaming for face-to-face communication.
 - b. Screen Sharing: Share entire screen or specific applications to collaborate on documents, presentations, or other content.
 - c. Chat and Messaging: Instant messaging within the platform for real-time communication during meetings.
 - d. File Sharing: Exchange files and documents during the meeting for collaborative work.
 - e. Recording and Playback: Record the video conference for later reference or for participants who couldn't attend.
 - f. Calendar Integration: Integration with calendar applications to schedule and join meetings easily.
- vi. The platform should be scalable.
- vii. The platform should integrate a facility for recording LIVE sessions at the Studio (VC Class Room) and the DPRCs/ETCs. Sessions, after delivery from the Studio (VC Class Room) end, should be available as recorded sessions in GP.

9. INSTRUCTIONS TO THE BIDDERS

9.1 General

- a. The terms and conditions given in the RFP, subsequent corrigendum, if any, released by SIRD&PR against this RFP and release of corrigendum if any for Selection of Agency for Establishment of One Studio with Video Conferencing Set-up at SIRD&PR, Bhubaneswar & 33 nos Virtual Class Rooms (Two-Way) through Interactive Training and Video Conferencing (VC) Infrastructure
- b. Each bidder shall submit only one Proposal. The bidder who submits or participates in more than one proposal will be disqualified.
- c. While every effort has been made to provide comprehensive and accurate background information with desired responsibilities and requirements. Bidders must form their own conclusions about the support needed to meet the requirements based on their past experience.
- d. All information supplied by bidders may be treated as contractually binding on the bidders, on successful award of the assignment by the SIRD&PR.
- e. No commitment of any kind, contractual or otherwise shall exist unless and until



a formal written contract has been executed by or on behalf of the SIRD&PR. Any notification of preferred bidder status by the SIRD&PR shall not give rise to any enforceable rights by the Bidder. SIRD&PR may cancel this procurement at any time prior to a formal written contract being executed by or on behalf of SIRD&PR.

9.2 Completeness of the RFP Document

- a) Submission of the bid shall be deemed to have been done after careful study and examination of the RFP document with full understanding of its implications.
- b) Failure to comply with the requirements of this paragraph or any clause of the RFP document may render non-compliant and the RFP document may be rejected. Bidders must:
 - Include all documentation specified in this RFP document;
 - Follow the format prescribed in this RFP document and respond to each element in the order as set out in this RFP document.
 - Comply with all requirements as set out within this RFP document.

9.3 Key Requirements of the Bid

9.3.1 Right to Accept Any Proposal and to Reject Any or All Proposal(s)

- a) SIRD&PR reserves the right to accept or reject any proposal, and to annul the tendering process / Public procurement process and reject all proposals at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for such action.
- b) SIRD&PR makes no commitments, express or implied, that this process will result in a business transaction with anyone.
- c) The submission of RFP does not constitute an offer by SIRD&PR. The bidder's participation in this process may result in selecting the bidder to engage towards execution of the contract.

9.3.2 Cost of Earnest Money Deposit (EMD)

- d) RFP Document shall be downloaded from the official web-site mentioned in the cover page. The bidders are required to deposit the non-refundable RFP document Fee of ₹10,000/- (Rupees Ten Thousand Only) in shape of an account payee Demand Draft in favor of Director, SIRD&PR and payable at Bhubaneswar and shall be valid for 90 days from the due date of the RFP, from any of the Nationalized / Scheduled Commercial bank at SIRD&PR office



- e) The bidder has to deposit the EMD of ₹ 13,75,000/- (**Rupees Thirteen Lakh Seventy Five Thousand only**) at SIRD&PR office in the shape of Demand Draft (DD) from any Nationalized/Scheduled Commercial Bank in favor of **Director, SIRD&PR payable at Bhubaneswar**. The EMD should be valid for a minimum period of 90 days from the last date of submission of the Bid. The scan copy of the DD and receipt fee of EMD should be submitted in the General/Pre-qualification Bid.
- f) In the Demand Draft of EMD, the bidder shall mention the bidders Name & Tender Enquiry No and GST No, in the back side of the Demand Draft.
- g) EMD of all unsuccessful bidders would be refunded (without interest) by SIRD&PR, Bhubaneswar within 45 days. The EMD amount of successful bidder would be kept as part of Performance Bank Guarantee till acceptance of final deliverable.
- h) The EMD amount is interest free and will be refundable to the unsuccessful bidders without any accrued interest on it.
- i) The bid / proposal submitted without EMD, mentioned above, will be summarily rejected.
- j) The EMD may be forfeited:
- If a bidder withdraws its bid during the period of bid validity.
 - In case of a successful bidder, if the bidder fails to accept the Purchase Order in accordance with this tender/RFP.
 - If found to have a record of poor performance such as having abandoned work, having been black-listed, having inordinately delayed completion and having faced Commercial failures or found to have furnished false/ forged documents etc.

9.3.3 Performance bank Guarantee

- k) An unconditional and irrevocable Bank Guarantee equivalent to 5% of the total estimated cost (without GST) from any nationalized / scheduled commercial bank in the prescribed format as mentioned in this RFP in favor of the Panchayati Raj & Drinking Water Department shall be submitted by the successful bidder within period of fortnight of issuance of LOI/Purchase Order.
- l) Failure of submission PBG within the specified time period may lead to cancel the Purchase Order.
- m) The Bank guarantee must be valid for period of 15 (fifteen) Months beyond completion of all installation of the necessary Hardware/components/Licenses at SIRD&PR.
- n) In the event of the bidder being unable to provide services and other terms and conditions of the PO/RFP for whatever reason, SIRD&PR would evoke the PBG. SIRD&PR shall notify the Bidder in writing of the exercise of its right to receive such compensation within **15 days**, indicating the contractual obligation(s) for which the Bidder is in default.



9.3.4 Pre-Bid Queries

Bidders are requested to submit their queries by e-mail (One Mail-ID Per Bidder is allowed to submit the query only), to as per the format attached in **Annexure-5**, in excel format on or before **13.10.2025 by 4. PM (As per Format)**. Failure to submitted the queries in the asked format will result in rejection of queries. If same bidder submits the query in multiple mail ids, then the bidder's query will be rejected.

9.3.5 Responses to Pre-Bid Queries and Issue of Corrigendum

- o) The Nodal Officer mentioned in the RFP document will endeavor to provide timely response to all queries. However, SIRD&PR makes no representation or warranty as to the completeness or accuracy of any response made in good faith, nor does SIRD&PR undertake to answer all the queries that have been posed by the applicants. The responses to the queries from all applicants will be published by SIRD&PR through corrigendum.
- p) At any time prior to the last date for receipt of RFP, SIRD&PR may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective applicant, modify the RFP Document by a corrigendum.
- q) The Corrigendum (if any) and clarifications to the queries from the prospective bidders will be published at SIRD&PR and Odisha Govt. Website.
- r) Any such corrigendum shall be deemed to be incorporated into this RFP.
- s) In order to provide prospective applicants reasonable time for taking the corrigendum into account, SIRD&PR may, at its discretion, extend the last date for the receipt of RFP.

The tendering authority reserves the right not to respond to any/all queries raised or clarifications sought if, in their opinion and at their sole discretion, they consider that it would be inappropriate to do so or do not find any merit in it.

9.3.6 Submission of Proposals

- a. The bidders shall submit their RFP paper as per the format given in this RFP paper in the following manner
- b. Technical Bid [Form-] - in first envelope [RFP Paper, Technical Bid, EMD, Cost of RFP Paper].
- c. Price Bid [Form-] - in second envelope
- d. The response to Technical Bid and Price Bid (As mentioned in previous paragraph) should be covered in separate sealed envelopes super-scribing "Technical Bid" and "Price Bid" respectively.
- e. Please note that prices shall not be indicated in the Technical Bid but shall only be indicated in the Price Bid.
- f. The two envelopes containing copies of Technical Bid and Price Bid shall be put in another single sealed envelope clearly marked as "Proposal for Selection of establishment Studio with Video Conferencing Set-up at SIRD&PR, Bhubaneswar & 33 nos Virtual Class Rooms (Two-Way) through Interactive Training and Video Conferencing (VC) Infrastructure at 30 DPRCs & 3 nos ETCs "
- g. **The outer envelope thus prepared shall also indicate clearly the name, address,**

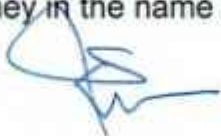


telephone number and e-mail ID of the bidder.

- h. All the pages of the RFP paper must be sequentially numbered and must contain the list of contents with page numbers. Any deficiency in the documentation may result in the rejection of bid.
- i. The original bid shall be prepared in indelible ink. It shall contain no interlineations or overwriting, except as necessary to correct errors made by the bidder itself. Any such corrections must be signed by the person (or persons) who sign (s) the RFP paper.
- j. All pages of the RFP shall be signed and stamped by the person or persons who sign the bid.

9.3.7 Authentication of Bids

The RFP document shall be accompanied by an Authorization letter (**Annexure: 3**) / Power-of-Attorney in the name of the authorized signatory of the proposal.



10. CRITERIA FOR EVALUATION

The selection process consists of below two phases i.e.

1. Eligibility & Technical Evaluation
2. Financial Bid Evaluation

10.1 Eligibility for commercial and technical Qualification

S. No	Specific Requirement	Documents Required
1	The Bidder must be a legally registered entity in India and shall meet the following conditions: • The Bidder should be either: ◦ A Company incorporated under the provisions of the Companies Act, 1956 or 2013, - OR ◦ A Partnership Firm registered under the Indian Partnership Act, 1932. • Consortiums/Joint Ventures are not permitted. Bids must be submitted by a single legal entity that independently fulfils all the eligibility criteria outlined in this document.	• Certificates of Incorporation / Registration/Partnership Certificate • PAN • GST Certificate
2	• The Bidder must have an average annual Turnover of at least ₹5 Crores during the last three financial years, i.e., for FY 2022-23, 2023-24, and 2024-25, as per the audited financial statements or auditor's certificate. • The Bidder must have a positive net worth as on the last day of the most recent financial year (FY 2024-25).	CA Certificate with Registration Number, Seal, and UDIN 



3	3.1 To ensure proven capability and experience, the OEM/Bidder must meet the following criteria: • The OEM/Bidder should have successfully executed a single project within the last three (3) years involving the supply, installation, and commissioning of Virtual Classroom (VC) setups with 2-way interactive capability over Internet connectivity. • The project must have been implemented in at least 100 locations, such as Gram Panchayats, Government Schools, or Colleges, and should be of comparable scale and technology. • The client must be a Government Department, Public Sector Undertaking (PSU), or Ministry at the State or Central level in India. • The minimum order value of the cited project must be ₹5 Crore or more. • The bidder must submit documentary evidence, such as work orders and completion certificates, clearly indicating the scope, value, client details, and year of execution. 3.2 The OEM or its wholly owned subsidiary must possess valid certifications demonstrating adherence to international quality, security, and environmental standards. Specifically, the entity must be certified with at least one or more of the following: • ISO 9001:2015 – Quality Management System • ISO 45001:2018 – Occupational Health and Safety Management • ISO 27001:2022 – Information Security Management • ISO 14001:2015 – Environmental	Copy of the Work Order and Satisfactory Work completion certificates from the client. OR Copy of Work Order and Go-LIVE Certificate from the client for ongoing projects.
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	Management System • ISO 50001:2018 – Energy Management System • CMMI Level 3 or higher – Capability Maturity Model Integration (for software process maturity) 3.3 The proposed Video Conferencing Software must comply with the following security standards: • The software must have a valid Web Application Security Testing Certificate. • It must also have undergone Vulnerability Assessment and Penetration Testing (VAPT) conducted by a CERT-IN empanelled agency or any other competent authority approved by the Government of India.	
4	The OEM should have an average turnover of at least ₹ 25 Crores during the last three financial years, i.e., for the years ending March 31, 2022–23, 2023–24 and 2024–25, as per the audited balance sheets.	CA Certificate with Registration Number, Seal, and UDIN
5	The Bidder should not have been blacklisted or debarred for fraudulent or unethical practices by any client, including the Central Government, State Governments, Union Territory Administrations, Government Undertakings, Universities, Government Bodies, or Public Sector Undertakings (PSUs) in India, as on the date of bid submission.	Self-Declaration
6	If the Bidder or OEM fails to establish the required regional support center in Odisha within 30 days from the date of award of the contract, the contract shall be deemed null and void without any liability.	A Self Certified letter by an authorized signatory; OR Undertaking for setting up Service Support Centers direct or through Channel Partner.



