

# **Request for Proposal (RFP) for Selection of System Integrator for Design, Supply, Installation, Testing & Commissioning of Campus WiFi with Internet access for Odisha Adarsha Vidyalaya Sangathan (OAVS) schools across Odisha on Build Own Operate and Transfer (BOOT) Model for five years**

**RFP No. - OCAC-SEGP-INFRA-0036-2022, Dated 01-09-2025**



**Odisha Computer Application Centre (Technical Directorate of E&IT Department,  
Government of Odisha), N-1/7-D, Acharya Vihar, PO- RRL, Bhubaneswar –  
751013, EPBX:  
0674-2567280 / 2567064 / 2567295 / 2567283**

## **Disclaimer**

The information contained in this Request for Proposal (hereinafter referred to as "RFP") document provided to the Bidders, by the Odisha Computer Application Centre (OCAC) Odisha, or any of its employees, 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 Odisha Computer Application Centre (OCAC) Odisha and its employees 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. Odisha Computer Application Centre (OCAC) Odisha and its employees make 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. Client Department also accepts no liability of any nature whether resulting from negligence or otherwise whatsoever arising from reliance of any Bidder upon the statements contained in the Bidding Documents.

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. OCAC/Client Department 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 OCAC/Client Department is bound to select a Bidder or to appoint the Selected Bidder or Service Provider for the Project and the OCAC/Client Department reserves the right to reject all or any of the Bidders or Bids without assigning any reason whatsoever.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, uploading, expenses associated with any demonstrations or presentations which may be required by OCAC/Client Department 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 OCAC/Client Department 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. OCAC may, in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information in this RFP document.

## **Instruction to Bidders for Online Bid Submission**

eNivida is the complete process of eTendering, from publishing of tenders online, inviting online bids , evaluation and award of contract using the system. You may keep a watch of the tenders floated under <https://enivida.odisha.gov.in>

Bidder Enrolment can be done using “**Bidder Enrolment**”.

The instructions given below are meant to assist the bidders in registering on the e- Nivida Portal, and submitting their bid online on the portal as per uploaded bid.

More information useful for submitting online bids on the eNivida Portal may be obtained at: <https://enivida.odisha.gov.in>

### **GUIDELINES FOR REGISTRATION:**

1. Bidders are required to enrol themselves on the eNivida Portal <https://enivida.odisha.gov.in> or click on the link “Bidder Enrollment” available on the home page of e-tender Portal by paying the Registration fee of Rs.2,500/- + Applicable GST.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication with the bidders.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Only Class III Certificates with signing + encryption key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
5. Only valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their user ID /password and the password of the DSC / e-Token.
7. The scanned copies of all original documents should be uploaded in pdf format on e-tender portal.
8. After completion of registration payment, bidders need to send their acknowledgement copy on our help desk mail id [odishaenivida@gmail.com](mailto:odishaenivida@gmail.com), for activation of the account.

### **SEARCHING FOR TENDER DOCUMENTS**

1. There are various search options built in the e-tender Portal, to facilitate bidders to search active tenders by several parameters.
2. Once the bidders have selected the tenders they are interested in, then they can pay the Tender fee and processing fee (NOT REFUNDABLE) by net-banking / Debit / Credit card then you may download the required documents / tender schedules, Bid documents etc. Once you pay both fee tenders will be moved to the respective ‘requested’ Tab. This would enable the e- tender Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.

### **PREPARATION OF BIDS**

1. Bidders 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. Bidders, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF formats. Bid Original documents may be scanned with 100 dpi with Colour option which helps in reducing size of the scanned document.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g., PAN card copy, GST, Annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Documents" available to them to upload such documents.
5. These documents may be directly submitted from the "My Documents" area while submitting a bid and need not be uploaded again and again. This will lead to a reduction in the time required for the bid submission process. Already uploaded documents in this section will be displayed. Click "New" to upload new documents.

## **SUBMISSION OF BIDS**

1. Bidders should log into the website well in advance for the submission of the bid so that it gets uploaded well in time i.e., on or before the bid submission time. Bidders will be responsible for any delay due to other issues.
2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document as a token of acceptance of the terms and conditions laid down by the Department.
3. Bidder has to select the payment option as per the tender document to pay the tender fee / Tender Processing fee & EMD declaration as applicable and enter details of the instrument.
4. In case of BG, the bidder should prepare the BG as per the instructions specified in the tender document. The BG in original should be posted/couriered/given in person to the concerned official before the Online Opening of Financial Bid. In case of non-receipt of BG amount in original by the said time, the uploaded bid will be summarily rejected.
5. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the yellow Coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
6. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
7. The uploaded bid documents become readable only after the tender opening by the authorized bid openers.
8. Upon the successful and timely submission of bid click "Complete" (i.e. after Clicking "Submit" in the portal), the portal will give a successful Tender submission acknowledgement & a bid summary will be displayed with the unique id and date & time of submission of the bid with all other relevant details.
9. The tender summary has to be printed and kept as an acknowledgement of the submission of the tender. This acknowledgement may be used as an entry pass for any bid opening meetings.

**For any clarification in using eNivida Portal:**

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
2. Any queries relating to the process of online bid submission or queries relating to e-tender Portal in general may be directed to the Helpdesk Support.

Please feel free to contact eNivida Helpdesk (as given below) for any query related to e-tendering.

**Phone No. 011-49606060**

**Mail id: - odishaenivida@gmail.com**

## **Acronyms and Glossary of Terms**

<b>Acronyms / Abbreviations</b>	<b>Description</b>
OCAC	Odisha Computer Application Centre
EMD	Earnest Money Deposit
IT	Information Technology
LD	Liquidated Damages
LOI	Letter of Intent
OEM	Original Equipment Manufacturer
ISP	Internet Service Provider
SI	System Integrator
OS	Operating System
SLA	Service Level Agreement
UAT	User Acceptance Test

## Important Dates & Information

Information	Details
Bid Inviting Authority	Odisha Computer Application Center (OCAC) (Technical Directorate of I.T. Dept, Govt. of Odisha)
Correspondence Address	The General Manager (Admin) Odisha Computer Application Centre (OCAC) (Technical Directorate of I.T. Dept, Govt. of Odisha) N-1/7-D, Acharya Vihar, P.O.- RRL, Bhubaneswar -751013
RFP Name	RFP for Selection of System Integrator for Design, Supply, Installation, Testing & Commissioning of Campus WiFi with Internet access for Odisha Adarsha Vidyalaya Sangathan (OAVS) schools across Odisha on Build Own Operate and Transfer (BOOT) Model for five years
Bid Reference No. and Date	<b>OCAC-SEGP-INFRA-0036-2022, Dated 01-09-2025</b>
Non-Refundable RFP Document Fee	<p>₹11,200/-(inclusive of 12% GST) Eleven Thousand Two Hundred Only in the form of Demand Draft drawn on any Nationalized Bank or Scheduled Commercial Bank in favor of "Odisha Computer Application Centre ", payable at Bhubaneswar.</p> <p><i>The RFP document fee can also be transfer online through NEFT only to Union Bank of India, Account Number 149316300000195, IFSC Code - UBIN0814938, Acharya Vihar Branch, Bhubaneswar, Account Name - Odisha Computer Application Centre. In case of NEFT online transfer of RFP Document fee, the firm must mention the Firm Name, Amount Transfer with Transaction ID, Tender Enquire Number, GST No in the mail.</i></p>
Earnest Money Deposit (EMD)	<p>The bidder must have submitted the EMD of ₹50,00,000/- (Rupees Fifty Lakhs only) in the shape of Demand Draft (DD) from any Nationalized/Scheduled Commercial Bank in favor of Odisha Computer Application Centre (OCAC), payable at Bhubaneswar. The EMD should be valid for a minimum period of 90 days from the last date of submission of the Bid.</p> <p>Bidder should upload the scan copy of the DD online and submit the original DD at OCAC office on or before 26/09/2025, 3.00 PM.</p>
Availability of Bid Document in the website ( <a href="http://www.ocac.in">www.ocac.in</a> <a href="http://www.odisha.gov.in">www.odisha.gov.in</a> )	01-09-2025 To 26-09-2025 at 03:00 PM
Last date for receiving queries	08-09-2025 by 04:00 PM

Date and Time of Pre-bid Conference	10-09-2025 at 12:30 PM
Issue of Corrigendum (if Required)	18-09-2025
Last Date and Time for Submission of Bid document	26-09-2025 by 03:00 PM
Date and Time of opening of Pre-Qualification Bids (PQ) & Technical Bids (TB)	26-09-2025 at 04:00 PM
Opening of Commercial Bid(CB)	To be informed

### **Notice Inviting RFP**

OCAC invites proposals from reputed agencies of National and International repute, for "Selection of System Integrator for Design, Supply, Installation, Testing & Commissioning of Campus WiFi with Internet access for Odisha Adarsha Vidyalaya Sangathan (OAVS) schools across Odisha on Build Own Operate and Transfer (BOOT) Model for five years" for Odisha Adarsha Vidyalaya Sangathan (OAVS), Government of Odisha, as detailed in the Scope of Work in this RFP.

The RFP document can be downloaded from the OCAC websites <http://enivida.odisha.gov.in> and <https://www.odisha.gov.in> Response to this Request for Proposal (RFP) shall be deemed to have been done after careful study and examination of this document with full understanding of its implications. This and subsequent sections provide general information about the Issuer, important dates for RFP processing, addresses for communication and correspondence, and the overall eligibility, Technical evaluation criteria and related terms for the interested bidders.

OCAC reserves the right to cancel any or all the bids without assigning any reason thereof.

### **Issuer**

The General Manager (Admn.) Odisha Computer Application Centre (OCAC)  
OCAC Building, Plot No.-N-1/7-D, Acharya Vihar Square RRL Post Office, Bhubaneswar - 751013(Odisha).

## 1. Fact Sheet

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

Clause Reference	Topic
<b>The Proposal</b>	Odisha Computer Application Centre (OCAC) invites RFP Selection of System Integrator for Design, Supply, Installation, Testing & Commissioning of Campus WiFi with Internet access for Odisha Adarsha Vidyalaya Sangathan (OAVS) schools across Odisha on Build Own Operate and Transfer (BOOT) Model for five years for Odisha Adarsha Vidyalaya (OVA), Government of Odisha.
<b>Method of Selection</b>	Least Cost Selection (LCS) i.e., L1 method shall be used to select the bidder. The bidder is required to submit the bids General (i.e., Pre-qualification), Technical & Financial bid in e-Nivida portal ( <a href="https://enivida.odisha.gov.in">https://enivida.odisha.gov.in</a> ). Technical bid of those bidders who qualify in General Bid shall be opened. Financial bids of those bidders who qualify in Technical Bid by scoring 80% mark or above shall be opened. <b>OCAC reserves the right to award the contract to more than one bidder, at L1 price in the interest of speedy implementation of the Project.</b>
<b>RFP Document Fee</b>	The RFP document can be downloaded from the website <a href="http://www.odisha.gov.in">www.odisha.gov.in</a> or <a href="http://www.ocac.in">www.ocac.in</a> or <a href="https://enivida.odisha.gov.in/">https://enivida.odisha.gov.in/</a> . The bidders are required to submit the RFP document fee of ₹11,200/- (inclusive of 12% GST) Eleven Thousand Two Hundred Only in shape of Bank Draft in favour of Odisha Computer Application Centre and payable at Bhubaneswar from any of the scheduled commercial banks along with the proposal (General Bid) documents.
<b>Earnest Money Deposit (EMD)</b>	The bidder must have submitted the EMD of ₹50,00,000/- (Rupees Fifty Lakhs Only) in the shape of Demand Draft (DD) from any Nationalized/Scheduled Commercial Bank in favor of Odisha Computer Application Centre (OCAC) payable at Bhubaneswar. The EMD should be valid for a minimum period of 90 days from the last date of submission of the Bid.  Bidder should upload the scan copy of the DD online and submit the original DD at OCAC office on or before 26/09/2025, 3.00 PM
<b>Performance Bank Guarantee (PBG)</b>	The successful bidder shall submit a Performance Bank Guarantee (PBG) equivalent to 10% of the total project value for a period of 3 years and 3 months, covering the entire duration of the warranty and AMC period. Upon completion of the initial 3-year Warranty and AMC period, the PBG shall be revised to 10% of the AMC value for the subsequent 4th and 5th years. The PBG must be issued by any Nationalized or Scheduled Commercial

	Bank in the prescribed format, in favour of Odisha Computer Application Centre (OCAC), and shall be submitted within 30 days from the date of issuance of the Work Order.
<b>Scope of Work</b>	Selected Bidder is expected to deliver the equipment and services listed in Scope of Work as mentioned in this RFP.
<b>Language</b>	Bid must be prepared by the Bidder in English language only.
<b>Currency</b>	The bidder should quote in Indian Rupees only. The total price inclusive of taxes, levies and duties will be considered for evaluation. So, the bidder must mention the base price and the tax component separately.
<b>Validity Period</b>	Proposals/bid must remain valid for minimum 180 days from the last date of bid submission.
<b>Bid to be submitted on or before last date of submission at:</b>	<p>The proposal must be submitted to:</p> <p>The General Manager (Admn.)  Odisha Computer Application Centre (OCAC)  OCAC Building, Plot No.-N-1/7-D, Acharya Vihar Square, RRL Post Office, Bhubaneswar-751013 (INDIA)</p> <p>No physical copies of the documents will be accepted.</p>

## **2. Invitation for Bids**

Odisha Computer Application Centre (OCAC) invites bids from eligible bidders who have the necessary qualifications Selection of System Integrator for Design, Supply, Installation, Testing & Commissioning of Campus WiFi with Internet access for Odisha Adarsha Vidyalaya Sangathan (OAVS) schools across Odisha on Build Own Operate and Transfer (BOOT) Model for five years per the "Scope of Work" described in this RFP. The detailed school list is attached in this RFP at Annexure-17.

The Bid document has been published in the official website of OCAC [w, https://enivida.odisha.gov.in](https://enivida.odisha.gov.in) and <http://www.odisha.gov.in>. The tender advertisement has also been published in leading newspapers for wide circulation. Bidders are requested to go through the Bid document carefully and participate in the bidding process with all necessary details as required.

This RFP is issued by OCAC, which is the sole point of contact during the selection process. The Nodal Officer responsible for the entire process is General Manager (Admin).

## **3. Background Information**

Odisha Adarsha Vidyalaya Sangathan (OAVS) envisions providing quality education to every deserving child in Odisha while establishing itself as a national role model. Its mission is to create state-of-the-art, CBSE-affiliated model schools in every block by standardizing teaching and learning through comprehensive manuals and SOPs. The objectives include delivering holistic education that nurtures the body, mind, and soul; placing special emphasis on academics, sports, personality development, and career planning; training students in essential life and survival skills; and ensuring each school is equipped with quality ICT infrastructure. Additionally, the institution aims to support neighboring schools as a lead school, enable low-income families to access quality education, and develop a replicable, scalable model that incorporates the best educational practices from across the country and the world, ultimately providing students with the exposure they need to achieve their career goals.

## **4. Need of Internet**

Robust internet connectivity is essential for Odisha Adarsha Vidyalaya to fully realize its vision of providing quality, ICT-based education to every deserving child, equipping them as future-ready individuals. Over time, OAVS has strategically procured state-of-the-art ICT infrastructure to support this mission, ensuring that its schools serve as models of modern education. To maximize the benefits of these technological investments, a reliable and high-speed internet connection is indispensable as it facilitates the delivery of standardized digital teaching methods and interactive e-learning platforms, while seamlessly integrating holistic educational experiences that encompass academics, sports, personality, and career development. In the current AI age, it is crucial for students to be updated with the latest technology before completing their education at OAVS and moving on to higher studies, ensuring they are future-proof and well-prepared for the evolving digital landscape. Moreover, robust internet access empowers students from low-income families with equitable learning opportunities, thereby reinforcing OAVS's commitment to a replicable and scalable model of education that sets a national benchmark.

## **5. Objectives and expected outcomes**

### **5.1 Seamless Integration of ICT Infrastructure:**

This objective focuses on ensuring that the state-of-the-art technology procured by OAVS is fully leveraged by deploying a reliable, high-speed internet connection across all schools. Such connectivity not only supports digital teaching methods and interactive e-learning platforms but also enhances the utilization of existing digital learning tools and tracking mechanisms. By streamlining these systems, the integration brings greater transparency to the educational process and provides real-time data and insights to policymakers, administrative authorities, and teaching staff. This data-driven approach enables more effective implementation of educational strategies and continuous improvement of teaching methodologies. Additionally, by keeping abreast of emerging trends and technological advancements, the integrated system allows for regular updates in pedagogy, ensuring that the curriculum evolves to meet the demands of the current digital landscape and prepares students for future academic and professional challenges.

### **5.2 Current scenario:**

The current scenario at OAVS reflects substantial progress in ICT integration, evidenced by the establishment of 3,190 Interactive Flat Panel-based Smart classrooms and the operation of 140 Smart Labs equipped with Servers and Thin clients, alongside extensive CCTV deployment across campuses. Proposals to add another 128 Smart Labs further underscore the commitment to advancing digital infrastructure in line with government initiatives for digital inclusivity and educational transformation. However, despite these achievements, internet connectivity remains largely decentralized, leaving many schools without access to standardized, high-speed internet. This gap not only restricts the optimal use of the sophisticated ICT resources but also impedes the effective delivery of digital learning, real-time data tracking, and transparent communication among stakeholders. Addressing these connectivity challenges is imperative to ensure equitable access to digital tools and to support the overarching goal of developing a replicable, future-ready educational ecosystem.

## **6. Stakeholders involved**

### **6.1 OAVS (Odisha Adarsha Vidyalaya):**

OAVS is the primary agency driving the digital education transformation initiative, responsible for establishing and managing the advanced ICT infrastructure within its network of schools. As the frontrunner in implementing state-of-the-art digital classrooms and smart labs, OAVS sets the strategic vision and operational framework to ensure that every student has access to quality, future-ready education. Their role includes overseeing the deployment of interactive learning tools and ensuring that the educational environment is conducive to holistic development.

### **6.2 OCAC (Odisha Council of Administrative Coordination):**

OCAC plays a critical oversight role by ensuring that all digital transformation efforts align with established government policies and standards. They facilitate coordination among various

government departments and ensure that the digital initiatives are compliant with regulatory requirements. By providing policy guidance and monitoring progress, OCAC helps to maintain transparency, accountability, and effectiveness in the implementation of the digital education agenda, thereby reinforcing the commitment to equitable access and quality education.

### **6.3 Internet Service Provider (ISP):**

The Internet Service Provider is integral to the initiative, tasked with delivering the high-speed, reliable internet connectivity essential for the effective functioning of digital classrooms and smart labs. As the backbone of the digital infrastructure, the ISP ensures that all schools have consistent access to online educational resources, interactive platforms, and real-time data services. Their role is pivotal in bridging the connectivity gap, which is fundamental to supporting the extensive ICT investments made by OAVS.

### **6.4 System Integrator:**

The System Integrator is pivotal in ensuring the seamless connectivity of ICT infrastructure within each school. Their responsibilities begin with supporting the Internet Service Provider (ISP) to establish the last-mile connectivity, which is critical for linking the schools to high-speed internet networks. They are tasked with setting up the necessary electrical and electronic infrastructure at the school level to effectively terminate the connection. Furthermore, the System Integrator establishes intra-connectivity between smart classrooms and smart labs, ensuring that all ICT equipment operates cohesively. They deploy skilled manpower to oversee these activities, ensuring that installation and integration are executed to the highest standards. Additionally, the System Integrator serves as the key coordinator between the ISP, OAVS, and OCAC, playing a crucial role in maintaining the Service Level Agreements (SLA) necessary for consistent, reliable internet connectivity across all schools.

## **7. Introduction**

### **7.1 Background and rationale for the project**

The project was conceived to bridge the digital divide in government schools and transform the educational landscape through modern ICT integration. Despite significant strides in deploying state-of-the-art ICT infrastructure, such as Interactive Flat Panel based classrooms and Smart Labs, many schools still face challenges in accessing uniform high-speed internet connectivity. This project addresses these disparities by standardizing internet access and enhancing digital tools integration, laying the foundation for a future peer-to-peer network where schools can interact, share cultural activities, engage in knowledge sharing, and participate in debate-based conversations to boost reasoning, analytical, and communication skills. Moreover, the initiative envisions the creation of dedicated studio classrooms to broadcast lectures across the OAVS network, ensuring uniformity in teaching and learning. It also facilitates real-time tracking and paves the way for a live Learning Management System (LMS) for seamless implementation, thereby fostering an ecosystem of continuous pedagogical improvement aligned with contemporary technological trends.

### **7.2 Digital Divide in Government Schools – Internet Connectivity**

The digital divide in OAVS schools, when viewed through the lens of internet connectivity, highlights a stark disparity between schools equipped with reliable high-speed internet and those grappling with inconsistent or substandard access. This gap significantly hampers the

ability of most of the OAVS schools to leverage digital educational tools, access up-to-date online resources, and engage in interactive learning. Without uniform internet connectivity, students and educators face limitations in implementing real-time data tracking, online collaboration, and advanced e-learning platforms, ultimately affecting the quality and continuity of education.

### **7.3 Government policies and initiatives supporting digital education**

Government policies and initiatives aimed at bolstering digital education form a critical backbone for the OAVS project, particularly in ensuring robust internet connectivity across its network. In line with national strategies for digital inclusion, these policies mandate the standardization of high-speed internet in educational institutions, thereby enabling OAVS to harness its state-of-the-art ICT infrastructure effectively. By aligning with government directives on digital transformation, OAVS not only benefits from centralized funding and technical support but also sets a benchmark for leveraging digital tools in education. This proactive approach ensures that every OAVS school can provide seamless online access, facilitating interactive learning, real-time data tracking, and collaborative platforms that are essential for modern pedagogy and continuous educational innovation.

### **7.4 How the project benefits students, teachers, and the administration.**

The project delivers a multitude of benefits across all levels of the OAVS ecosystem.

#### **7.4.1 For Students:**

The robust internet connectivity fosters an engaging, interactive learning environment that provides access to up-to-date digital resources, e-learning platforms, and collaborative tools. This not only enhances their digital literacy but also prepares them for higher studies and future career opportunities by enabling participation in virtual classrooms, peer-to-peer learning, and culturally enriching activities.

#### **7.4.2 For Teachers:**

The initiative streamlines lesson planning and delivery through real-time data and feedback from digital tracking tools, empowering them to adopt innovative teaching methodologies and continually update their pedagogical practices.

#### **7.4.3 For Administrators:**

Administratively, the project facilitates enhanced transparency and data-driven decision-making by providing comprehensive real-time insights into academic performance and resource utilization. This coordinated approach not only standardizes education across the network but also aligns with government policies on digital inclusion, ultimately creating a scalable and replicable model of quality digital education.

## 8. Project Objectives

### 8.1 Providing high-speed, reliable internet connectivity

OAVS is committed to delivering a minimum **10 Mbps Leased Line** connection with **98.5% uptime to every school**, thereby ensuring that Interactive Flat Panel-based Smart Classrooms and Smart Labs operate at their full potential. This target uptime will be achieved by holding the System Integrator accountable for meeting strict Service Level Agreements (SLAs) and by adopting a hybrid model that leverages multiple ISPs / single ISP based on the specific feasibility of each OAVS school. A centralized tracking and monitoring system will be implemented to continuously assess network performance and guarantee the desired uptime, with administrative staff granted access to essential monitoring tools. This comprehensive approach not only enhances the reliability of internet connectivity but also ensures that all digital learning environments are uniformly supported, promoting an effective and seamless educational experience.