7	The Bidder shall submit a Manufacturer's Authorization Certificate (MAC), specific to this tender, issued by the respective OEM(s). The certificate must explicitly authorize the Bidder to supply, install, and provide comprehensive support and services for the OEM's products as detailed in this RFP. It should also clearly confirm the Bidder's authority to act on behalf of the OEM for the entire scope of work under the tender	(Original Manufacturing) Equipment OEM & MAF
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10.2 Price Bid Evaluation

The Financial Bid submitted online as per the prescribed format by the technically qualified bidders will be opened. Least cost selection method will be adopted for evaluation of commercial bid. The bidder who will H1 ranked agency shall be called for further process leading to the award of the contract

Note:

- Prices shall be quoted inclusive of all taxes, duties, freight and forwarding and cost of labour for installation.
- In case of any discrepancy between Unit Price & Total Price, the Unit Price will prevail.

10.3. Evaluation of Proposal

Four-stage evaluation process will be conducted as explained below for evaluation of the proposals:

Eligibility Evaluation (1st Stage): Preliminary evaluation of the proposals will be done to determine whether the proposal comply to the prescribed eligibility condition and the requisite documents / information have been properly furnished by the bidder or not.

Technical Evaluation (2nd Stage): Technical proposal will be opened and evaluated for those bidders who qualify the Eligibility evaluation stage.

Detailed evaluation process as per the following parameters will be adopted for evaluation of the proposals.

Sl. No.	Particulars	Criteria	Marks
1) Technical qualifications – Firms Experience: 70 Marks.			
1.a	Annual turnover of bidder in the last 3 financial years from the bid due date	The Bidder will be evaluated based on its highest annual turnover in any one of the last three financial years. Marks shall be awarded as follows: ₹5 Crore to ₹ 7 Crores – 5 Marks - Above ₹7 Crores up to ₹10 Crores – 10 Marks - Above ₹10 Crores – 15 Marks	15 marks



1. b	Annual turnover of OEM	The OEM will be evaluated based on its highest annual turnover in any one of the last three financial years. Marks shall be awarded as follows: • Turnover above ₹25 Crores and up to ₹ 50 Crores – 5 • Turnover above ₹50 Crores and up to ₹ 75 Crores – 10 marks • Turnover above ₹75 Crores and up to ₹100 Crores – 15 marks • Turnover exceeding ₹100 Crores – 20 marks	20 Marks
1.c	The Bidder must have prior experience in setting up Interactive Training and Virtual Classroom solutions, IP-based services, or any other ICT-based projects. Such experience should be with Government organizations — including State Governments (in Odisha or any other State), Central Government, or Public Sector Undertakings (PSUs). Documentary evidence in support of the same must be submitted along with the bid	The Bidder will be awarded marks based on the value of any one single work order or contract executed in the last three financial years: 1. Work Order above ₹5 Crores and up to ₹10 Crores – 5 marks 2. Worker Order above ₹10 Crores and up to ₹15 Crores – 10 marks 3. Work Order ₹15 Crores and up to ₹20 Crores – 15 marks 4. Work Order Above ₹20 Crores - 20 Marks	20 marks
2)	Provision of AMC Services on a Call Basis The Bidder/OEM must demonstrate the ability to provide Annual Maintenance Contract (AMC) services on a call basis with a response time of within 24 hours. As evidence, the bidder shall submit a performance certificate from previous clients clearly certifying: • The provision of AMC services • Adherence to a 24-hour response time	Provision of Performance-Based AMC Services (Within 24 Hours) – 10 Marks • Full Marks (10): If the bidder provides valid performance certificates from previous clients (Government Departments/PSUs/ Govt institutions. • Partial Marks (5–9): If some but not all criteria are met, or documents lack clarity. • Zero Marks: If no valid supporting documents are submitted. Deployment of Skilled	15



	Satisfactory performance and service delivery Note: The The performance certificate to the Bidder must be issued by previous clients or OEMs, such as Government Departments, Public Sector Undertakings, Government Institutions, or OEMs. The certificate must be duly signed and stamped by a competent authority.	Technical Manpower for VC/Operational Setup – 5 Marks - Full Marks (5): If the bidder demonstrates availability and past deployment of skilled technical manpower specifically for Video Conferencing (VC) support and operational setups. - Partial Marks (2–4): If documentation or manpower qualifications are insufficient or only partially meet requirements. - Zero Marks: If no relevant details or evidence are provided.	
3)	Demonstration by Bidder on Approach & Methodology for Setting up Studio-based Interactive Training & Virtual Classrooms with IP-based Services on the following points. - Understanding the Objective - Studio Setup Methodology - Virtual Classroom Setup - IP-Based Communication Architecture - Implementation Methodology - Ensuring Quality of Service - Maintenance and Support - Skilled Human Resources - Quality Assurance Framework - Risk Mitigation Strategy - Innovations and Value Additions - Past Experience and Credentials		30 marks
Total			100 Marks

10.4 Evaluation Methodology: Quality and Cost Based Selection (QCBS):-

The selection process will follow the Quality and Cost Based Selection (QCBS) method, which ensures a balanced consideration of both technical quality and financial cost. The process will be conducted in four stages as outlined below.



Stage 1: Technical Evaluation

- Bidders must secure a minimum of 60 marks out of 100 to qualify for the next stage (Financial Evaluation).
- Technical Evaluation carries a weightage of 70% in the final score.
- The Normalized Technical Score (TS) will be calculated using the formula:

$$TS = \left(\frac{\text{Marks obtained in Technical Evaluation} \times 70}{100} \right)$$

Table 1: Technical Evaluation Example

Bidder	Marks Obtained in Technical Evaluation (out of 100)	Technical Score (TS)
A	85	$85 \times 70 / 100 = 59.5$
B	70	$70 \times 70 / 100 = 49.0$
C	90	$90 \times 70 / 100 = 63.0$

Stage 2: Financial Bid Opening

Only bidders who score a minimum of 60 marks in the technical evaluation (Stage 1) will have their Financial Bids opened.

Please note: the 70% weighted TS score is not considered at this stage for qualification. Only raw technical marks ($\geq 60/100$) are used to determine eligibility for financial bid opening.

- The lowest financial quote among the qualified bidders is identified as the Lowest Financial Quote (LFQ).
- The Financial Score (FS) for all bidders is calculated using the formula:

$$FS = \left(\frac{LFQ \times 30}{\text{Quoted Price (FQ)}} \right)$$

Table 2: Financial Evaluation Example

Bidder	Price Quoted (₹)	Lowest Financial Quote (LFQ)	Financial Score (FS) ($LFQ \times 30 \div \text{Price}$)
A	4,25,000	3,00,000	$(3,00,000 \times 30) \div 4,25,000 = 21.17$
B	3,00,000	3,00,000	$(3,00,000 \times 30) \div 3,00,000 = 30.00$



Bidder	Price Quoted (₹)	Lowest Financial Quote (LFQ)	Financial Score (FS) (LFQ × 30 ÷ Price)
			= 10.59

Stage 3: Combined Evaluation

The final selection will be based on a combined score (out of 100) using the formula:

$$\text{Combined Score (CS)} = \text{Technical Score (TS)} + \text{Financial Score (FS)}$$

Table 3: Combined Evaluation Example

Bidder	Technical Score (TS)	Financial Score (FS)	Combined Score (CS)	Rank
A	59.5	21.17	59.5 + 21.17 = 80.67	H-1
B	49.0	30.00	49.0 + 30.00 = 79.00	H-2
C	63.0	10.59	63.0 + 10.59 = 73.59	H-3

Stage 4: Selection of the Successful Bidder

- The bidder with the highest Combined Score (H-1) will be declared the successful bidder and called for further negotiations or award of contract.
- In case of a tie in Combined Scores, the bidder with the higher Technical Score will be selected.

Note:

In the example above, Bidder A is the successful bidder (H-1) with the highest Combined Score of 80.67, even though Bidder B quoted the lowest price.

11. Appointment of Vendor

The successful bidder of H1 ranked agency shall be called for further process leading to the award of the contract and after evaluation the winner bidder will be appointed.

11.1 Notification of Award

SIRD&PR will notify the successful bidder in writing or by fax or email, that its proposal has been accepted. In case the tendering process / public procurement process has not been completed within the stipulated period, SIRD&PR may like to request the bidders to extend the validity period of the bid. In such case extended

period shall be accepted as mutually agreed upon.

11.2 Issue of Purchase Order

After Tender Process is over and subsequent approval of the competent authority, SIRD&PR shall issue the purchase order along with phase wise delivery schedule as per site readiness or within such extended period, as may be specified by the Authorized Representative of SIRD&PR, incorporating all clauses and the proposal of the bidder with the successful bidder.

11.3 Failure to Agree with the Terms and Conditions of the RFP

Failure of the successful bidder to agree with the Terms, Conditions and PO and the RFP shall constitute sufficient grounds for the annulment of the award, in which event SIRD&PR may award the contract to the next best value bidder or call for new proposals from the interested bidders. In such a case, the SIRD&PR shall forfeit the EMD of the successful bidder.

11.4 Delivery and Installation Schedule

- The Bidder should deliver & install all the Hardware/materials/Licenses as per schedule below:-

Duration	Deliver & Installation Location	Time
4 Months	Set-up of One number (1) Studio at SIRD&PR, Bhubaneswar and 33 nos VC Class Room at 30 DPRCs & 3 ETCs at District level.	Delivery of Equipment within 6 Weeks from the date of P.O. & Installation within 10 Weeks from the date of Delivery. Total timeline: 16 weeks.