### 8.2 Empowering Smart Classrooms and Strengthening School IT Infrastructure:

A robust digital transformation at OAVS hinges on both supporting smart classrooms and e-learning platforms and reinforcing the underlying IT infrastructure. This integrated approach ensures that interactive digital learning environments are not only equipped with state-of-the-art tools such as interactive flat panels and smart labs, but also backed by a resilient, high-speed network and modern IT systems. By fostering a seamless connection between advanced classroom technologies and a reliable, well-maintained IT backbone, OAVS guarantees a consistent, engaging, and future-ready educational experience. This comprehensive support system enables real-time access to e-learning resources, facilitates effective teacher-student interactions, and provides administrators with essential data to continuously enhance the teaching and learning processes across the entire network.

## 9. Requirement, Scope of Work, Deliveries & Timelines

The scope of work primarily focuses on Providing Internet Connectivity with Campus Wifi Management in OAVS Schools in the selected schools of Odisha Adarsha Vidyalaya Sangathan (OAVS) which includes procurement, supply, installation, commission, operation & management support of Internet Connectivity in the Smart Classrooms for a period of five (5) years.

### Detailed Requirement under this Project

#### 9.1 Infrastructure requirements:

##### Specifications for Internet Connectivity:

##### 9.1.1 Connection Type:

A dedicated **Managed Leased Line** connection will be deployed to ensure consistent and uninterrupted service for each school. **1: 1 Internet Connectivity. 8 static IP's** to be given, **2 for Connectivity, 1 for Link monitoring** and **5 are available for school** usage. Dedicated Leased Line connections shall be provided exclusively via either Fiber Optic or RF-

based microwave link technology, ensuring high-performance, dedicated bandwidth, and robust reliability in compliance with industry-standard SLAs.

### **9.1.2 Minimum Bandwidth:**

Each school will be provided with a **minimum bandwidth of 10Mbps** to support Interactive Flat Panel based Smart Classrooms, Smart Labs and other ICT applications efficiently.

### **9.1.3 Uptime Guarantee:**

The connectivity solution will be backed by a Service Level Agreement (SLA) ensuring a **minimum uptime of 98.5%**. This level of reliability is crucial for maintaining seamless operations in smart classrooms and labs. Proactive monitoring to be done by the NOC Team of the ISP / System Integrator.

### **9.1.4 Connectivity Model:**

A hybrid connectivity model will be implemented, utilizing multiple Internet Service Providers based on local feasibility studies and geographical requirements. This approach is designed to ensure that every school receives the necessary internet connection, tailored to the specific conditions of each location.

### **9.1.5 Last Mile Connectivity:**

The System Integrator will be responsible for establishing the last-mile connectivity. This includes setting up the required electrical and electronic infrastructure at each school to effectively terminate the connection and deliver high-speed internet directly to the designated ICT zones.

### **9.1.6 Intra-Campus Integration:**

An intra-campus network will be established to facilitate seamless communication between Interactive Flat Panel-based Smart Classrooms and Smart Labs. This ensures that all ICT equipment within the school can operate cohesively, supporting real-time learning and administrative functions.

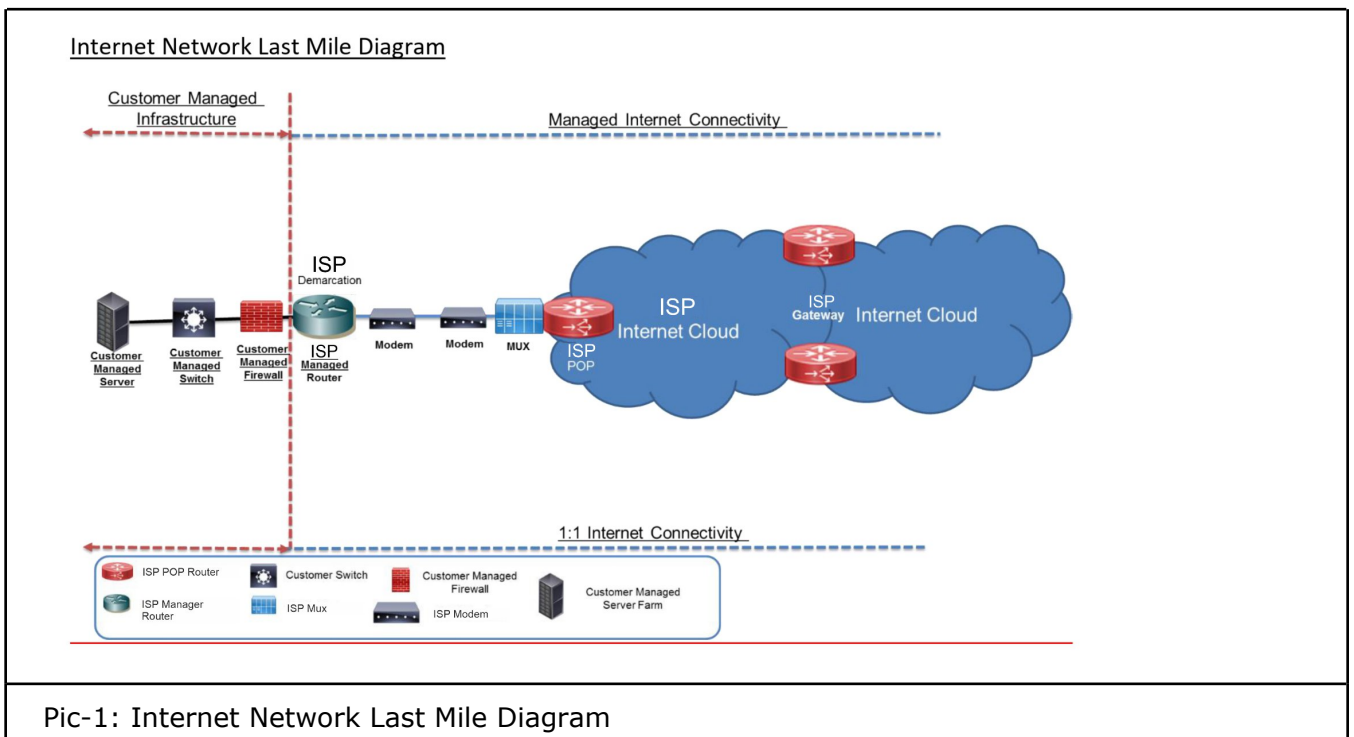
## **9.2 Scope of Supply**

### **9.2.1 Required Hardware & Services**

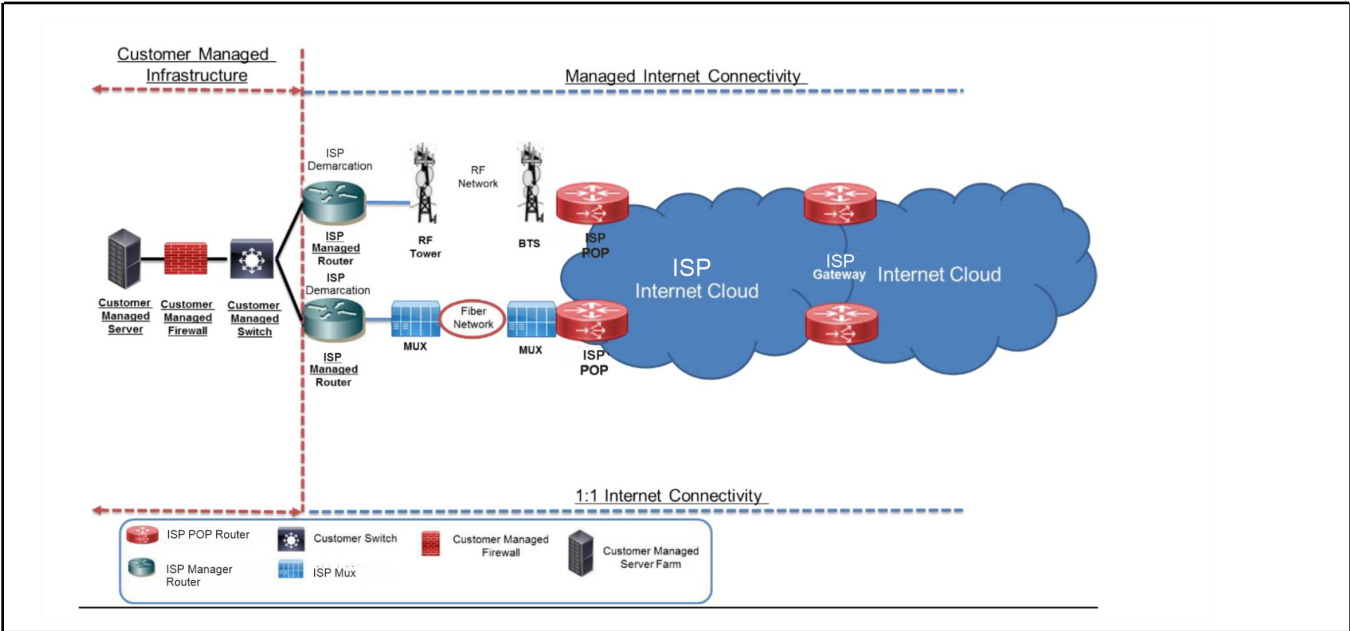
<b>Sl. No.</b>	<b>Equipment / Item Name</b>
1	Managed Router
2	Access Points (Indoor / Outdoor) – Quantity to be Determined Based on Requirements at School Level – Approximately - 10 Access Points including Indoor & Outdoor
3	UPS-600VA

Sl. No.	Equipment / Item Name
4	PoE Switch
5	Over/Under Voltage Protection Device with Surge Suppression
6	Wall Mount Cabinet
7	Managed Internet service (ILL with minimum of 10Mbps)
8	Electrical Wiring and Modular Switches to be used for installation and setup (as per the requirement at the school level)
9	Networking equipment / wiring specification for setup at the end points (as per the requirement)
10	Earthing

### 9.2.2 Network architecture and design of Managed ILL



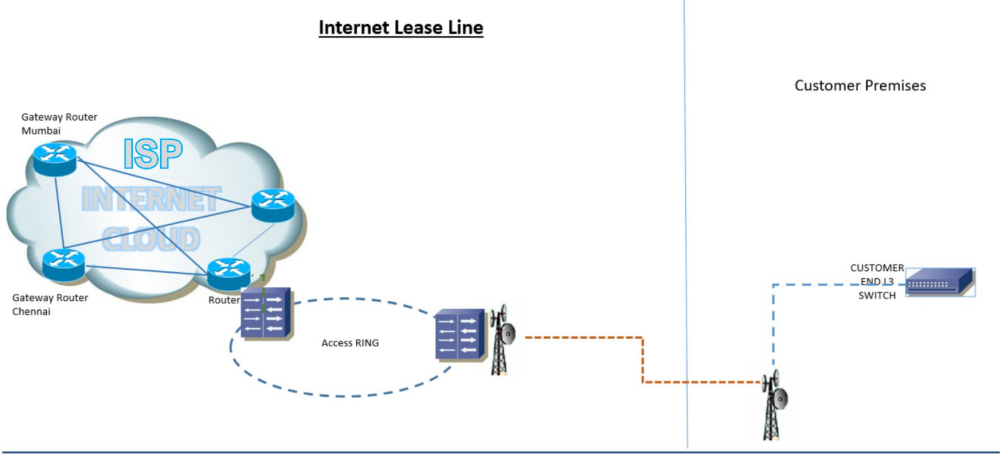
Pic-1: Internet Network Last Mile Diagram