- Delivery of the Goods shall be made by the bidder in accordance with the terms of the Purchase Order. The bidder should take responsibility of the Goods till it reaches the delivery destination as informed by SIRD&PR, transport to such place of destination, including insurance and storage, as shall be specified in the Purchase Order, shall be arranged by the Supplier. Bidder shall arrange the Road Permits or any other document wherever required without additional cost to SIRD&PR.
- Installation/Integration will be treated as incomplete in the following situations: -
- Non-delivery of any hardware or other components viz. accessories, license/ software/drivers/documentation media etc.
 - Delivery, but no installation/integration of the components and/or software.
- SIRD&PR will consider the inability of the Bidder to deliver or install the equipment within the specified time limit, as a breach of contract and would entail the payment of Liquidation Damages on the part of the Bidder.
- The liquidation damages represent an estimate of the loss or damage that

SIRD&PR may have suffered due to delay in performance of the obligations (relating to up-gradation, integration, operationalization, training, acceptance, warranty, maintenance etc. of the deliverables) by the Bidder.

- SIRD&PR shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum as specified in General Terms and Conditions.

12 General Terms and Conditions of Contract

12.1 Purchaser

SIRD&PR, Panchayati Raj & Drinking Water Department, Govt. of Odisha

12.2 Cost of Proposal

The bidder shall bear all the costs associated with the preparation and submission of its Proposal, including site visits, and the GoO/SIRD&PR will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the proposal process.

12.3 Amendment of RFP Documents

At any time prior to the deadline for submission of Proposal, SIRD&PR reserves the right to modify and amend any of the stipulated condition/criterion in the RFP, depending upon technology solution priorities *vis-à-vis* urgent commitments. Such amendments in shape of corrigendum/addendum shall be hosted in the websites where the original RFP was hosted. The bidder shall acknowledge the receipt of each corrigendum/addendum by submitting a signed copy of it along with Pre-Qualification Bid/Price Bid to the RFP issuing authority. Failure to acknowledge receipt of each corrigendum/addendum shall be interpreted as receipt of the corrigendum/addendum by the bidder and no claim will be entertained or accepted in this regard.

12.4 Arithmetic Errors Correction

Bidders are advised to exercise greatest care in entering the pricing figures. No excuse that mistakes have been made or requests for prices to be corrected will be entertained after the quotations are opened. Arithmetic errors, if any, in the price break-up format will be rectified on the following basis: -

- If there is discrepancy in the unit price and the total price, the unit price shall prevail for calculation of total price.

12.5 Prices



- Prices quoted by the bidders should include, GST, back-to-back support with OEM during warranty for **3 years, insurance costs**, transportation costs etc., till all hardware, Software and Licenses are installed at Studio at SIRD&PR Bhubaneswar and all 30 DPRCs & 3 nos ETCs .
- Once a contract price is arrived, the same must remain firm and must not be subject to escalation during the performance of the contract due to fluctuation in foreign currency, change in the GST structure, changes in costs related to the materials and labour or other components or for any other reason.
- No other cost whatsoever will be paid by SIRD&PR.
- Further, subsequent to the orders being placed, the Bidder shall pass on to SIRD&PR all fiscal benefits arising out of reductions in Government Levies viz., GST, otherwise rates are firm during the entire contract period.

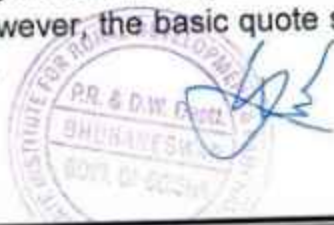
12.6 Payment Terms

The payment schedule is as follows: Each milestone payment will be made to the bidder

Sl. No.	Project Milestone	Payment (%)	Documents Required
1	Delivery of Equipment as per the delivery schedule (Studio and Interactive (VC Classroom))	10% of the Equipment value	1. Original Delivery Challan 2. Original Invoice (In triplicate)
2	Installation, Configuration & Integration as per delivery schedule	60% of the Equipment value	1. Installation Certificate 2 Training for Panchayat Officials
3	Go-Live (Acceptance) of the Project as per the delivery schedule	Remaining 30% (As per Actual functional Live)	1. Go-Live (Acceptance) Certificate from SIRD&PR 2. Warranty Certificate from OEM

12.7 Technical Information

- The technical documentation involving detailed instructions for operation and the user's manual, etc., is to be delivered with the equipment supplied. The language of the documentation should be English.
- In addition to the above, if any additional / enhanced configuration is suggested in view of technological changes, it may be furnished as an optional feature with/without cost, duly explaining the extra utility of the offered model as well as the commercial offer document. However, the basic quote should be confined only to the configuration/model offered.



12.8 Acceptance

- The entire One number Studio with Video Conferencing Set-up at SIRD&PR, Bhubaneswar & 33 nos Virtual Class Rooms (Two –Way) through Interactive Training and Video Conferencing (VC) Infrastructure Offices including integration with High Speed internet based connectivity. The test will be conducted by SIRD&PR Technical Team.
- Successful tests Hardware/Licenses for the installed product components shall also be the sole responsibility and at the cost of the Bidder. During testing the bidder has to demonstrate all the features of the system.
- Bidder must submit all the duly signed Installation-cum-Acceptance Certificates both by the successful bidder/OEM Technical Team and SIRD&PR Technical Team and submit to SIRD&PR and the warranty certificate for a period of 3 years from the date of acceptance.

12.9 Operation Support

- The warranty of entire products shall be onsite for a period of 3 years from the date of acceptance.
- The bidder will provide support for the system including **operation manpower** of the system during the 3 years warranty period. The defective product shall be replaced by the bidder at their own cost, including the cost of transportation.
- The warranty should cover all parts including maintenance or support for its proper operation & performance as mentioned in the RFP for a period of 36 months from the date of acceptance at no cost to SIRD&PR.
- For preventive maintenance of the system, the bidder shall inform SIRD&PR, 7 days in advance before doing or pre-planning an activity.
- Response time to any service call should be 'Two Hours'. In no case resolution time should exceed 'Seventy-Two Hours'.
- **If during operation, the down time of any piece of equipment or component thereof exceeds the agreed Call-To-Resolution time, the Supplier shall provide standby equipment of the same specifications or higher with required Licenses at no cost to SIRD&PR till the original equipment is repaired and made operational.**

12.10 Disqualification

The bid is liable to be disqualified if: -

- Bid not submitted in accordance with this RFP.
- During validity of the bid or its extended period, if any, the bidder increases his quoted prices without the consent of department to change the bid quote.



- The bidder puts his own conditions with the bid.
- Bid received in incomplete form or not accompanied by EMD.
- Bid received after due date and time.
- Bid not accompanied by all requisite documents.
- Bidder fails to enter into a contract within 30 working days of the date of notice of the award of tender or within such extended period, as may be specified by an authorized representative.

12.11 Performance Bank Guarantee

The successful bidder shall furnish an unconditional and irrevocable Performance Bank Guarantee (PBG) for 5 % (Five percent) of the total price within 30 days of issue of LOI/Purchase Order. The PBG must be from any nationalized / scheduled commercial bank in India. The PBG shall be valid for a period of 15 MONTHS (1 year and 3 Months) from the date of successful installation at SIRD&PR, extendable if the project duration extends. The bidder should calculate the delivery period and installation period from the date of issue of PO and according submit the PBG at SIRD&PR. There should be additional Claim Period of 60 Days from that last date of validity. The performance Bank Guarantee should be as per the format given in **Annexure-11**. All charges whatsoever such as premium; commission etc. with respect to the Performance Bank Guarantee shall be borne by the bidder. The Performance Bank Guarantee may be discharged / returned by SIRD&PR upon being satisfied that there has been due performance of the obligations of the Bidder. However, no interest shall be payable on the Performance Bank Guarantee. In the event of the bidder being unable to accept the PO and non-performance during Warranty period of the service or whatever reason, SIRD&PR would evoke the PBG. SIRD&PR shall notify the Bidder in writing of the exercise of its right to receive such compensation within 14 days, indicating the contractual obligation(s) for which the Bidder is in default.

12.12 Liquidated Damages

- SIRD&PR will consider the inability of the Bidder to deliver or install the equipment within the specified time limit, as a breach of contract and would entail the payment of Liquidation Damages on the part of the Bidder.
- The liquidation damages represent an estimate of the loss or damage that SIRD&PR may have suffered due to delay in performance of the obligations (relating to delivery, up-gradation, integration, training, etc., of the deliverables) by the Bidder. Penalty will be charged @ 0.5% of the total value without GST per week per center subject to maximum of 5% of total order value, in case of delay in delivery, installation & integration beyond delivery & installation schedule mentioned in Purchase Order/RFP.
- SIRD&PR shall without prejudice to its other remedies under the terms and condition of PO/RFP, deduct the Price, as liquidated damages from the

Performance Bank Guarantee given by the Bidder.

12.13 Termination of Purchase Order

Prior to the delivery of the system, SIRD&PR may at any time terminate the Purchase Order by giving written notice to the Bidder if the Bidder becomes bankrupt or otherwise insolvent. In this event, termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to SIRD&PR. SIRD&PR reserves the right to cancel the Purchase order in the event of happening one or more of the following Conditions: -

- Failure of the successful bidder to accept the Purchase order
- Delay in delivery beyond the specified period.
- Delay in up-gradation / integration and acceptance tests beyond the specified periods.
- In addition to the cancellation of purchase contract, SIRD&PR reserves the right to appropriate the damages through encashment of Bid Security / Performance Guarantee given by the Bidder.
- SIRD&PR would not be liable to pay any damages to the selected Bidder in cases comprising termination for default.

12.14 Force Majeure Condition

- a) If the performance as specified in this order is prevented, restricted, delayed or interfered by reason of Fire, explosion, cyclone, floods, war, revolution, acts of public enemies, pandemics/epidemics, blockage or embargo, Any law, order, proclamation, ordinance, demand or requirements of any Government or authority or representative of any such Government including restrict trade practices or regulations, Strikes, shutdowns or labor disputes which are not instigated for the purpose of avoiding obligations herein, or Any other circumstances beyond the control of the party affected, then notwithstanding anything here before contained, the party affected shall be excused from its performance to the extent such performance relates to prevention, restriction, delay or interference and provided the party so affected uses its best efforts to remove such cause of non-performance and when removed the party shall continue performance with utmost dispatch.
- b) If a Force Majeure situation arises, the Bidder shall promptly notify the authorized representative of SIRD&PR in writing of such condition and the cause thereof. Unless otherwise directed by the authorized representative of SIRD&PR in writing, the Bidder shall continue to perform its obligations under the terms and conditions of PO as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

12.15 Resolution of Disputes



- a) It will be SIRD&PR's endeavor to resolve amicably any disputes or differences that may arise between SIRD&PR and the Bidder from misconstruing the meaning and operation of the Tender and the breach that may result.
- b) In case of Dispute or difference arising between SIRD&PR and a Supplier relating to any matter arising out of or connected with this Purchase Order, such disputes or difference shall be settled in accordance with the Arbitration and Conciliation Act, 1996. The Arbitrators shall be chosen by mutual discussion between SIRD&PR and the Supplier OR in case of disagreement each party may appoint an arbitrator and such arbitrators may appoint an Umpire before entering on the reference. The decision of the Umpire shall be final.
- c) The Bidder shall continue work under the Contract during the arbitration proceedings unless otherwise directed in writing by SIRD&PR or unless the matter is such that the work cannot possibly be continued until the decision of the Arbitrator or the umpire, as the case may be, is obtained.
- d) Arbitration proceedings shall be held at Bhubaneswar, India, and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English Notwithstanding anything contained above, in case of dispute, claim & legal action arising out of the contract, the parties shall be subject to the jurisdiction of courts at Bhubaneswar, India only.
- e) Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or by fax and confirmed in writing to the other party's specified address. The same has to be acknowledged by the receiver in writing. A notice shall be effective when delivered or on the notice's effective date, whichever is later.



13. Equipment for Studio Set-up

The bill of equipment & Technical Specifications are mentioned below.

A Studio Setup One number (01), at SIRD& PR Bhubaneswar		
Sl. No	Equipment for Studio	Quantity
1.	PTZ Camera with AI Tracking	2
2.	Digital Signal Processor	1
3.	Cloud-based Virtual Conferencing Application Software	1
4.	8X8 AV Switcher	1
5.	Wireless Lapel Microphone	2
6.	Audio System - (Amplifier with Speakers)	1
7.	Laptop	1
8.	55 inches Professional Display	3
9.	Interactive panel 75 inches	1
10.	Laptop with HDMI output	1
11.	Preview Setup -Laptop with Application Software	1
12.	LED Lights with ceiling mount movable Grid and mounting clamps	4
13.	Video light	10
14.	Editing Setup	1
15.	Furniture	1
16.	Earthling + Cabling & Installation + Integration + Testing	1
17.	Accessories for integration	1
18.	Acoustic, Fabric Above Acoustics, Green Screen (Chroma key) with Air Condition	1
19.	UPS (10KVA) for Main Studio (VC Class Room)	1

B Studio Setup One number (01), at SIRD& PR Bhubaneswar		
Sl. No	Equipment for Studio	Quantity
20	Virtual Conferencing Application Software	1
21	Installation + Integration + Testing	Service
22	Annual Maintenance charges for Studio maintenance and subscription of the Software after the 3-year warranty period	Service



14. Equipment for Virtual Class Room

Annexure-B		
Interactive Virtual Training centre with Video Conferencing facility		
Sl. No	Bill of Materials	Quantity
1.	Virtual Conferencing Application Software	
2.	Communication - (2-Way) (software)	33
3.	Interactive Display	33
4.	Digital Signal Processor, Amplifier and Wireless Mic	33
5.	Wall mount speaker	33
6.	PTZ Camera with AI Tracking	33
7.	Installation + Integration + Testing	33
8.	Rack	33
9.	Switch, Cables & Connectors, etc.	33
10.	UPS	33
11.	Annual Maintenance charges after the 3-year warranty period	33

Note:- Delivery of Goods/Items for Installation and Go-Live of the Application

- The bidder shall deliver all items specified in Annexure-A (related to the Studio setup) at SIRD&PR, Bhubaneswar, strictly in accordance with the specifications provided in the Bill of Materials.
- The items listed in Annexure-B (meant for Virtual Classrooms) shall be delivered to the respective DPRG/ETC locations, as per the district-wise delivery schedule detailed below.



15. Consignee detailed for delivery and installation of materials for Studio

Materials for Studio Set-up, at SIRD&PR, Bhubaneswar			
Sl. No.	Consignee location	Address Details of DPRC with Pin Code	Contact Person Name
	Bhubaneswar	SIRD&PR, Gopabandhuna gar, Unit-8, Pin-751012	Pradeepta Kumar Mohapatra, Instructor IT, Mobile No. 9337394940
	Item Description as per BiD to be deliver at SIRD& PR location for complete set up of Studio	Nos of Items	Brand of equipment's
1	PTZ Camera with AI Tracking	2	
2	Digital Signal Processor	1	
3	Cloud-based Virtual Conferencing Application Software	1	
4	8X8 AV Switcher	1	
5	Wireless Lapel Microphone	2	
6	Audio System - (Amplifier with Speakers)	1	
7	Laptop	1	
8	55 inches Professional Display	3	
9	Interactive panel 75 inches	1	
10	Laptop with HDMI output	1	
11	Preview Setup -Laptop with Application Software	1	
12	LED Lights with ceiling mount movable Grid and mounting clamps	4	
13	Video light	10	
14	Editing Setup	1	
15	Furniture	1	
16	Earthling + Cabling & Installation + Integration + Testing	1	
17	Accessories for integration	1	
18	Acoustic, Fabric Above Acoustics, Green Screen(Chroma key) with Air Condition	1	
19	UPS (10KVA) for Main Studio (VC Class Room)	1	



16. Consignee detailed for delivery and installation of materials for Studio and Virtual Class-room at different location

Sl. No.	District Name	Address Details of DPRC with Pin Code	Contact Person Name	Mobile No.	All 23 different Items (37 items +2 service) nos of quantities) as per BiD to be delivered at SIRD & PR location	Virtual Conferencing Application Software	Communication - (2-Way) (software)	Interactive Display	Digital Signal Processor, Amplifier and Wireless Mic	Wall mount speaker	P T Z Camera with AI Tracking	Installation + Integration + Testing	Rack	Switch, Cables & Connectors, etc.	UPS	AMC after the 3-year warranty period	Total
1	Bhubaneswar	SIRD & PR, Gopabandhupur, Unit-8, Pin-751012	Pradeep Kumar Mohapatra, Instructor IT	9337 3949 40	NA												
1	Angul	District Panchayat Resource Centre, Angul Near Zilla Parishad, Angul, Collectorate Campus Angul PIN-759166	Rakesh Kumar Kundu, Programme Manager (Skill Development)	9437 3575 29	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 materials +2 Services
2	Balangir	District Panchayat Resource Centre, Near Children Park, Balangir, Pin Code-767001	Amit Panda, Programme Manager (Skill Development)	9439 0641 67	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 materials +2 Services
3	Balasore	District Panchayat Resource Centre, Raja Bagicha, Near ADM Square, Balasore, Pin-756001	Subhashree Jena, Programme Manager (Skill Development)	9438 3036 81	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 materials +2 Services
4	Bhadrak	District Panchayat Resource Centre, Chandbali Bypass Road, Bhadrak-756100	Rupali Mohapatra, Programme Manager (Skill Development)	7750 0749 58	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 materials +2 Services



5	Dhenkanal	District Panchayat Resource Centre (DPRC) Dhenkanal, Mahisapat chhak, in front of Zilla Parishad Office, pin- 759001, Dhenkanal	Samapika Satapathy, Programme Manager (Skill Development)	8917 5901 12	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
6	Gajapati	District Panchayat Resource Centre (DPRC), Gajapati, At/Po-Parlakbhe mudi, Gajapati - 761200	Tapen Kumar Bahubalendra, DPM(RGSA), I/c Programme Manager (Skill Development)	9861 4911 82	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
7	Ganjam	District Panchayat Resource Centre, Chatrapur, Ganjam, Pincode- 761020	Baru Sukant Bebarti Pattnaik, PM(SDJ), ZP, Ganjam	9438 2433 84	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
8	Jaipur	District Panchayat Resource Centre (DPRC) BUILDING (Inside Jaipur Block Campus), Post - Baidyasaipur, Dist - Jaipur, Pin - 755007	Madhumita Prusty, Programme Manager (Skill Development)	9439 7386 04	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
9	Keonjhar	District Panchayat Resource Centre (DPRC), Keonjhar, Dhenkapur - Near Ranki 758002	Padmabati Mahakud, Programme Manager (Skill Development)	8917 3605 33	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
10	Koraput	District Panchayat Resource Center, AT/PO- Jamiguda, Near S.N Medical District- Koraput, PIN- 764020	Himanshu Satpathy, Programme Manager (Skill Development)	9439 3014 74	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services



11	Malkangiri	DPRC Building(Zilla Parishad Campus), Malkangiri-764045	Binash Kumar Mishra,DPRC Faculty	9438 3139 95	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material +2 Services
12	Mayurbhanj	District Panchayat Resource Centre, Murgabadi, Baripada, Mayurbhanj, Pincode-757002	Nigamananda Nayak(DPM), I/c Programme Manager (Skill Development)	7978 1548 54	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material +2 Services
13	Nabarangpur	District Panchayat Resource Centre, (DPRC), Nabarangpur, At/Po- Majhagada, Near EVM &VVPT Warehouse, Nabarangpur, PIN-764071	Rakesh Kumar Pal,AEO(MIS), Programme Manager (Skill Development) I/C	7682 9551 75	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material +2 Services
14	Nayagarh	District Panchayat Resource Centre, Nayagarh Zilla Parishad Nayagarh Lekhanpur, PinCode-752070	Shiva Prasad Das,Programme Manager (Skill Development)	9937 4684 30	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material +2 Services
15	Nuapada	District Panchayat Resource Centre (DPRC) Nuapada, Silda, Near SDPO office Nuapada Pincode-766104	Nihar Ranjan Sahoo, Programme Manager (Skill Development)	9078 3312 33	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material +2 Services
16	Puri	District Panchayat Resource Centre, Nagapattana,Baliguda,Puri,Pincode-752002	Trupti Badajena, Programme Manager (Skill Development)	8895 3522 20	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material +2 Services
17	Rayagada	District Panchayat Resource Centre, Rayagada, Pin Code-765001	Ajatasatru Rout, Programme Manager (Skill Development) I/C	9437 2729 60	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material +2 Services

18	Sambalpur	District Panchayat Resource Centre, (DPRC), At/Po-Dhankauda, Near Dhankauda Block, Dist-Sambalpur, Pin-768006	Priyambada Guru, Programme Manager (Skill Development)	9937 1041 23	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
19	Sundargarh	District Panchayat Resource centre, Near Annapurna Hotel, Sundargarh, Pin Code-770002	Nityananda Patel, DPM RGSA, Programme Manager (Skill Development) I/C	7008 4003 74	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
20	Kandhamal	District Panchayat Resource centre, Phulbari, Pin Code-762001	Manoj Kumar Pradhan, Programme Manager (Skill Development)	9438 1294 79	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
21	Baragarh	CDO-cum-EO, ZP, Baragarh	Biobhu Prasad Mishra, Programme Manager (Skill Development)	8908 7989 63	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
22	Boudh	CDO-cum-EO, ZP, Boudh, Pin-762023	Amrita Panda, Programme Manager (Skill Development)	9861 3650 67	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
23	Cuttack	CDO-cum-EO, ZP, Cuttack-753001	Amrita Mohanty, Programme Manager (Skill Development)	8763 1740 87	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
24	Deogarh	CDO-cum-EO, ZP, Koraput District-Koraput, PIN-764020	DEEPAK KUMAR BEHERA, Programme Manager (Skill Development), ZP Deogarh	9861 3258 39	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
25	Jagatsinghpur	CDO-cum-EO, Rayagada, Pin Code-765001	PRASANNA KUMAR MISHRA, Programme Manager (Skill Development), ZP Jhagsinghpur	9583 9700 92	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
26	Jharsuguda	CDO-cum-EO, Jharsuguda, Pincode-768201	Somani Sahoo, PM(SD), ZP Jharsuguda	8249 2962 08	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services