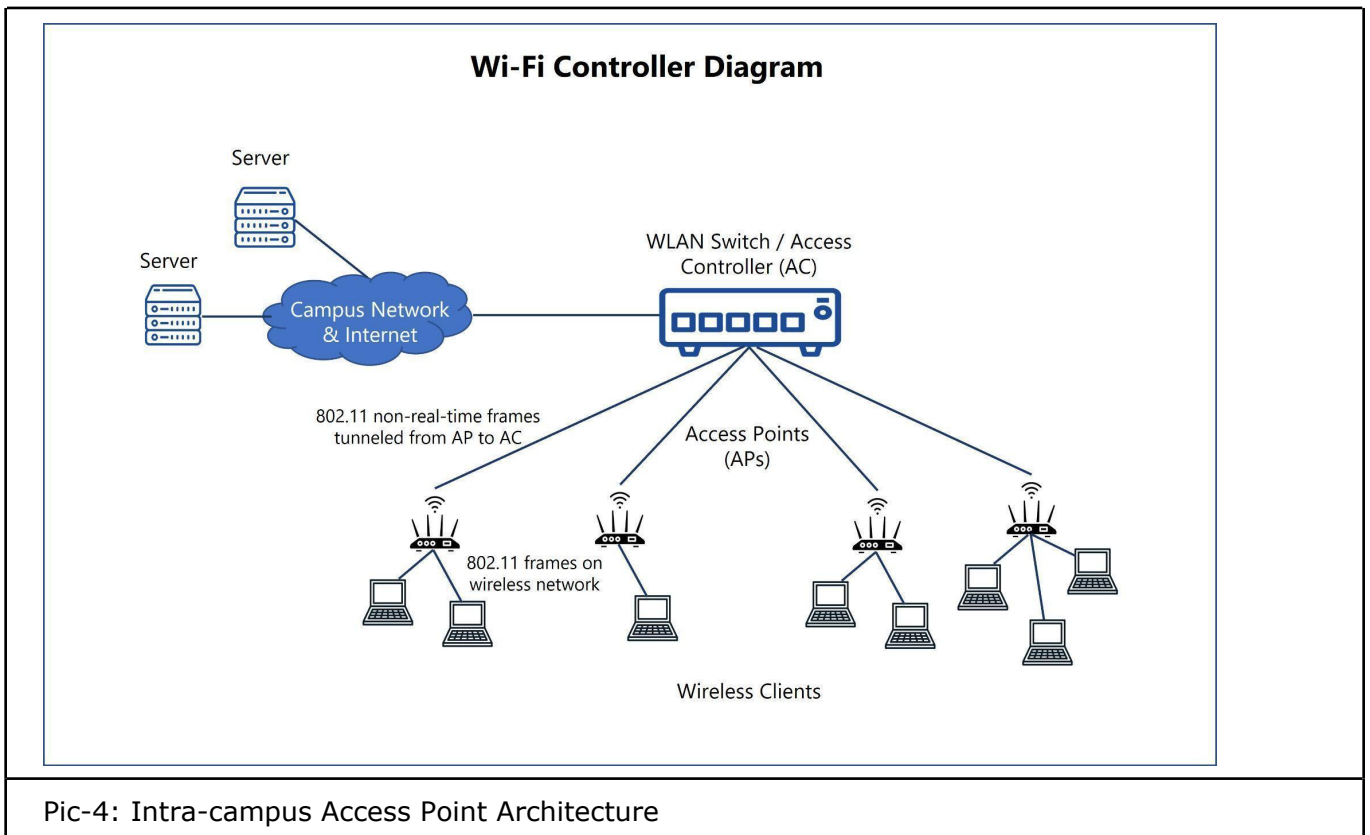
Pic-2: Internet Network Last Mile Diagram

Network Diagram

Locations is feasible on RF. Please find below the diagram from installation location RF tower to BTS to our POP location.



Pic-3: Installation location RF tower to BTS to POP location



### 9.2.3 Schools to be covered

The project will cover 315 OAVS schools, providing 10MBPS managed Internet Leased Line (ILL) connectivity and a Campus Wifi setup for a duration of five years.

### 9.3 Scope of work to be done at last mile connectivity:

#### 9.3.1 Internet Connectivity Setup:

Internet connectivity shall be terminated at the school premises by the selected Internet Service Provider (ISP) after conducting a detailed site feasibility assessment. It is the responsibility of the System Integrator (SI) to ensure that each site is equipped with a 10 Mbps Managed Internet Leased Line (ILL).

#### 9.3.2 Feasibility-Based ISP Selection:

In cases where the selected primary ISP is unable to provide connectivity to certain schools due to feasibility limitations, the System Integrator shall coordinate with alternate licensed ISPs to ensure that every school receives functional internet connectivity. The objective is to ensure that all schools are connected, even if different ISPs are used for different locations based on site-specific feasibility.

#### 9.3.3 Campus Wi-Fi Setup:

The System Integrator (SI) shall establish a comprehensive campus-wide Wi-Fi network within each school to ensure seamless wireless internet connectivity. The number of Access Points (Indoor and Outdoor) required for each school shall be determined by the successful bidder based on a detailed baseline survey conducted at each site. It shall be the responsibility of the System Integrator to ensure that all ICT equipment related to the Smart Classroom and Smart Lab, as well as all classrooms/labs requiring internet access based on the available ICT infrastructure, are effectively covered under the campus Wi-Fi network.

The approximate quantity of Access Points (Indoor and Outdoor) per school shall be 10 Nos, however the final quantity for each of the schools dependent on the coverage requirements of each school. The successful bidder will do a detailed site survey post bidding and submit a report of the survey to determine the final quantity of the access points required at each school. However for the purpose of the bidding 10 Access Points per school will be taken as approximate quantity. It shall be the duty of the System Integrator to factor in this requirement while submitting their technical and commercial proposals.

#### **9.3.4 Electrical and Earthing Infrastructure:**

- The SI shall provide proper earthing and required electrical points at the designated internet termination location within the school premises.
- Electrical switches and sockets must be installed at the termination point in the room, to support power supply to routers, switches, and UPS.
- All networking equipment, including switches and routers, shall be installed and securely placed at the termination point.

#### **9.3.5 Wi-Fi Distribution Using Switches:**

The installed switch shall be utilized to distribute connectivity throughout the school via Wi-Fi access points, ensuring adequate coverage in classrooms.

#### **9.3.6 Technical Configuration:**

The SI, in collaboration with OEMs of the ISP, switches, routers, and access points, shall be responsible for configuring all network equipment to ensure seamless and reliable internet connectivity in the school environment.

#### **9.3.7 Training and Handover:**

The SI shall provide hands-on training to the headmaster, designated staff, or ICT teacher. The training shall cover:

- Usage of installed equipment
- Procedures to connect access points
- Basic troubleshooting
- Connecting devices to the internet

#### **9.3.8 End-to-End Implementation:**

The SI shall be responsible for end-to-end execution, covering the complete lifecycle including:

- Deployment
- Installation
- Configuration
- Go-Live
- Training
- Maintenance throughout the contract period

#### **9.4 Monitoring and Tracking:**

A centralized monitoring and tracking system will be implemented to continuously assess network performance. This system will provide real-time data on network health and uptime, accessible to designated administrators, and serve as a critical tool for proactive maintenance and prompt resolution of connectivity issues.

Required functionality of Security & Monitoring Tools:

#### **9.5 Monitoring and Management:**

- To monitor all access points in real time, including connectivity performance, uptime, and system health.

##### **9.5.1 Automated Alerts and Notifications:**

- Instant alerts via email/SMS on network anomalies, outages, or potential security breaches.
- Customizable thresholds for alert generation to ensure proactive issue resolution

##### **9.5.2 Logging and Reporting:**

- Comprehensive logging of network activity for real-time and historical analysis.
- Automated report generation and audit trails to support compliance and decision-making.

#### **9.6 Access Point (AP) Features:**

The Access Points proposed under this project shall support a **controllerless architecture**, enabling self-managed clustering and local configuration without mandating proprietary cloud subscription platforms. The system must allow secure, scalable, and high-performance wireless connectivity suitable for large-scale educational environments.

##### **9.6.1 Centralized Configuration and Management**

- The Access Points shall support **centralized configuration propagation** among APs operating in a cluster within the same site.
- It shall be possible to remotely manage individual AP settings, including SSID configuration, RF channel selection, and bandwidth allocation, using a local web-based interface over secure Public IP access.

##### **9.6.2 Secure Wireless Access**

- The system must support **enterprise-grade security protocols**, including IEEE 802.1X authentication and WPA2/WPA3 encryption standards.
- Access Points shall support **static VLAN tagging per SSID**, enabling network segmentation for different user groups (e.g., staff, students, guests).

### 9.6.3 Captive Portal and Guest Access

- The Access Points shall include a **built-in captive portal** functionality to enable secure guest access via a splash/login page hosted locally.
- Guest access shall be logically separated from internal users through VLAN-based segmentation or predefined access policies, without requiring external cloud or license-based systems.

### 9.6.4 Quality of Service (QoS) and Performance Optimization

- The system shall support application-aware **QoS prioritization** for latency-sensitive services (e.g., video conferencing, VoIP).
- **Automatic RF management**, including dynamic channel assignment and transmit power optimization, shall be supported to minimize interference and improve performance.

### 9.6.5 Remote Diagnostics and Firmware Management

- Remote access to system logs, client status, and event reports shall be available through the local web GUI accessible via secure Public IP or management VLAN.
- The system shall allow **manual firmware updates** through the web interface, enabling scheduled or on-demand updates without requiring proprietary cloud connectivity.

## 9.7 Perimeter Network Security Solution:

To ensure safe, controlled, and policy-based internet access at the institutional level, the following perimeter network security functionalities must be provisioned as part of the overall solution. The bidder is free to propose any suitable security appliance, integrated gateway, or equivalent mechanism (hardware/software/hybrid) that fulfills these functional requirements. It is clarified that these parameters are **not related to Access Point functionalities**, but are intended to ensure institution-level network protection and traffic management.

- **User Capacity:** The Firewall or Equivalent Security solution must support a minimum of 250 concurrent users.
- **Throughput:** The Firewall or Equivalent Security solution must be capable of handling network bandwidth up to 1 Gbps.
- **Secure Gateway:** The Firewall or Equivalent Security solution will serve as a secure internet gateway, enforcing network-level protection and access control.
- **Content Filtering:** The Firewall or Equivalent Security solution must support robust content filtering capabilities to block access to inappropriate, non-educational, or harmful websites, ensuring safe and focused internet usage.
- **Role-Based Access Control (RBAC):** RBAC must be implemented to ensure that only authorized personnel can modify system configurations or security policies.
- **Virtual Private Network (VPN):** The Firewall or Equivalent Security solution must support VPN access for secure, encrypted remote administration and centralized support.
- **Secure Remote Management:** Secure remote management interfaces must be available, featuring IP whitelisting and encrypted communication protocols (e.g., HTTPS, SSH).
- **Logging and Auditing:** The system must generate and retain comprehensive logs and audit trails for network traffic, user activity, and administrative actions.
- **Threat Protection:** Automatic security rule updates or threat intelligence feeds must be enabled to maintain protection against evolving cyber threats.

- **Bandwidth Management:** The Firewall or Equivalent Security solution must support bandwidth management and traffic prioritization, ensuring mission-critical applications receive priority over recreational traffic.
- **Scalability:** The Firewall or Equivalent Security solution must be scalable to accommodate future growth.
- **Integration:** The Firewall or Equivalent Security solution should support integration with centralized authentication systems (e.g., RADIUS, LDAP) and monitoring platforms as needed in future phases.

## **10. Warranty & Support**

- The bidder shall provide comprehensive warranty support for all equipment supplied under the project for the entire contract duration, ensuring smooth operation and maximum uptime of the offered solution.
- The bidder shall guarantee that none of the supplied equipment will be declared End of Support (EoS) or End of Service Life (EoSL) for a minimum period of five (5) years from the date of commissioning. Additionally, all necessary software upgrades and updates, if any, shall be made available free of cost for the same five-year period.
- The bidder shall ensure advance replacement or repair of faulty hardware components as part of the warranty service.
- All software updates and upgrades required for optimal functionality of the system shall be provided at no additional cost to Odisha Adarsha Vidyalaya Sangathan (OAVS).
- The bidder shall provide on-site support for addressing any issues during the warranty period.
- The initial period of Warranty and Annual Maintenance Contract (AMC) shall be three (3) years from the date of commissioning. The AMC may be extended for the 4th and 5th years, based on the rates quoted by the bidder in the Financial Bid and subject to satisfactory performance during the initial period.

## **11. Training & Hand Holding**

The Bidder shall be responsible for training, orientation, and handholding to the school headmaster/ICT teaching staff so they can further train the teachers accordingly.

## **12. Helpdesk and Onsite support**

The Bidder shall be required to set up a centralized Helpdesk support at Odisha Adarsha Vidyalaya Sangathan (OAVS) Bhubaneswar office for logging issues and complaints from various stakeholders and resolving them in a time bound manner.

The Bidder shall deploy adequate manpower including IT Coordinators / operators and IT Managers who would provide day to day operation & management support.

## **13. Required Manpower**

To ensure smooth operation and maintenance of the digital infrastructure across all OAVS schools in Odisha, it is essential to allocate dedicated technical manpower. A guideline of at least one technician per 10 schools will be implemented, ensuring localized and prompt support across the network. This manpower will be responsible for:

- Overseeing last-mile connectivity installations and troubleshooting any network issues.
- Regular maintenance and monitoring of high-speed internet connections, including the centralized tracking system.

- Coordinating with ISPs and the System Integrator Project management team to ensure compliance with Service Level Agreements (SLAs) and prompt resolution of connectivity problems.
- Managing and maintaining the intra-campus network infrastructure that connects interactive flat panel-based smart classrooms and smart labs.
- Conducting periodic diagnostics, firmware updates, and system checks to maintain optimal performance and security.
- Serving as the first point of contact for technical issues, ensuring minimal downtime and facilitating communication between school administrators and higher-level technical support.

By deploying the technical resource for every 10 schools, OAVS ensures that all institutions across Odisha benefit from efficient, localized technical support, contributing to the sustained success of the digital education initiative.

## 14. Project Deliverables, Milestones & Time Schedule

### 14.1 Project Implementation Phases by selected SI

Project Phase	Duration	Key Activities
<b>Supply installation, Testing and commissioning of Hardware and Internet connection</b>	180 Days	Conducting ISP feasibility report and site survey, procuring and supplying networking hardware, installing and commissioning the same, establishing Wi-Fi internet connectivity, Go-LIVE, and training users across identified OAVS schools.
<b>Operations &amp; Maintenance Phase (Initial)</b>	3 Years (from Go-LIVE)	Providing Warranty and Annual Maintenance Contract (AMC) services for all supplied equipment, attending service requests/tickets within defined timelines, and providing uninterrupted internet connectivity to all ICT equipment deployed in OAVS schools.
<b>Extended AMC Phase</b>	4th and 5th Year	Providing continued AMC services as per the rates quoted in the Financial Bid, including all necessary support, maintenance, and upgradation activities. It shall be mandatory to ensure uninterrupted internet connectivity to all ICT equipment in OAVS schools throughout the extended AMC period.

This table outlines the project timeline, combining testing, quality assurance, and training into a single 30-day phase, following the planning, procurement, and deployment stages, with a sustained 5-year operations and maintenance period for long-term support.

## 14.2 Stakeholders matrix

<b>Project Phase</b>	<b>OAVS</b>	<b>OCAC</b>	<b>ISP</b>	<b>System Integrator</b>	<b>Schools</b>
<b>Planning &amp; Site Survey Phase</b>	<ul style="list-style-type: none"> <li>- Define project vision and strategic objectives.</li> <li>- Coordinate site surveys and feasibility studies.</li> <li>- Facilitate stakeholder consultations.</li> </ul>	<ul style="list-style-type: none"> <li>- Provide policy guidelines and ensure alignment with government standards.</li> <li>- Oversee initial planning for compliance.</li> </ul>	<ul style="list-style-type: none"> <li>- Offer preliminary input on local connectivity feasibility.</li> </ul>	<ul style="list-style-type: none"> <li>- Conduct technical feasibility studies and support detailed planning.</li> </ul>	<ul style="list-style-type: none"> <li>- Provide site access and local information for surveys.</li> </ul>
<b>Deployment Phase</b>	<ul style="list-style-type: none"> <li>- Oversee project execution and coordinate with schools for access.</li> </ul>	<ul style="list-style-type: none"> <li>- Monitor adherence to government standards during implementation.</li> </ul>	<ul style="list-style-type: none"> <li>- Deploy dedicated leased line connections and support last-mile connectivity installation.</li> </ul>	<ul style="list-style-type: none"> <li>- Install network infrastructure including last-mile connectivity and intra-campus network integration.</li> <li>- Ensure electrical and electronic setups are in place.</li> </ul>	<ul style="list-style-type: none"> <li>- Facilitate installation by providing local support and access.</li> </ul>

<b>Project Phase</b>	<b>OAVS</b>	<b>OCAC</b>	<b>ISP</b>	<b>System Integrator</b>	<b>Schools</b>
<b>Testing, QA &amp; Training Phase</b>	<ul style="list-style-type: none"> <li>- Approve testing protocols and participate in training sessions.</li> </ul>	<ul style="list-style-type: none"> <li>- Ensure testing and training comply with regulatory standards.</li> </ul>	<ul style="list-style-type: none"> <li>- Support connectivity tests and provide performance data.</li> </ul>	<ul style="list-style-type: none"> <li>- Conduct comprehensive connectivity tests, security audits, and quality assurance measures.</li> <li>- Deliver training and capacity building workshops for technical staff, teachers, and administrators.</li> </ul>	<ul style="list-style-type: none"> <li>- Engage in training sessions and assist with on-site testing and feedback.</li> </ul>
<b>Operations &amp; Maintenance (O&amp;M) Phase</b>	<ul style="list-style-type: none"> <li>- Oversee ongoing operations and monitor project performance.</li> <li>- Coordinate with technical teams for continuous improvement.</li> </ul>	<ul style="list-style-type: none"> <li>- Provide oversight and monitor adherence to long-term performance standards.</li> </ul>	<ul style="list-style-type: none"> <li>- Deliver ongoing technical support to ensure service continuity and address connectivity issues as per SLA.</li> </ul>	<ul style="list-style-type: none"> <li>- Execute regular maintenance, troubleshooting, and periodic system upgrades.</li> <li>- Manage centralized monitoring and ensure SLAs are met.</li> </ul>	<ul style="list-style-type: none"> <li>- Report issues promptly and cooperate with technical support teams for resolution.</li> </ul>

This responsibility matrix clearly defines the roles of each stakeholder—OAVS, OCAC, ISP, System Integrator, and the Schools—across the various project phases, ensuring a coordinated and successful implementation of the digital infrastructure project.

## **15. Service Levels and Penalty Terms**

### **15.1 Service Level Agreement (SLA) and Accountability:**

The SLA will clearly define performance metrics, maintenance schedules, and response times. The System Integrator will be held accountable for meeting these standards by coordinating closely with the ISPs and school administrators to ensure the reliable delivery of services.

These detailed specifications are designed to support a robust and scalable internet connectivity framework, ensuring that all OAVS schools can fully leverage their digital learning environments while meeting the stringent requirements of modern educational infrastructure.

### **15.2 Service specifications**

The internet connectivity solution for OAVS schools is defined by a robust set of service specifications designed to support a seamless digital learning environment. Each school will receive a dedicated leased line connection with a minimum bandwidth of 10Mbps and a guaranteed uptime of 98.5%, ensuring uninterrupted access to online educational resources and interactive digital platforms. The connectivity model is tailored to local feasibility, utilizing multiple Internet Service Providers where necessary, to ensure that every school is equipped with the required internet connection. Critical to the deployment is the establishment of last-mile connectivity, where the System Integrator is tasked with setting up the necessary electrical and electronic infrastructure at each school to effectively terminate and distribute the connection. Additionally, an intra-campus network will be implemented by the System Integrator to enable seamless communication between smart classrooms and smart labs, ensuring all ICT equipment operates cohesively.

To maintain optimal performance, a centralized monitoring and tracking system will be deployed, providing real-time insights into network health, performance metrics, and compliance with the Service Level Agreement (SLA). This system will include automated alerting for any anomalies or disruptions, thereby facilitating proactive maintenance and rapid resolution of issues. Moreover, security measures such as robust firewalls, intrusion detection systems, and secure access controls will be integrated to safeguard the network against potential threats. Overall, these service specifications not only ensure reliable, high-speed internet connectivity across all OAVS schools but also create a scalable and sustainable framework for continuous digital education innovation.

#### **15.2a Service Level Agreement (SLA) Table – Minimum 98.5% Uptime**

The following table outlines the key SLA parameters designed to ensure that the internet connectivity across all OAVS schools maintains a minimum uptime of 98.5%. These parameters are monitored through a centralized tracking system and are critical for supporting the digital learning infrastructure.

<b>SLA Parameter</b>	<b>Description</b>	<b>Target/ Minimum</b>	<b>Comments</b>
<b>Uptime Guarantee</b>	The percentage of time that the network is fully operational.	≥ 98.5%	Measured on a monthly basis using centralized monitoring tools.
<b>Issue Response Time</b>	Time taken to acknowledge a reported connectivity issue.	Within 24 hours	Critical issues are prioritized to minimize disruption.
<b>Issue Resolution Time</b>	Time taken to resolve a reported connectivity issue.	Within (2) working days	Dependent on issue severity and available resources.
<b>Maintenance Notification</b>	Advance notice provided to users regarding planned maintenance.	(3) working days notice	Ensures minimal disruption to educational activities during scheduled maintenance.
<b>Monitoring Frequency</b>	The interval at which network performance is tracked in real-time.	Continuous	Enables proactive issue identification and prompt intervention.

This SLA framework is designed to ensure that the internet connectivity supports the full potential of interactive digital classrooms and smart labs, providing a reliable and efficient digital learning environment for all OAVS schools.

### 15.3 Service Level Agreement (SLA) Terms

<b>S No</b>	<b>Measurement</b>	<b>Target Resolution time</b>	<b>Penalty</b>
1	Incident - Level 1	Within 2 (two) working days from the date of complaint	No penalty shall be imposed if the incident is resolved within the stipulated time.
2	Incident - Level 2	Within 3rd to 7th working day from the date of complaint	A penalty of ₹100 per incident per day shall be levied for delays from the 3rd to the 7th working day.
3	Incident - Level 3	Beyond 7 working days from the date of complaint	If resolution exceeds 7 working days, a penalty of ₹200 per incident per day shall apply, subject to a maximum cap of ₹5,000

			<p>per incident. If the incident remains unresolved beyond 20 working days, the Tender Inviting Authority reserves the right to</p> <ul style="list-style-type: none"> <li>- Request replacement of the affected service or hardware;</li> <li>- Initiate change of service provider to ensure SLA compliance and continuity of services.</li> </ul>
--	--	--	--

#### 15.4 SLA for Compliance & Reporting procedures:

S No	Measurement	Target	Penalty
1	Submission of monthly MIS Reports	The report for the previous month shall be submitted by the 7th day of the next month.	INR 5,000/- every 1 day of delay in submission on an incremental basis to a maximum of INR 50,000/-.
2	Submission of quarterly MIS Reports	Report for the previous quarter shall be submitted by the 7th day of the next quarter.	INR 10,000/- every 1 day of delay in submission on an incremental basis to a maximum of INR 50,000/-.
3	Submission of annual MIS Reports	Report for the previous quarter shall be submitted by the 7th day of the next quarter.	INR 25,000/- every 1 week of delay in submission on an incremental basis to a maximum of INR 1,00,000/-.
4	Submission of working status of each equipment along with school-wise serial numbers at the end of warranty and AMC year	Report for previous warranty and AMC year shall be submitted by the 7th day of the next year.	INR 50,000/- every 1 week of delay in submission on an incremental basis to a maximum of INR 5,00,000/-.