27	Ken drapa ra	CDO- Cum-EO, ZP Kendrapa- da- 754211	Abdu Ri Rehman Programme Manager (Skill Development)	9438 8575 13	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
28	Khoe dha	CDO- cum-EO, Khordha- 752050	ISHA MOHAPATRA Programme Manager (Skill Development)	9853 7664 25	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
29	Sone pur	CDO- cum- EO,Sone pur- 767017	SAIBALINI PATTANAY AK, Programme Manager (Skill Development)	9437 2824 93	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
30	Kala handi	CDO- cum-EO, ZP, KALAH ANDI NEAR 766001	Bimbardhar Sahu Programme Manager (Skill Development) I/C	7873 6372 32	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
31	ETC - Bhub anes war	SIRD&P R, Gopaban dhunagar, Unit-8, Pin- 751012	Pradeepa Kumar Mohapatra, Instructor IT	9337 3949 40	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
32	ETC - Bha wni patan	CDO- cum-EO, ZP, KALAH ANDI NEAR 766001	Bimbardhar Sahu Programme Manager (Skill Development) I/C	7873 6372 32	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
33	ETC - Keo nihar	CDO- cum-EO, ZP, Keonjhar, Pin 758002	Swadesh Ranjan Sathpaty ETC In Charge	9438 0144 22	NA	1	1	1	1	1	1	Service	1	1	1	Service	9 material s +2 Services
Sub Total					37 items	33	33	33	33	33	33	Serv.	33	33	33	Serv.	334
Grand Total					+2 serv.	33	33	33	33	33	33	Serv.	33	33	33	Serv.	334



17. Detailed Specifications of Bills of Materials

Broadcasting Studio Setup	
Sl. No	A. Technical specification of each line items as scope of work
1	PTZ Camera with AI tracking with mount - Sensor - 1/2.8 inches CMOS, Effective pixels: 8.42 Megapixels or better - Lens - f3.47mm-41.65mm, F1.84-F3.72 - Diagonal FOV - 66.6° - Horizontal FOV - 60° ~ 3.5° - Vertical FOV - 35.7° ~ 2.0° - Video Format - YUY2: Max 1080P@30fps; MJPEG: 2160P@30fps; H.264 AVC/SVC: Max 2160P@30fps - Signal system - 4K/30, 4K/25, 1080P/30, 1080P/25 - Scanning mode - Progressive - Optical Zoom - 20X Optical Zoom - Digital zoom - 16X Digital Zoom - AI Feature - Presenter Framing, Group Framing, Humanoid Tracking, and Target Tracking - Minimum illumination - 0.5Lux@(F1.8,AGC ON) - Shutter - 1/30s- 1/10000s - White balance - Auto indoor, outdoor,one push, manual VAR - Backlight compensation - Support - Digital noise reduction - 2D AND 3D Digital noise reduction - SNR >55dB - Pan angle - 170° - Tilt angle - -30° - 90° - Pan speed - 2.7° - 35.7°/s - Tilt speed - 2.7° - 31.5°/s - Image flip - Support - Present position - 255 - Video compression - H.264/MJPEG - Video stream - Dual Stream (First and Second Stream) - First stream resolution - 3840x2160, 1920x1080, 1280x720 etc. - Second stream resolution - 1920x1080, 1280x720, 1024x576 etc. - Video bit rate - 32kbs-20480kpbs - Bit rate control - VBR,CBR - Frame rate - 50Hz1fps-25fps,60fps-30fps - Audio compression - AAC - Audio bit rate - 96kpbs,128kpbs,256kpbs - Protocols - NDI (Optional), TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, SRT, GB/T28181, Multicast - USB interface - 1 x USB 3.0 Type-C - HD output - 1 x HDMI - Network interface - 1 x RJ45: 10M/100M/1000M Adaptive Ethernet - Audio interface - 1 x Line In (3.5mm jack) - Control interface - 1 x RJ45 (IN), 1 x RS232 IN (8Pin mini DIN, Max Distance: 30m), Protocol: VISCA/Pelco-D/Pelco-P - Accessory IR Remote Control and Wall Mount kit (included as standard accessory) - Certifications - BIS (Indian), CE, FCC, RoHS, and CB Certification

2	Digital Signal Processor (DSP) - Type - 12-channel audio processor - Mic Inputs - 8 or more Microphones input interface with phoenix connector. - Line inputs Type-1 - 2 Line input interfaces, usually for the local audio source, i.e., DVD, laptop, etc. phoenix connector. - Line Inputs Type-2 - 2 Line input interfaces, usually for AEC reference signal input, phoenix connector. - Line Outputs Type-1 - 2 Line output interfaces, usually for the external recording device, phoenix connector. - Line Outputs Type-2 - 2 Line output interfaces, usually for AEC signal output, phoenix connector. - Line Outputs Type-3 - 2 Line output interfaces, usually for external amplifier or active loudspeaker for remote and local audio playback, phoenix connector. - Other Ports - least one Wireless microphone input, 3.5mm audio connector. monitor headphone interface, 3.5mm connector. - Control Port - 1xRS232 for connected to the control terminal, phoenix connector - ETHERNET - Ethernet port for Configuration/control interface, RJ45 connector. - USB/Stereo 3.5mm Interface for Soft calls - USB2.0/Stereo 3.5mm type A interface, supports bidirectional audio data transmission, can be more convenient to integrate into the OPS or PC as a sound card application - Software - support software to achieve special features like Acoustic Echo Cancellation configuration, NLP(Nonlinear Processing) Setting, Noise Reduction Setting, AGC(Automatic Gain Control) Setting, Dereverberation Setting, High-Pass Filter Setting, Low-Pass Filter Setting, Parameter Equalizer Setting, Leveler Setting, Auto Mixer Setting, Level Control Setting, Matrix Mixer Setting - Ceiling Microphone - Each microphone should have Pick up radius: 10m Max It should be supplied with 4 ceiling microphones right from day 1 - Certifications - CE, FCC and RoHS
3	Cloud-based VC software that supports multiple Camera inputs and is scalable up to 500 clients or more if required. - Software-based Video Conference - features - The solution should be user friendly to allow non-technical staff to manage on their own a video conferencing session with a minimum learning time - "It should be possible to conduct point to point, multipoint to multipoint or any combination of both on internet bandwidth ranging from 256 Kbps to 1Mbps with video resolution of minimum SD to HD and frame rate up to 30 fps, depending on internet bandwidth available at remote office locations" - The solution should support Installation (software versions) on off-the-shelf computer hardware and run over any broadband network - The solution should have the capability to monitor and continuously adjust its resolutions during meetings as network speeds and quality fluctuates without dropping calls. - Solution should support lower video resolution (below SD) if internet bandwidth falls below 256 kbps - Connecting a user at low video resolution should not affect the resolution of other users.

- System should allow display of video in multiple options wherein user can select any option. User should be able to choose a suitable video layout (2 or 3 or 4 or many video frame) on their screen (Laptop/desktop) during VC.
- User should be able to choose only active video layout during VC (Only active speakers video will be seen in larger frame)
- "The solution should support VP8, VP9/H.264 or above protocol for conducting point to point and multipoint to multipoint VC"
- It should be possible to remote control video and audio of client (video on/off, mic mute/unmute) from central administration server.
- It should be possible to add any new client (user) during the ongoing VC.
- It should be possible to remove any client user during the on going VC
- It should be possible to lock the VC room, for preventing entry of any unknown users
- It should be possible to conduct point-point, multipoint-Multipoint VC involving soft clients (installed in laptop/desktop/iOS, Android devices), hardware clients
- VC solution should display site location/userid over video of each location for user identification, in English/local language
- "VC solution should allow for client to share presentation/data (ppt,ms word, ms excel, pdf etc) on real time basis along with live video during VC (point-point and point-multipoint)
- It should be possible to show Video and content in different parts of the same display"
- VC solution should allow maximum of 4 clients at the same time to share presentation/data (ppt,ms word, ms excel, pdf etc) on real time basis along with live video during VC (point-point and point-multipoint)
- VC solution should allow clients privacy as right to enable and disable their video and audio under HIPAA ACT
- VC Solution should provide white labelling provision to create branding on the video meetings.
- VC solution should provide the option to the meeting host to enable his multiple cameras connected to the system of maximum 4 at the same time during the meeting
- **Meeting Interface**
- "The meeting interface should provide:
 - Whiteboard Sharing tool, Drawing tool, List of joined participants
 - Screen Sharing- sharing of desktop/application/whiteboard/Document Share/Video Sharing, Full screen option, Recording of meeting session
 - Meeting participants control, Text Chat for messaging,
 - It should support breakout rooms , Picture in Picture"
- **Authentication of Registered Users**
- It should be possible to authenticate users before allowing them to join VC.
- **VC from Mobile devices (Smart Phone, I-Pad etc)**
- Client should be able to conduct VC from smart phone and ipad. Client software should be installable in smart phone and i-pad. Client software installed on smart phone and iPad must ensure encryption of video and data presented to central server of VC solution.