## 16. Pre-Qualification/Eligibility Criteria

The following table describes the pre-qualification criteria. A bidder participating in the bidding process shall possess the following minimum pre-qualification/ eligibility criteria. Any bidder failing to meet the stated criteria shall be summarily rejected and will not be considered for Technical Evaluation.

### 16.1 Pre-Qualification Evaluation Criteria

Sl. No.	PQ Criteria	Description of the Criteria	Documents to be Submitted
1	Legal Entity	<p>The bidder must be a company registered in India under Indian Companies Act 1956/2013 and must have GST registration &amp; up- to-date Income Tax Return, PAN Number as on 31st March, 2022 and must be having business operations in India for the last five years as on 31<sup>st</sup> March 2024.</p> <p><b>Note:</b> - Consortium of any kind shall not be acceptable for this project. However, as per the State ICT Policy 2022, Clause 8.18, to ensure mandatory local participation. The bidder needs to make collaborative arrangements with local enterprises with a minimum 25% for deployment and maintenance components for implementation having adequate experience.</p>	<p>a. Valid copy of certificate of incorporation and registration certificates.                      b. Copy of GST registration.                      c. Copies of relevant Certificates of registration Income Tax / PAN Number from the respective Government Department.</p>
2	Turnover	<p>The average annual turnover of the bidder during the last 3 financial years ending with 2023-24 (i.e. 2021-22, 2022-23, 2023-24) should not be less than ₹300 Crores from IT/ITeS (as per the last published audited balance sheets).</p>	<p>- Audited Balance Sheets                      - CA Certificate</p>
3	Net Worth	<p>The bidder must be profit making and should positive net worth in the last three financial years ending on 31st March 2024. (i.e. 2021-22, 2022-23, 2023-24).</p>	<p>- Certificate from CA</p>

4(A)	<b>Technical Capability - I</b>	<p>The bidder must have successfully undertaken at least the following numbers of similar assignments of value specified herein:</p> <p>One project of similar nature, not less than the amount 20,00,00,000/- (Thirty Crores Only)</p> <p><b>OR</b></p> <p>Two projects of similar nature not less than the amount ₹15,00,00,000/- (Twenty Crores Only)</p> <p><b>OR</b></p> <p>Three projects of similar nature not less than the amount ₹10,00,00,000/- (Fifteen Crores Only)</p> <p><i>"Similar nature of the project should be Supply Installation and Commissioning of WiFi / IT equipment in education sector in Government/Semi Government/PSU in the last Five years as on date of bid submission."</i></p>	<p>Copy of the Work Order &amp; Completion Certificates</p> <p><b>Annexure-10</b></p>
4(B)	<b>Technical Capability - II</b>	<p>The bidder must have set up/implemented IT solution in a single project in school education covering minimum 1000 Schools</p> <p><i>"Similar nature of the project should be Supply Installation and Commissioning of WiFi solution/IT equipment in Government/Semi Government/PSU. in the last Five years as on date of bid submission."</i></p>	<p>Copy of the Work Order &amp; Completion Certificates</p> <p><b>Annexure-10</b></p>
5	<b>Bidder Quality Certification</b>	<p>The bidder must have valid ISO 9001, ISO 27001 and ISO 20000 Certificate as on date of submission of this RFP.</p>	<p>Copies of the valid certificates.</p>
6	<b>Blacklisting</b>	<p>The bidder should not continue to be blacklisted/debarred/banned by any State Government/Central Government /PSU for any corrupt or fraudulent practice.</p>	<p>A notarized affidavit in ₹100/- non-judicial stamp paper by authorized bid signatory.</p>

	<p><b>OEM Authorization</b></p>	<p>The bidder must attach Manufacturer Authorization certificate specific to this tender &amp; Back-to-back support letter from OEMs or their authorized partner in case the OEM has no authorized office in India for providing Comprehensive support and services covered under this RFP as below: -</p> <ul style="list-style-type: none"> <li>- Managed Router</li> <li>- Access Points (Indoor / Outdoor) - based on the requirement at the school level</li> <li>- UPS-600VA</li> <li>- PoE Switch</li> <li>- Over/Under Voltage Protection Device with Surge Suppression</li> <li>- Managed Internet service (ILL with minimum of 10Mbps)</li> </ul> <p>The following documents are required to be provided as part of OEM authorization:</p> <ol style="list-style-type: none"> <li>1. MAF</li> <li>2. Authorization of the OEM representative signing the document.</li> <li>3. Technical Compliance</li> <li>4. Data Sheets</li> <li>5. Proposed Architecture Diagrams (for Campus Wi-Fi and Managed Leased Line Internet Connection)</li> </ol>	<p>OEM MAF</p> <p>Annexure- 9</p>
	<p><b>Local Presence</b></p>	<p>The bidder should have an office in Odisha. However, if the presence is not there in the state, the bidder should give an undertaking for establishment of a project office, within one month of award of the contract.</p>	<p>Relevant Documents supporting office addresses/ Undertaking</p>
	<p><b>OEM Criteria</b></p>	<p>For Access Points:</p> <ol style="list-style-type: none"> <li>1. The OEM must have at least 10 years of experience in wireless networking and WiFi infrastructure deployment in India.</li> <li>2. The OEM must have an in-house</li> </ol>	<ol style="list-style-type: none"> <li>1. Certificate of Incorporation.</li> <li>2. OEM declaration letter with supporting Work</li> </ol>

		<p>R&amp;D team with at least 50 engineers working on wireless product development.</p> <ol style="list-style-type: none"> <li>3. The OEM must have supplied WiFi solutions in at least 10 large-scale WiFi hotspot deployments, each involving 1,000+ Access Points (APs).</li> <li>4. The OEM must have a local spare center in Odisha.</li> <li>5. The OEM must not be blacklisted by any government agency or authority.</li> <li>6. The quoted product must not reach End-of-Life (EOL) within the next 5 years.</li> <li>7. The OEM must have ISO 9001:2015 certification for Quality Management.</li> <li>8. The OEM must provide a minimum 7-year product lifecycle guarantee, including software and firmware updates.</li> <li>9. The OEM must ensure that the Access Points (APs) support both standalone and cloud-based management capabilities.</li> <li>10. NO CHINESE ORIGIN COMPONENTS: The OEM must certify that no hardware, software, or firmware components originate from China or Chinese vendors.</li> <li>11. The OEM must provide a minimum of 7 years of security and software updates.</li> <li>12. The OEM must have been involved in at least 5 National Security/Defense/PSU projects for WiFi solutions.</li> <li>13. OEM should be in Gartner's leader quadrant for last 10 years for the Wire and Wireless LAN.</li> </ol> <p>For UPS:</p> <ol style="list-style-type: none"> <li>1. UPS OEM should have successfully deployed in a single order, minimum 2500 nos. of</li> </ol>	<p>orders/ Purchase Orders/ Signed Contracts/Self declaration in case of work in progress.</p> <ol style="list-style-type: none"> <li>3. OEM declaration letter with supporting Work orders/ Purchase Orders/ Signed Contracts or other documentary evidence etc.</li> <li>4. OEM declaration letter with CA certificate for specific categories or other documentary evidence etc.</li> </ol>
--	--	---	--

		<p>600VA or Higher Capacity UPS System in any Govt. or PSU organisation in PAN India during last 5 years</p> <ol style="list-style-type: none"> <li>2. OEM should have Average Turnover of Rs.275 Crores in last three Financial Year. OEM should have earned Profit during the last 3 Financial Year.</li> <li>3. UPS OEM should have registered office of in the state of Execution &amp; Should have minimum 20 Service Engineers in the State of Execution</li> </ol> <p>For Internet Service Provider:</p> <ol style="list-style-type: none"> <li>1. License of Internet lease line (ILL) - Class A</li> <li>2. License of Lease Line (LL/PP) - National long Distance (NLD)</li> <li>3. ISP should have Average Turnover of Rs.2500 Crores in last three Financial Year. OEM should have earned Profit during the last 3 Financial Year &amp; It should have Positive Net Worth during the last 3 Financial Year.</li> </ol> <p>For PoE Switch:</p> <ol style="list-style-type: none"> <li>1. OEM of Switch should have Average Turnover of Rs.250 Crores in last three Financial Year.</li> <li>2. OEM should have earned Profit during the last 3 Financial Year &amp; It should have Positive Net Worth during the last 3 Financial Year.</li> </ol>	
--	--	---	--

*Purchase Order (PO) provided for Prequalification and Technical Evaluation should be in the name of the bidder only. Consortium Purchase orders will not be considered. All the components pertaining to Smart/Digital/Virtual Classroom should be included in a single PO.*

## 16.2 Technical Evaluation Criteria

In order to facilitate the technical proposal evaluation, the technical criteria laid down along with the assigned weights have been presented in subsequent sections. The marking scheme presented here is an indication of the relative importance of the evaluation criteria. Bidders securing a minimum of 80% marks in the technical evaluation will only be considered for further financial bid evaluation. Bids or Tenders which do not secure the minimum specified technical score will be considered technically non-responsive and hence debarred from being considered for financial evaluation.

Technical Evaluation Marks (Total Marks=75)

Sl. No.	Description of the Parameters	Max Score	Supporting Document
1	<p>Bidder should have related annual average turnover minimum of ₹100 Crores generated from IT/ITES during the last three Financial Years i.e., FY 2021-22, FY 2022-23 and FY 2023-24.</p> <p>UP to <math>\geq</math> ₹100 Cr = 04 Marks  <math>\geq</math> ₹100 Cr to <math>&lt;</math> ₹150 Cr = 03 Marks  <math>\geq</math> ₹150 Cr = 05 Marks</p>	05	Proof Supporting Documents
2	<p>Bidder's Quality Certification: -</p> <ul style="list-style-type: none"> <li>- ISO 9001 = 03 Marks</li> <li>- ISO 27001 = 03 Marks</li> <li>- ISO 20000 = 03 Marks</li> <li>- (1 mark for bidder having all 3 certificates)</li> </ul>	10	Proof Supporting Documents
3	<p>The bidder must have setup/implemented atleast one projects of similar nature with atleast 1000 schools in the solution</p> <p>1000 to 1400 Schools - 05 Marks  1400 to 1800 Schools - 07 Marks  1800 Schools and above- 10 Marks</p> <p><i>"Similar nature of the project should be Supply Installation and Commissioning of WiFi solution/IT equipment in Government/Semi Government/PSU. in the last Five years as on date of bid submission."</i></p>	10	Proof Supporting Documents

4	<p>The bidder must have successfully undertaken at least one project of similar nature, not less than the amount ₹30,00,00,000/- (Thirty Crores Only)</p> <p>One project of value 10 to 20 cr = 5 Marks  One project of value 20 to 30 cr = 7 Marks  One project of value 30 cr and above = 10 Marks</p> <p><i>"Similar nature of the project should be Supply Installation and Commissioning of WiFi solution/IT equipment in Government/Semi Government/PSU. in the last Five years as on date of bid submission."</i></p>	10	Proof Supporting Documents
5	<p>Presentation on the proposed solution capturing the major features: -</p> <p>a) Understanding of the project (how the solution proposed is relevant to the understanding)</p> <p>b) Sample of the proposed products to be submitted at OCAC at the time of technical presentation. The bidder needs to demonstrate each feature mentioned in the technical specification before the committee members.</p> <p>c) Implementation plan approach and methodology</p>	40	Presentation & Demonstration before the committee member

**Note: - All the bidders who secure a Technical Score of 60 marks out of total 75 marks i.e. 80% of total marks or more will be declared as technically qualified and are eligible for financial bid opening.**

## **17. Instruction to Bidders**

### **17.1 General**

- While every effort has been made to provide comprehensive and accurate background information and requirements and specifications, Bidders must form their own conclusions about the solution needed to meet the requirements. Bidders and recipients of this RFP may consult their own legal advisers with regard to this RFP.
- All information supplied by Bidders may be treated as contractually binding on the Bidders, on successful award of the assignment by OCAC on the basis of this RFP.
- 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 OCAC. Any notification of preferred bidder status by OCAC shall not give rise to any enforceable rights by the Bidder. OCAC may cancel this public procurement at any time prior to a formal written contract being executed by or on behalf of the OCAC.
- This RFP supersedes and replaces any previous public documentation & communications, and Bidders should place no reliance on such communications.
- The quoted equipment must have at least six years of life from the date of submission of the bid. The bidder should submit a declaration from the OEM, to this effect in their proposal. This is non-negotiable and OCAC will not ask to submit the declaration from OEM, after opening of the bid. Bid without above mentioned declaration may be summarily rejected.
- Change requests of any kind after opening of the bid and award of the work shall not be entertained.
- No further communication of any shortfall of bidding documents shall be considered after submission of bids through online.