- Additional Features



	- It has scheduling based System with Simply sending a VC Link to users for Joining Call. It has Multiple Camera feature, It has Voice activated Switching Layout, Bandwidth Optimization is much better and advanced - It can Support 4K Resolution It should support Participants to join as webinar where webinar users should be able to ask questions through Chat. It should also have direct integration with youtube to live webcast it to youtube channel.
4	8X8 AV Switcher • Total Video Inputs 8 • Total Video outputs 8. • HD Video Standards: 4K 60 4:4:4 • EDID Management • HDCP 2.3 compliance • HDMI Audio- de-embedding.
5	Wireless Microphone: Lapel / Handheld - Frequency band of UHF 610MHz - 680MHz or better. - Microphone Frequency Response- 80Hz~18KHz or better - Facility to control the gain of microphone. - Operating Range upto 100 Feet
6	Audio System - Amplifier and Speaker - Gain Control - facility to control the gain of microphone. - Indicator - LED indicator for status. - Frequency Response - 20Hz – 20000 Hz. - Amplifier Type - Class-D type digital amplifier with with Bass, treble Equalizer. - Channel - 2 channel stereo output - Power 200 Watts at 8 Ohms - Channel - I inbuilt with 2 channel from day 1. - Line Input - Line Inputs as 1 x 2RCA - Line Output - Line Outputs as 1 x 2RCA - Mic Input - 2x phoenix Microphone Inputs with separate gain controller - Unbalanced Input - 1 Unbalanced Microphone 6.5mm Phono Input with gain controller - RS232 port - 1 X RS232 port for controlling - Form Factor - 19 inches Rack Mountable or better. - Certification - CE, FCC and RoHS Certification - Two-way Passive Wall Mount Speakers - Power: 50Watt or better - Tapping: 5-10-20-40 W - Installing type: Dual Vertical or horizontal mounting options - Mounting kit: Ceiling/Wall



7	Laptop: - Intel Core i5 12gen or higher - Minimum 16 GB RAM - Minimum 512 HDD - Display Minimum 14.0" - Resolution FHD - Ports 1 USB 3.0, 1- USB Type, 1 - HDMI - Windows 11, 64-bit -
8	55 inches Professional Display - Screen Size (Diagonal) / Aspect ratio: 55" / 16:9 or better - Panel Type: IPS 'LED / Equivalent - Resolution (H x V): 3840 x 2160 (4K or Higher) - Brightness: 350 cd/SqM or Better - Viewing Angle: 178° / 178° - Inputs: HDMI (2), RGB, Audio, USB or better - Mount: One flour Mount and Two Wall Mount - Certifications: BIS
9	Interactive Display: 75 inches - Display Panel Diagonal size - 65/ 75 Inches or higher - Resolution - 3840 x 2160 (4K or Higher) - Display Colour - 1.07 Billion or Higher - Brightness - 450 cd/m2 or better - Viewing Angle - ±178° or better viewing angle - Contrast ratio - 1200:1 - Dynamic Contrast Ratio - 30000:1 - Response Time - Not more than 5 ms - Lifetime - 50,000 hours or more - - Touch Interactive Display - Audio System - Speakers - 2 x 18 Watts or Higher - - Touch Interactive Display - Touch Technology - Deployment of Touch Technology - Advanced Infrared - Thickness of the touch glass - 4mm Toughened Glass with 9H Toughness or better - Surface technology - Anti-Glare - Touch accuracy - 1mm or better - Touch Points in Windows - Must have a touch capability of minimum 20 points - - Touch Interactive Display - Connectivity Ports - Keys - Power/Homepage/Screen down/Record/Touchlock/Setting - Interface - USB3.0 x 3, USB 2.0 : 1, TOUCH : 1, HDMI IN : 2, VGA : 1, AUDIO IN : 1, RS232 : 1, RJ45 IN : 1, EARPHONE : 1 COAX : 1 - - Smart System(Android) - CPU - 8 core A55 or better - GPU - Quad-core MaliG52 or better - Android version - Android 14



- Inbuilt Wi-Fi - Dual WIFI (5G & 2.4G)802.11ac/b/g/n/a, Hotspot or better
- Bluetooth - BT5.0 or better
- RAM - 8 GB or Higher
- ROM - 128 GB or Higher
- Certification - BIS (Indian), CE, FCC & ROHS certification.
- Warranty - 3 Years or Higher..0 or Higher (With Playstore)
- **OPS - Interactive display must have 80 Pin OPS slot**
- Processor - Intel i5 processor 11th Gen or higher with Licensed Windows - 11 IOT GAC OS.
- RAM - 8GB
- ROM / Storage memory - 256GB SSD or higher
- Interface - USB2.0 x 2 ports, USB3.0x 4 ports, DP outx1 port, HDMI out x1 port.
- Network - RJ45 LAN port x 1
- Wi-Fi - Inbuilt Wi-Fi with two antennas.
- Bluetooth - Bluetooth version 4.0 or above
- Audio ports - 3.5mm with Mic/Line-inx1 port, Line-out 3.5mmx 1 port.
- **Built-in Software:**
- File manager, Screen mirroring, Chrome, google playstore, Youtube,, Welcome Page, Settings, Calculater, User Manual, Float tool, Side tool bar, Note, Vote, Screen recording., Wireless Content sharing, text recognition. 4 Application split screen, screen recording, screen capture, Wireless File sharing form mobile phones. U disk lock screen, USB port Block, Multi-user management,
- **White Board Feature**
- Menubar includes new whiteboard, storage, sharing, closing, and setting functions, Page management, Painting brush-preset 9 monocolors and 2 gradient, Thickness: preset 6 brush sizes, support ordinary brush, marker, pen three brush styles, as well as text recognition brush and graphics recognition brush two intelligent brush, eraser, Table, Timer, Voting, Withdrawal and redo, Single point / multi point, Mini whiteboard: QR code: Scan the QR code in the web link.for to use the mobile terminal to scan the annotation content (picture format).

10

Laptop with HDMI Output

- Intel Core i5 12gen or higher
- Minimum 16 GB RAM
- Minimum 512 HDD
- Display Minimum 14.0"
- Resolution FHD
- Ports 1 USB 3.0, 1- USB Type, 1 – HDMI
- Windows 11, 64-bit



11	Laptop with application software - Intel Core i5 12gen or higher - Minimum 16 GB RAM - Minimum 512 HDD - Display Minimum 14.0" - Resolution FHD - Ports 1 USB 3.0, 1- USB Type, 1 - HDMI - Windows 11, 64-bit
12	LED Studio (VC Class Room) Lights with ceiling mount movable Grid and mounting clamps/hooks - Color temperature: 5600 K/3200K - Dimmable output from 100% to 10% - Power consumption: Less than 80W. - Ceiling mounts facility - AC Adaptor, Barn door and filters - Operated from nominal 230 V/50 Hz Ac Supply
13	Video Light Studio (VC Class Room) Grade LED stand lights with soft box, minimum 150 watt
14	Editing Machine (As per actual requirements) - Intel Core i7 14Gen or equivalent, - Minimum 32GB RAM, - Minimum 1TB SSD, - Display Minimum 14.0" or more - Graphic: 6GB DDR 5 Graphic or better - 1 USB 3.0, 1- USB Type C, HDMI - Windows 11, 64-bit - Peripherals: 2x 24" LED Monitor, Speaker, USB Keyboard & Optical Scroll Mouse - Storage - 4TB NAS with RAID1 (4TBx2)/Dual Ethernet/Sata
15	Furniture requirement Technical Table, Studio (VC Class Room) Table, Executive Chairs(4 no), Wooden Almira + Sofa (3+2)
16	Earthling + Cabling & Installation + Integration + Testing Cabling It is required to set-up the facility for HD/SD operations; therefore, all the cabling should seamlessly support required operations. Installation Material All installation materials including, equipment racks, power cables, interconnection cables, connectors and other accessories (including nuts, bolts, screws etc.) required for installation of the complete system shall be quoted System Completeness Completeness of the system will be responsibility of the Bidder. Any hardware and/or software including passive and active devices required for completeness of the technical workflow shall be quoted. Bidder shall be responsible for technical and operational completeness of the entire system. Workflow Diagram The Bidder has to provide schematic diagram of the technical workflow to ensure the workability of the offered solution in all respects. Any Additional Items for Complete the workflow

	Bidder must mention any additional items required to complete the workflow with proper justification.
17	Accessories for integration Accessories like required convertors, cables, audio/video connectors, PoE Switch and adopters etc.
18	Acoustic, Fabric above Acoustics with Air Condition (20x20), Green Screen Provision & fixing of pre-fabricated acoustic panels for the walls inside the Studio (VC Class Room) topped with suitable fabric giving an aesthetic finish, Required Partitioning of room, Closing of windows. Green Screen on one complete wall. 1. Interior Provision & fixing of pre-fabricated acoustic panels for the walls inside the Studio (VC Class Room) topped with suitable fabric giving an aesthetic finish 2. Carpet Providing and Fixing Wall to Wall 3. Door Type and Size - Acoustic Doors of 3X 7' with provisioning and fixing panel with vision panel for main door and control room. - Provision & fixing of frame and sound proof casement door with multipoint locking system and both sides handle with locking arrangement with vision panel for Studio (VC Class Room) main door and control room door. 4. Air-Conditioning(As required)
19	UPS 10 KVA - Configuration: 10 KVA IGBT based On-Line UPS. UPS must support common battery bank - Capacity: 10 KVA / 8 KW - AC Input Voltage Range: 160-280 V AC, 1 Phase @100% load - Input Frequency: 50Hz $\pm$ 10% - AC Output Voltage: 230 V AC, 1-phase $\pm$ 1% (Sine Wave Output) - Output Frequency: 50 Hz $\pm$ 0.05 Hz - Overload Capacity: 110% for 60 minutes, 125% for 10 minutes, 150% for 60 seconds - Indications & Audible Alarms: Mains On, Inverter On, Overload, Load On Mains, Load On Battery, Battery Low - Digital Metering LCD display for measurement of AC Voltage, Battery voltage, Battery Current, Load Current, Output frequency. - Battery Charger Offered UPS must have inbuilt 20 Amps Charging Current for proper charging of Battery Bank. - Certification & Compliance: ▪ ISO 9001, ISO 14001 or latest certification as applicable. ▪ RoHS Compliance Battery: - The battery back-up time should be 40 Minutes using 12V, VRLA Sealed Maintenance Free Batteries with UPS. - Required VAH: 11160 VAH for 40 minutes - Individual Battery Capacity must not be less than 62 AH
	Virtual Conference Application Software : As per need base requirement
	Communication Equipment- (2-Way) As per need base requirement
	Installation + Integration + Testing: As per need base requirement
	Annual Maintenance charges for Studio maintenance and subscription of Software after warranty period: As per need base requirement

Sl. No.	Interactive Training Center with Video Conferencing Set up
1	Virtual Interactive Class Room Software + Video Conferencing Setup As per the RFP needs
2	Communication -2way Installation + Integration + Testing High quality device as per actual requirement
3	Interactive Display:75 inches - Display Panel Diagonal size - 75 Inches or higher - Resolution - 3840 x 2160 (4K or Higher) - Display Colour - 1.07 Billion or Higher - Brightness - 450 cd/m2 or better - Viewing Angle - $\pm 178^\circ$ or better viewing angle - Contrast ratio - 1200:1 - Dynamic Contrast Ratio - 30000:1 - Response Time - Not more than 5 ms - Lifetime - 50,000 hours or more Touch Interactive Display - Audio System - Speakers - 2 x 18 Watts or Higher Touch Interactive Display - Touch Technology - Deployment of Touch Technology - Advanced Infrared - Thickness of the touch glass - 4mm Toughened Glass with 9H Toughness or better - Surface technology - Anti-Glare - Touch accuracy - 1mm or better - Touch Points in Windows - Must have a touch capability of minimum 20 points Touch Interactive Display - Connectivity Ports - Keys - Power/Homepage/Screen down/Record/Touchlock/Setting - Interface - USB3.0 x 3, USB 2.0 : 1, TOUCH : 1, HDMI IN : 2, VGA : 1, AUDIO IN : 1, RS232 : 1, RJ45 IN : 1, EARPHONE : 1 COAX : 1 Smart System(Android) - CPU - 8 core A55 or better - GPU - Quad-core MaliG52 or better - Android version - Android 14 - Inbuilt Wi-Fi - Dual WIFI (5G & 2.4G)802.11ac/b/g/n/a, Hotspot or better - Bluetooth - BT5.0 or better - RAM - 8 GB or Higher - ROM - 128 GB or Higher - Certification - BIS (Indian), CE, FCC & ROHS certification. - Warranty - 3 Years or Higher..0 or Higher (With Playstore) OPS - Interactive display must have 80 Pin OPS slot - Processor - Intel i5 processor 11th Gen or higher with Licensed Windows - 11 IOT GAC OS. - RAM - 8GB - ROM / Storage memory - 256GB SSD or higher



- Interface - USB2.0 x 2 ports, USB3.0x 4 ports, DP outx1 port, HDMI out x1 port.
- Network - RJ45 LAN port x 1
- Wi-Fi - Inbuilt Wi-Fi with two antennas.
- Bluetooth - Bluetooth version 4.0 or above
- Audio ports - 3.5mm with Mic/Line-inx1 port, Line-out 3.5mmx 1 port.

- **Built-in Software:**

- File manager, Screen mirroring, Chrome, google playstore, Youtube,, Welcome Page, Settings, Calculator, User Manual, Float tool, Side tool bar, Note, Vote, Screen recording., Wireless Content sharing, text recognition. 4 Application split screen, screen recording, screen capture, Wireless File sharing from mobile phones. U disk lock screen, USB port Block, Multi-user management,

- **White Board Feature**

Menubar includes new whiteboard, storage, sharing, closing, and setting functions, Page management, Painting brush-preset 9 monocolors and 2 gradient, Thickness: preset 6 brush sizes, support ordinary brush, marker, pen three brush styles, as well as text recognition brush and graphics recognition brush two intelligent brush, eraser, Table, Timer, Voting, Withdrawal and redo, Single point / multi point, Mini whiteboard: QR code: Scan the QR code in the web link.for to use the mobile terminal to scan the annotation content (picture format).

4 All in One - DSP, Amplifier and wireless Microphone

- **Digital Signal Processor**

- o The DSP should have a 100% Full Duplex Echo Canceling – no attenuation during full-duplex
- o Automatic echo cancellation(AEC).
- o Automatic Gain Control (AGC).
- o Dynamic Noise reduction.
- o Frequency response between 20 Hz – 20 KHz
- o DSP should have USB port for integrating with Unified Software solutions like Skype, Lync, etc.
- o DSP Should have dual capability of Local Sound Reinforcement and Far end Audio to be sent for Video conferencing at the same time without any Noise and Echo. Whatever teacher or student speaks through Collar or hand held microphone and Gooseneck microphone all should be Going to Far end Location over Video Conference and also should come out of Speakers for local Sound Reinforcement so that everyone present in class can also hear clearly.
- o DSP should have inbuilt Amplifier. It should come as one single unit as DSP-cum-Amplifier, from day 1. It should have inbuilt Receiver for Wireless Microphones from day 1.

Wireless Microphone Features

- o 2 no. of wireless Microphones should be supplied along with DSP from day one or more
- o Frequency band of UHF 610MHz - 680MHz or better.
- o Microphone Frequency Response- 80Hz~18KHz or better
- o A facility to control the gain of microphone.
- o LED indicator for status.
- o Operating Range upto 100 Feet

	- Amplifier Features - o Power: 200 Watts (100 WattsX2) at 8 Ohms or more - o 2 no. of 50W wall mount Speakers should be supplied along with DSP from day one or more. - o S/N Ratio of >80dB. - o Inbuilt with DSP from day 1. Amplifier & DSP should come as single unit. - I/O Ports - o Built-In 1 x Handheld, 1 x headband Microphone - o Unbalanced MIC input (1x 6.5mm phono jack)with gain control - o Balanced 48v/12v phantom mic inputs (2x Phoenix ports) with separate gain controller - o Line input - 1 x 2RCA - o Line Output - 1 x 2RCA - o USB voice interface X 1 or more - o It should have 1 X RS232 port for controlling - Form Factor- 19 inches Rack Mountable or better. - Certification - CE, RoHS, FCC certification.
5	Wall mount speaker:- (as required) - Two-way Passive Wall Speakers - Tapping: 5-10-20-40 W - Impedance : 8 Ohms - Power: 50 Watts - Size: 6" - Installing type: Dual Vertical or horizontal mounting options - Mounting kit: Ceiling/Wall
6	PTZ Camera with AI tracking with mount - Sensor - 1/2.8 inches CMOS, Effective pixels: 8.42 Megapixels or better - Lens - f3.47mm-41.65mm, F1.84-F3.72 - Diagonal FOV - 66.6° - Horizontal FOV - 60° ~ 3.5° - Vertical FOV - 35.7° ~ 2.0° - Video Format - YUY2: Max 1080P@30fps; MJPEG: 2160P@30fps; H.264 AVC/SVC: Max 2160P@30fps - Signal system - 4K/30, 4K/25, 1080P/30, 1080P/25 - Scanning mode - Progressive - Optical Zoom - 20X Optical Zoom - Digital zoom - 16X Digital Zoom - AI Feature - Presenter Framing, Group Framing, Humanoid Tracking, and Target Tracking - Minimum illumination - 0.5Lux@(F1.8,AGC ON) - Shutter - 1/30s- 1/10000s - White balance - Auto indoor, outdoor,one push, manual VAR - Backlight compensation - Support - Digital noise reduction - 2D AND 3D Digital noise reduction - SNR >55dB - Pan angle - 170° - Tilt angle - -30° - 90° - Pan speed - 2.7° - 35.7°/s - Tilt speed - 2.7° - 31.5°/s - Image flip - Support - Present position - 255 - Video compression - H.264/MJPEG

	- Video stream - Dual Stream (First and Second Stream) - First stream resolution - 3840x2160, 1920x1080, 1280x720 etc. - Second stream resolution - 1920x1080, 1280x720, 1024x576 etc. - Video bit rate - 32kbs-20480kpbs - Bit rate control - VBR,CBR - Frame rate - 50Hz1fps-25fps,60fps-30fps - Audio compression - AAC - Audio bit rate - 96kpbs,128kpbs,256kpbs - Protocols - NDI (Optional), TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, SRT, GB/T28181, Multicast - USB interface - 1 x USB 3.0 Type-C - HD output - 1 x HDMI - Network interface - 1 x RJ45: 10M/100M/1000M Adaptive Ethernet - Audio interface - 1 x Line In (3.5mm jack) - Control interface - 1 x RJ45 (IN), 1 x RS232 IN (8Pin mini DIN, Max Distance: 30m), Protocol: VISCA/Pelco-D/Pelco-P - Accessory IR Remote Control and Wall Mount kit (included as standard accessory) - Certifications - BIS (Indian), CE, FCC, RoHS, and CB Certification
7	Installation + Integration + Testing High quality device as per actual requirement
8	Rack: High quality device as per actual requirement
9	PoE Switch, Cables & Connector: High quality device as per actual requirement
10	UPS: High quality device as per actual requirement



Annexure: 1

(To be in company letter head)

Particulars of the Bidders

Sl. No.	Information Sought	Details to be Furnished
1	Name of the bidding Company	
2	Address of the Company	
3	Incorporation status of the firm (Public limited / Private limited, etc.)	
4	Year of Establishment	
5	Date of registration	
6	RoC Reference No.	
7	Details of company registration	
8	Details of registration with appropriate authorities for GST	
9	Name, Address, e-mail ID, Phone nos. and Mobile Number of Contact Person	
10	Roles & Responsibilities	

Name of the Bidder:

Authorized Signatory:

..... Signature:

Seal:

Date:

Place:



Annexure: 2

**Self-Declaration
(Non-blacklisted in Company Letter Head)**

To,

The Administrative Officer,
SIRD&PR, Panchayati Raj & Drinking Water Department
Unit-VIII, Bhubaneswar-751012, Odisha

Sir/Madam,

In response to the RFP Ref. No: _____, Dated XX-XX- 2025, RFP for Selection of Agency for Selection of Agency for Establishment of One number Studio with Video Conferencing Set-up at SIRD&PR, Bhubaneswar & 33 nos Virtual Class Rooms (Two –Way) through Interactive Training and Video Conferencing (VC) Infrastructure through High Speed internet based Connectivity as an owner/ partner/ Director of (organization name)

I/ We hereby declare that presently our Company/ firm is not under declaration of ineligible for corrupt & fraudulent practices, blacklisted either indefinitely or for a particular period of time, or had work withdrawn, by any State/ Central government/ PSU.

I/We further declare that there is no past / ongoing legal trial in name of any of the Owner / Partner / Director of the bidding company as on the tender submission date.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/ our security may be forfeited in full and the tender if any to the extent accepted may be cancelled.

Thanking you,

Name of the Bidder:

Authorized Signatory:

Signature:

Seal:

Date:

Place:



Annexure: 3
(To be in company letter head)

Authorization Letter

RFP Enquiry No: XXX-XXX-XXX-XXX, Date: XX.XX.2025

To

The Administrative Officer,
SIRD&PR, Panchayati Raj & Drinking Water Department
Unit-VIII, Bhubaneswar-751012, Odisha

Sir/Madam,

Ms. /Mr. _____ is hereby authorized to sign relevant documents on behalf of the firm/organization/company in dealing with the RFP Enquiry No: SIRD&PR-XXX-XXX-XXX, Date: XX.XX.2025, She/he is also authorized to attend meetings & submit the commercial information as may be required by you in the course of processing above said application.

Thanking you,

Authorized Signatory



Annexure: 4
(To be in company letter head)

Acceptance of Terms & Conditions Contained In the RFP Document

RFP Enquiry No: SIRD&PR-XXX-XXX-XXX, Date: XX.XX.2025

To

The Administrative Officer,
SIRD&PR, Panchayati Raj & Drinking Water Department
Unit-VIII, Bhubaneswar-751012, Odisha

Sir/Madam,

I have carefully gone through the Terms & Conditions contained in the RFP Enquiry No: SIRD&PR-XXX-XXX-XXX, Date: XX.XX.2025, for Selection of Agency for Selection of Agency for Establishment of Studio with Video Conferencing Set-up at SIRD&PR, Bhubaneswar & 33 nos Virtual Class Rooms (Two –Way) through Interactive Training and Video Conferencing (VC) Infrastructure Offices through High Speed internet based Connectivity.

I declare that all the provisions of this RFP document are acceptable to my company. I further certify that I am an authorized signatory of my company and I am, therefore, competent to make this declaration.