### **17.2 Availability of RFP Document**

- The availability of bidding documents shall be commenced from the date as mentioned in Notice Inviting Bids (NIB). The complete bidding document can be downloaded from the official website of OCAC ([www.ocac.in](http://www.ocac.in)) and Official website of Govt. of Odisha ([www.odisha.gov.in](http://www.odisha.gov.in)). The prospective bidders are requested to download the bidding document from the websites and follow the bidding steps as prescribed.
- The bid Notice is also published in leading newspapers (Odia & English) for wide Circulation.

### **17.3 Compliant Proposals/ Completeness of Response**

- Bidders are advised to study all instructions, forms, terms, requirements and other information in the RFP documents carefully. 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.
- Failure to comply with the requirements set out in this RFP may render the Proposal non-compliant and the Proposal may be rejected. Bidders must include all documentation specified in this RFP.
- Follow the format and respond to each element in the order as set out in this RFP. Comply with all requirements as set out within this RFP.

## **18. Pre-bid Meeting & Clarifications**

### **18.1 Pre-bid Conference**

- A pre-bid conference will be scheduled by OCAC to clarify doubts of potential bidders in respect of the procurement and the records of such conference shall be published on the respective websites as Pre-bid clarifications.
- A pre-bid meeting will be held online only. Only the prospective bidders who have deposited the RFP document fee shall be allowed to participate in the Pre-bid meeting.
- The RFP document fee can also be transferred online through NEFT only to Union Bank of India, Account Number 149316300000195, IFSC Code -UBIN0814938, Acharya Vihar Branch, Bhubaneswar, Account Name Odisha Computer Application Centre. In case of NEFT online transfer of RFP Document fee, the firm must mention the Firm Name, Amount Transfer with Transaction ID, Tender Enquiry Number, GST No to the mail.
- The web-link of Pre-bid meeting shall be shared through the mail to the prospective bidders that have submitted the pre-bid queries along with proof of payment of RFP document fee.
- The Bidders will have to ensure that their queries for Pre-Bid meeting should reach the below email id on or before the prescribed date as mentioned in "Important Dates and information" section of this RFP.
- Pre-Bid Queries to be sent to gm.ocac@odisha.gov.in & gm\_ocac@ocac.in with a copy to jayashree.mishra@odisha.gov.in, smruti.mishra@odisha.gov.in & chandan.pradhan@semt.gov.in
- The Queries should necessarily be submitted in the format as prescribed in Annexure-4 of this RFP.
- OCAC shall not be responsible for ensuring receipt of the bidders" queries. Any requests for clarifications post the indicated date and time may not be entertained by OCAC.

### **18.2 Responses to Pre-Bid Queries and Issue of Corrigendum**

- The Nodal Officer notified by the OCAC will endeavor to provide timely response to all queries. However, OCAC neither makes representation or warranty as to the completeness or accuracy of any response made in good faith, nor does OCAC undertake to answer all the queries that have been posed by the bidders.
- At any time prior to the last date for receipt of bids, OCAC 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 a Corrigendum.
- The Corrigendum (if any) & clarifications to the queries from all bidders will be posted on <https://enivida.odisha.gov.in>, www.ocac.in and www.odisha.gov.in.
- 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, OCAC may, at its discretion, extend the last date for the receipt of Proposals.

### **18.3 Amendments to RFP Document**

At any time prior to the deadline for submission of Proposal, OCAC reserves the right to

modify and amend any of the stipulated condition/criterion in the RFP, depending upon project 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 the Technical 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.

#### **18.4 Period of Validity of Bids**

- Bids submitted by the bidders shall remain valid for a period of 180 Days from the date of submission of RFP. A Bid valid for a shorter period shall be rejected by the procuring entity as nonresponsive Bid.
- Prior to the expiry of the period of validity of Bids, the procuring entity, in exceptional circumstances, may request the bidders to extend the bid validity period for an additional specified period of time. A bidder may refuse the request and such refusal shall be treated as withdrawal of Bid and in such circumstances bid security shall not be forfeited.
- Bidders who agree to an extension of the period of validity of their Bids shall extend or get extended the period of validity of bid securities submitted by them or submit new bid securities to cover the extended period of validity of their bids. A bidder whose bid security is not extended, or that has not submitted a new bid security, is considered to have refused the request to extend the period of validity of its Bid.

#### **18.5 Format and Signing of Bids**

- All the Bids submitted by the bidders must be submitted with the checklist.
- Each page of the bidding document shall be kept with the office seal and signature by the authorized representative from the Bidder.

#### **18.6 Cost & Language of Bidding**

- The bidder shall be responsible for all costs incurred in connection with participation in the bid process, including site visits but not limited to, costs incurred in conduct of informative and other diligence activities, participation in meetings/ discussions / presentations, preparation of bid, in providing any additional information required by OCAC to facilitate the evaluation process, and in negotiating a definitive contract or all such activities related to the bid process. OCAC will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- The Proposal should be filled by the Bidder in English language only. If any supporting documents submitted are in any language other than English, translation of the same in English language is to be duly attested by the Bidders. For purposes of interpretation of the Proposal, the English translation shall govern.

#### **18.7 Alternative/ Multiple Bids**

- Each bidder shall submit only one Proposal. The bidder who submits or participates in more than one proposal will be disqualified.
- The Bidder shall quote for only one brand/make/model for each item in the technical bid and should also mention the details of the quoted make/model of the respective items.

### **18.8 RFP Document Fees**

The bidders are required to submit the RFP Document Fee of ₹11,200/- (Inclusive of 12% GST) in shape of Demand Draft in favour of Odisha Computer Application Centre and payable at Bhubaneswar from any Nationalized or Scheduled Commercial banks along with the General Bid Proposal. Proposals received without or with inadequate RFP Document fees shall be rejected.

### **18.9 Bid Security/Earnest Money Deposit (EMD)**

The bidder must have submitted the EMD of ₹ 50,00,000/- (Rupees Fifty Lakhs only) in the shape of Demand Draft (DD) from any Nationalized/Scheduled Commercial Bank in favor of Odisha Computer Application Centre (OCAC), payable at Bhubaneswar. The EMD should be valid for a minimum period of 90 days from the last date of submission of the Bid.

Bidder should upload the scan copy of the DD online and submit the original DD at OCAC office on or before 26/09/2025, 3.00 PM.

### **18.10 Submission of Bids**

- The bidders should submit their bid documents as per the format given in this RFP in the following manner during the submission of bid documents through online <https://enivida.odisha.gov.in>
  - a) Prequalification & Technical Proposal - in first cover
  - b) Commercial Proposal - in second cover
- Please Note that Prices should not be indicated in the Pre-Qualification & Technical Proposal but should only be indicated in the Commercial Proposal.
- All the pages of the proposal 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 the Bid.
- The proposal/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 initiated by the person (or persons) who sign(s) the proposals.
- All pages of the bid shall be signed and stamped by the authorized person or persons who signed the bid.
- All pages of the bid shall be signed and stamped by the authorized person or persons who sign the bid.

### **18.11 Submission of Manufacturer's Authorization Form**

Bidder must submit the duly signed MAF of the major items at the time of bid submission in the Prequalification Proposal as per the prescribed format (Annexure-9). The MAF should be submitted in OEM's letter head mentioning required details.

### **18.12 Deadline Submission of Bids**

- Bidders must ensure to submit their response on or before the deadline date as mentioned in "Important Dates & Information" section of this RFP.
- Normally, the date of submission and opening of Bids will not be extended. In

exceptional circumstances or when the bidding documents are required to be substantially modified as a result of discussions in pre-bid meeting/ conference or otherwise and the time with the prospective bidders for preparation of Bids appears insufficient, the date may be extended by the procuring entity. In such case the publicity of extended time and date shall be given in the manner, as was given at the time of issuing the original Bidding Document.

- It shall be ensured that after issue of corrigendum, reasonable time is available
- to the bidders for preparation and submission of their Bids. OCAC shall also publish such modifications in the bidding document in the same manner as the publication of the initial bidding document. If the last date of submission or opening of Bids is a non-working day, the Bids shall be received or opened on the next working day.

### **18.13 Venue for Submission of Bids**

Response to Bid, in its complete form in all respects as specified in the RFP, must be submitted to OCAC in online mode ( through e-Nivida portal) only

### **18.14 Mode of Submission of Bids**

Responses to the Bids through speed post /registered post or by hand delivery will not be accepted. Only online submission of the bids will be considered.

### **18.15 Withdrawal, Substitution, and Modification of Bids**

- If permitted by OCAC, a Bidder may withdraw its Bid as per the instructions/procedure prescribed by OCAC.
- Bids withdrawn shall not be opened and processed further.

### **18.16 Opening of Bids**

- The Bids shall be opened by the Evaluation Committee in the presence of the bidders or their authorized representatives who choose to be present.
- The committee may co-opt experienced persons in the committee to conduct
- the process of Bid opening.
- The committee shall prepare a list of the bidders or their representatives attending the opening of Bids and obtain their signatures on the same. The list shall also contain the representative's name and telephone number and corresponding bidders' names and addresses. The authority letters, if any, brought by the representatives shall be attached to the list. The list shall be signed by all the members of Bid opening committee with date and time of opening of the Bids.
- The committee shall conduct a preliminary scrutiny of the opened technical Bids to assess the prima-facie responsiveness and ensure that the: -
- Bid is accompanied by bidding document fee, bid security or bid securing declaration, and processing fee (if applicable).
- Bid is valid for the period specified in the bidding document.
- Bid is unconditional and the bidder has agreed to give the required performance security and other conditions, as specified in the bidding document are fulfilled.
- Any other information which the committee may consider appropriate.
- No Bid shall be rejected at the time of Bid opening except the Bids not accompanied with the proof of payment or instrument of the required price of bidding document, processing

fee and bid security.

- The Financial Bid shall be kept unopened and shall be opened later on the date and time intimated to the bidders who qualify in the evaluation of General & Technical Bids.