Signature of witness
Date:
Place:

Signature of the Bidder
Date:
Place:



Annexure: 5
(To be in company letter head)

Pre-Bid Queries Format

RFP Enquiry No: SIRD&PR-XXX-XXX-XXX, Date: XX.XX.2025

Name of the Bidder/Company:

Tender Fee Receipt No. _____ Dated _____ for ₹ _____ /--
GST NO: _____

Name of Person(s) Representing the Bidder/Company:

Name of Person	Designation	Email-ID(s)	Tel. Nos. & Fax Nos.

Company/Firm Contacts:

Contact Person(s)	Address for Correspondence	Email-ID(s)	Tel. Nos. & Fax Nos.

Query / Clarification Sought:

Sl.No.	RFP Page No.	RFP Clause No.	Clause Details	Query / Suggestion / Clarification

***Note:** - Queries must be strictly submitted only in the prescribed format (.XLS/ .XLSX). Queries not submitted in the prescribed format will not be considered/ responded at all by the tendering authority. Also, kindly attach the colored scanned copy of the receipt towards the submission of the bidding/tender document fee.*



Annexure: 6
(To be in company letter head)

Format for List of Previous Work Orders Executed

RFP Enquiry No: SIRD&PR-XXX-XXX-XXX, Date: XX.XX.2025

SL. No	Name of Client	Name of the Project	Solution Brief	Project Value	Status (Complete/ In Progress/ Delay)
1					
2					
3					
.					
.					

Note: The information provided in the above table must supported by copies of relevant work order and completion certificate.

Signature of witness
Date:
Place:

Signature of the Bidder
Date:
Place:



Annexure: 7
(To be in company letter head) Price Bid Letter

RFP Enquiry No: SIRD&PR-XXX-XXX-XXX, Date: XX.XX.2025

To

The Administrative Officer,
SIRD&PR, Panchayati Raj & Drinking Water Department
Unit-VIII, Bhubaneswar-751012, Odisha

Subject: Submission of the Bid for Selection of Agency for Establishment of Selection of Agency for Establishment of Studio with Video Conferencing Set-up at SIRD&PR, Bhubaneswar & 33 nos Virtual Class Rooms (Two –Way) through Interactive Training and Video Conferencing (VC) Infrastructure through High Speed internet based Connectivity.

Sir/Madam,

We, the undersigned, offer to provide our services or Selection of Agency for Selection of Agency for Establishment of Studio with Video Conferencing Set-up at SIRD&PR, Bhubaneswar & 33 nos Virtual Class Rooms (Two –Way) through Interactive Training and Video Conferencing (VC) Infrastructure Offices through High Speed internet based Connectivity. In accordance with your RFP Enquiry No: SIRD&PR-XXX-XXX-XXX, Date: XX.XX.2025 and our bid document with Price Bid is attached in **Annexure: 8**.

1. Price and Validity

All the prices mentioned in our RFP are in accordance with the terms as specified in the RFP documents. We declare that our Bid Price is for the entire scope of the work as specified in the appropriate section in the RFP. All the prices and other terms and conditions of this Bid are valid minimum for a period 180 days from last date for Submission of Bid subject to further extended period as mutually agreed upon. We understand that the actual payment would be made as per the existing tax rates during the time of payment.

2. Unit Rates

We have indicated in the relevant forms enclosed, the unit rates for the purpose of on account of payment as well as for price adjustment in case of any increase to / decrease from the scope of work under the contract.



3. Qualifying Data

We confirm having submitted the information as required by you in your Instruction to Bidders. In case you require any other further information/documentary proof in this regard before evaluation of our bid, we agree to furnish the same in time to your satisfaction.

4. Bid Price

We declare that our Bid Price is for the entire scope of the work as specified in the RFP. These prices are indicated at Price Bid attached with our bid as part of the Bid.

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

We hereby declare that our bid is made in good faith, without collusion or fraud and the information contained in the bid is true and correct to the best of our knowledge and belief.

We understand that our bid is binding on us and that you are not bound to accept a bid you receive.

Thanking you,

We remain,

Yours sincerely,

Authorized Signature:

Name and Title of Signatory:

Name of Firm:

Address:



Annexure:8
(To be in company letter head)

Price Bid Format

As per BOQ uploaded in e-procurement portal.

- One-time charges - As per the format (enclosed)
- Recurring charges – As per the format (enclosed)



Annexure: 9
(To be submitted in OEM's letter head)

Manufacturer Authorization Format

RFP Enquiry No: SIRD&PR-XXX-XXX-XXX, Date: XX.XX.2025

To

The Administrative Officer,
SIRD&PR, Panchayati Raj & Drinking Water Department
Unit-VIII, Bhubaneswar-751012, Odisha

Subject: - Submission of Manufacturer Authorization Letter.

We <OEM Name> having our registered office at <OEM Address> are an established and reputed manufacturer of <hardware details> do hereby authorize M/s_____ (Name and address of the Partner) to offer their quotation, negotiate and conclude the contract with you against the above invitation for tender offer.

We hereby extend our full guarantee and warranty as per terms and conditions of the tender and the contract for the solution, products/equipment and services offered against this invitation for tender offer by the above firm and will extend technical support and updates / upgrades if contracted by the bidder.

We also confirm that we will ensure all product upgrades (including management software upgrades and new product feature releases) are provided by M/sfor all the products quoted for and supplied to the SIRD&PR during the product warranty period. Further we confirmed that the Equipment being quoted for the Tender in the bid should not be declared as End of Sale / End of Support on the date of submission of the bid. Service / Support including spares, patches etc. for the quoted products shall be available for the complete duration."

<OEM Name>

<Authorized Signatory>

Name:
Designation:

Note: This letter of authority should be on the letterhead of the OEM and should be signed by a person competent and having the power of attorney to bind the manufacturer. It should be included by the bidder in its Pre-qualification bid.



Annexure: 10

Installation-cum-Acceptance Certificate

Bidder Name	
RFP Enquire No.	
Purchase Order No and Date	
Description of equipment	
Date of delivery of equipment	
Installation Date	
Serial No's of equipment Installed	
Acceptance of equipment	Equipment has been delivered and successfully installed & configured and commissioned as per our RFP requirements and all the systems are working satisfactorily. Accordingly the Equipment may be accepted.

Name of SIRD&PR official: _____

Designation: _____

Signature: _____

Date: _____

Seal:



Annexure: 11
Performance Bank Guarantee

To

The Administrative Officer,
SIRD&PR, Panchayati Raj & Drinking Water Department
Unit-VIII, Bhubaneswar-751012, Odisha

Whereas, << name of the agency and address >> (hereinafter called "the Bidder") has undertaken, in pursuance of Order no. << insert contract no. >> dated. <<Insert date >> to provide Implementation services for << name of the assignment >> to SIRD&PR (hereinafter called "the beneficiary")

And whereas it has been stipulated by in the said contract that the Bidder shall furnish you with a bank guarantee by a recognized bank for the sum specified therein as security for compliance with its obligations in accordance with the contract;

And whereas we, << name of the bank >> a banking company incorporated and having its head

/registered office at << address of the registered office >> and having one of its office at << address of the local office >> have agreed to give the supplier such a bank guarantee.

Now, therefore, we hereby affirm that we are guarantors and responsible to you, on behalf of the supplier, up to a total of Rs.<< insert value >> (Rupees << insert value in words >> only) and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of Rs.<< insert value >> (Rupees << insert value in words >> only) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Bidder before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the Bidder shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.



This Guarantee shall be valid until << Insert Date

>>) Notwithstanding anything contained herein:

- I. Our liability under this bank guarantee shall not exceed Rs<< insert value >> (rupees << insert value in words >> only).
- II. This bank guarantee shall be valid up to << insert expiry date >>)
- III. It is condition of our liability for payment of the guaranteed amount or any part thereof arising under this bank guarantee that we receive a valid written claim or demand for payment under this bank guarantee on or before << insert expiry date >>) failing which our liability under the guarantee will automatically cease.

(Authorized Signatory of the Bank)

Seal

Date



List of Enclosures

Please check whether following have been enclosed.

Sl. No.	Enclosure description	Enclosed (Yes / No)	Annexure / Attachment / Page No. / Envelop No. of the Enclosure
1	Annexure-1 Particulars of the Bidder		
2	Copy of Registration Certificate of the firm		
3	Organization Profile		
4	Self -Declaration that the bidder hasn't been black listed by any Govt./PSU (Annexure-2)		
5	Copy of GST Return for the latest quarter		
6	Copy of GST Registration No & PAN No with Date		
7	Copy of the IT Return previous 3 Years		
8	Audited Balance Sheet and Profit & Loss Account statement for previous three years.		
9	Authorization Letter (Annexure-3)		
10	Acceptance of terms and condition (Annexure-4)		
11	List of previous work orders executed (Annexure-6)		
13	Tender document fee payment proof with pre-qualification bid.		
14	EMD payment proof with pre-qualification bid.		
15	Price Bid Letter (Annexure-7)		
16	Manufacturer Authorization Format (Annexure-9) with pre-qualification bid.		



Price Bid Format

A Studio Setup (01 Number)				
Sl. No	Materials for Studio (VC Class Room) Description	Quantity	Brand of Equipment's	Price
1	PTZ Camera with AI Tracking	2		
2	Digital Signal Processor	1		
3	Cloud-based Virtual Conferencing Application Software	1		
4	8X8 AV Switcher	1		
5	Wireless Lapel Microphone	2		
6	Audio System - (Amplifier with Speakers)	1		
7	Laptop	1		
8	55 inches Professional Display	3		
9	Interactive panel 75 inches	1		
10	Laptop with HDMI output	1		
11	Preview Setup -Laptop with Application Software	1		
12	LED Lights with ceiling mount movable Grid and mounting clamps	4		
13	Video light	10		
14	Editing Setup	1		
15	Furniture	1		
16	Earthling + Cabling & Installation + Integration + Testing	1		
17	Accessories for integration	1		
18	Acoustic, Fabric Above Acoustics, Green Screen (Chroma key) with Air Condition	1		
19	UPS (10KVA) for Main Studio (VC Class Room)	1		

B Interactive Virtual Training center with Video Conferencing facility				
Sl. No	Bill of Materials	Quantity	Brand of Equipment's	Price
20	Virtual Conferencing Application Software	1		
21	Communication Equipment- (2-Way)	1		
22	Installation + Integration + Testing	1(Services)		
23	Annual Maintenance charges for Studio maintenance and subscription of Software after warranty period	1 (services)		

C Interactive Virtual Class Rooms with Video Conferencing facility @30 DPRCs & 3 ETCs				
Sl. No	Bill of Materials	Quantity	Brand of Equipment's	Price
1	Virtual Conferencing Application Software	1		
2	Communication - (2-Way) (software)	33		
3	Interactive Display	33		
4	Digital Signal Processor, Amplifier and Wireless Mic	33		
5	Wall mount speaker	33		
6	PTZ Camera with AI Tracking	33		
7	Installation + Integration + Testing	33 (service)		
8	Rack	33		
9	Switch, Cables & Connectors, etc.	33		
10	UPS	33		
11	Annual Maintenance charges after 3 years warranty period	33 (service)		