## **19. RFP Evaluation**

### **19.1 Evaluation & Tabulation of Pre-qualification Bid**

- Determination of Responsiveness: The designated committee of OCAC shall determine the responsiveness of a Bid on the basis of the bidding document and the provisions of pre-qualification/ eligibility criteria of the bidding document.
- A responsive Bid is one that meets the requirements of the bidding document without any material deviation, reservation, or omission where: -
  - 
  - "Deviation" is a departure from the requirements specified in the bidding document.
  - "Reservation" is the setting of limiting conditions or withholding from complete acceptance of the requirements specified in the bidding document; and
  - "Omission" is the failure to submit part or all of the information or documentation required in the bidding document.
  - A material deviation, reservation, or omission is one that, if accepted, shall:-
  - Affect in any substantial way the scope, quality, or performance of the subject matter of procurement specified in the bidding documents; or
  - Limits in any substantial way, inconsistent with the bidding documents, the procuring entity's rights or the bidder's obligations under the proposed contract; OR
  - If rectified, shall unfairly affect the competitive position of other bidders presenting responsive Bids.
  - The designated committee of OCAC shall examine the technical aspects of the Bid in particular, to confirm that all requirements of the bidding document have been met without any material deviation, reservation or omission.
  - Fulfillment of eligibility criteria: All the criteria mentioned in **Section 5 (Eligibility Criteria)** are mandatory. The bidder has to comply with all the components mentioned in the eligibility criteria.
  - All supporting documents as mentioned in **Annexure-16**.

### **19.2 Evaluation & Tabulation of Technical Bid**

The Technical evaluation committee will evaluate the technical response submitted by the Bidder. The Technical bid response includes the below details:-

- The Technical Bid response will be initiated with the Technical Bid Cover letter in specified format as mentioned in **Annexure- 8**.
- Detailed Compliance Sheet of the Technical Specification asked in the RFP
- **(Annexure-3)** duly signed in Company Letter Head.
- In case of deviation while evaluating the Technical Bid response based upon the criteria, the bid will be subjected for rejection.
- All supporting documents as mentioned in **Annexure-16**.

### **19.3 Evaluation & Tabulation of Financial Bids**

- The Financial Bids of the technically qualified bidders (those that have secured equal or more than 80% of mark in technical evaluation) will be opened on the prescribed date in

the presence of bidders' representatives.

- The bid with lowest Financial (L1) i.e. "lowest price quoted" will be awarded the contract.
- Only fixed price financial bids indicating total price for all the deliverables and services specified in this bid document will be considered.
- The bid price will be inclusive of all taxes and levies and shall be in Indian Rupees.
- Any conditional bid would be rejected
- Errors & Rectification: Arithmetical errors will be rectified on the following basis: "If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail".

#### **19.4 Correction of Arithmetic Errors in Financial Bids**

The Proposal evaluation committee shall correct arithmetical errors in substantially responsive Bids, on the following basis, namely: -

- If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Proposal Evaluation Committee there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected.
- If there is an error in a total corresponding to the addition or subtraction of Subtotals, the subtotals shall prevail and the total shall be corrected; and
- If there is a discrepancy between words and figures, the amount in words shall prevail,
- unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to clause (a) and (b) above.

#### **19.5 Exclusion of Bids / Disqualification**

- A procuring entity shall exclude/ disqualify a Bid, if: -
- The information submitted, concerning the qualifications of the bidder, was false or constituted a misrepresentation; or
- The information submitted, concerning the qualifications of the bidder, was materially inaccurate or incomplete; and
- The bidder is not qualified as per pre-qualification/ eligibility criteria
- The Bid materially departs from the requirements specified in the bidding document or it contains false information;
- the bidder, submitting the Bid, his agent or any one acting on his behalf, gave
- or agreed to give, to any officer or employee of the procuring entity or other governmental authority a gratification in any form, or any other thing of value, so as to unduly influence the procurement process;
- a bidder, in the opinion of the procuring entity, has a conflict of interest materially affecting fair competition.
- Bid shall be excluded/ disqualified as soon as the cause for its exclusion / disqualification is discovered.
- Every decision of a procuring entity to exclude a Bid shall be for reasons to be recorded in writing and shall be: -
- communicated to the concerned bidder in writing;
- Published on the State Public Procurement Portal, if applicable.

## **20. Lack of Competition**

- A situation may arise where, if after evaluation of Bids, the proposal evaluation committee may end-up with one responsive Bid only. In such situation, the Proposal Evaluation Committee would check as to whether while floating the Bid all necessary requirements to encourage competition like standard bid conditions, industry friendly specifications, wide publicity, sufficient time for formulation of Bids, etc. were fulfilled. If not, the tender would be re-floated after rectifying deficiencies. The bid process shall be considered valid even if there is one responsive Bid, provided that:-
  - a) the Bid is technically qualified;
  - b) the price quoted by the bidder is assessed to be reasonable;
  - c) the Bid is unconditional and complete in all respects;
  - d) there are no obvious indicators of cartelization amongst bidders; and
  - e) the bidder is qualified as per the provisions of pre-qualification/ eligibility criteria in the bidding document;
- The Evaluation Committee shall prepare a justification note for approval by the next higher authority of the procuring entity, with the concurrence of the accounts member.
- In case of dissent by any member of the Proposal Evaluation Committee, the next higher authority in delegation of financial powers shall decide as to whether to sanction the single Bid or re-invite Bids after recording reasons.

## **21. Acceptance of the successful Bid and award of Project**

### **21.1 Award Criteria**

OCAC will award the project to the successful bidder whose proposal will be determined to be substantially responsive and the bid most responsive as per the process outlined in preceding paras. Also OCAC reserves the right to award the Project to multiple successful bidders at L1 price or the negotiated price whose bid will be found to be substantially responsive as per the process outlined above.

### **21.2 Right to Accept Any Proposal and To Reject Any or All Proposal(s)**

OCAC 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.

### **21.3 Purchaser's Procurement Rights**

Without incurring any liability, whatsoever to the affected bidder or bidders, the Purchaser reserves the right to:-

- Amend, modify, or cancel this tender and to reject any or all proposals without assigning any reason.
- Change any of the scheduled dates stated in this tender.
- Reject proposals that fail to meet the tender requirements.
- Increase or decrease the quantity of the hardware items.
- Remove any of the item at the time of placement of order.
- Increase or decrease no. of resources supplied under this project.
- Should the Purchaser be unsuccessful in negotiating a contract with the Agency, the

Purchaser will begin contract negotiations with the next best value bidder in order to serve the best interest.

- Make typographical correction or correct computational errors to proposals
- Request bidders to clarify their proposal.

#### **21.4 Notification of Award**

Prior to the expiry of the validity period, OCAC 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, OCAC may request the bidders to extend the validity period of the bid. The notification of award will constitute the formation of the contract. Upon the successful bidder's furnishing of Performance Bank Guarantee, OCAC will notify each unsuccessful bidder.

#### **21.5 Issuance of Purchase Order**

The OCAC shall reserve the right to negotiate with the bidder(s) whose proposal has been ranked best value bid on the basis of Technical and Commercial Evaluation to the proposed Project, as per the guidance provided by CVC. On this basis the Purchase order would be issued.

#### **21.6 Performance Guarantee**

The OCAC will require the Agency to provide a Performance Bank Guarantee, within 30 days from the Notification of award, for a value equivalent to 3% of the total cost of ownership i.e. total order value excluding taxes. The Performance Guarantee should be valid for a period of 5 years 3 months (63 months). The Performance Guarantee shall be kept valid till completion of the project and Warranty period. The Agency shall be responsible for extending the validity date and claim period of the Performance Guarantee as and when it is due on account of non-completion of the project and Warranty period. In case the Agency fails to submit a performance guarantee within the time stipulated, the OCAC at its discretion may cancel the order placed on the Agency after giving prior written notice to rectify the same. OCAC shall invoke the performance guarantee in case the selected Service Provider fails to discharge their contractual obligations during the period or OCAC incurs any damages due to Service Provider's negligence in carrying out the project implementation as per the agreed terms & conditions.

#### **21.7 Issuance of Purchase Order**

After the OCAC notifies the successful bidder that its proposal has been accepted, OCAC shall issue a Purchase Order to the successful bidder taking into account the relevant clauses of RFP, pre-bid clarifications, Corrigenda, the proposal of the bidder in addition to other agreed clauses.

#### **21.8 Failure to Agree with the Terms and Conditions of the RFP**

Failure of the successful bidder to agree with the Terms & Conditions of the RFP and the Proposal submitted by the successful bidder, despite the deviations submitted by the Bidder

are adequately considered and mutually agreed, shall constitute sufficient grounds for the annulment of the award, in which event OCAC may award the Project to the next best value bidder or call for new proposals from the interested bidders.

## **22. Confidentiality**

- Notwithstanding anything contained in this bidding document but subject to the provisions of any other law for the time being in force providing for disclosure of
- information, a procuring entity shall not disclose any information if such disclosure, in its opinion, is likely to: -
  - a) Impede enforcement of any law;
  - b) Affect the security or strategic interests of India;
  - c) Affect the intellectual property rights or legitimate commercial interests of bidders;
  - d) Affect the legitimate commercial interests of the procuring entity in situations that may include when the procurement relates to a project in which the procuring entity is to make a competitive bid, or the intellectual property rights of the procuring entity.
- The procuring entity shall treat all communications with bidders related to the procurement process in such manner as to avoid their disclosure to competing bidders or to any other person not authorised to have access to such information.
- The procuring entity may impose on bidders and sub-contractors, if there are any for fulfilling the terms of the procurement contract, conditions aimed at protecting information, the disclosure of which violates (a) above.
- In addition to the restrictions specified above, the procuring entity, while procuring a subject matter of such nature which requires the procuring entity to maintain confidentiality, may impose conditions for protecting confidentiality of such information.

## **23. General Terms and Conditions of RFP**

Bidders should read these conditions carefully and comply strictly while submitting their bids.

### **23.1 Definitions**

- For the purpose of clarity, the following words and expressions shall have the meanings hereby assigned to them: -
- "Request for Proposal (RFP)", means this detailed notification seeking a set of solution(s), services(s), materials and/or any combination of them.
- "OCAC", shall mean the Odisha Computer Application Centre, the Designated Technical Directorate of Information Technology Department, Government of Odisha.
- "GM" shall mean the General Manager of Odisha Computer Application Centre or any authorized officer to act on his behalf for a specified work.
- "Authorized Representative" shall mean any person authorized by either of the parties.
- "Agency/Vendor/Bidder" means any firm offering the solution(s), service(s) and /or materials required in the RFP. The word Vendor/Bidder when used in the pre award period shall be synonymous with Bidder, and when used after award of the Work shall mean the successful Bidder or Agency to whom OCAC issues the Purchase Order for rendering of sales & services.
- "Service" means provision of Contracted service as per this RFP.
- "Site" shall mean the location(s) for which the Order has been issued and where the service shall be provided as per Scope mentioned in the RFP.
- "Termination Notice" means the written notice of termination of the Purchase Order

issued by one Party to the other in terms hereof.

### **23.2 Language**

- The Proposal should be filled by the bidders/Agency in English language only.
- For purposes of interpretation of the documents, the English translation shall govern. All Proposals and accompanying documentation will become the property of OCAC and will not be returned.
- The Purchase Order as well as all correspondence and documents relating to the Project exchanged by the successful/ Agency and the Purchaser, shall be written in English language only. Supporting documents and printed literature that are part of the Project may be in another language provided they are accompanied by an accurate translation of the relevant passages in the language specified in the special conditions of the contract, in which case, for purposes of interpretation of the Project, this translation shall govern.
- The successful Bidder/Agency shall bear all costs of translation to the governing language and all risks of the accuracy of such translation.

### **23.3 Notices**

- Any notice given by one party to the other pursuant to the Project shall be in writing to the address specified in the Purchase Order. The term "in writing" means communicated in written form with proof of dispatch and receipt.
- A Notice shall be effective when delivered or on the Notice's effective date, whichever is later.

### **23.4 Governing Law**

The Project shall be governed by and interpreted in accordance with the laws of the Govt. of Odisha/Govt. of India unless otherwise specified in the Purchase Order.

### **23.5 Scope of Supply**

- Subject to the provisions in the bidding document and Purchase Order, the Goods/Equipment and related services to be supplied shall be as specified in the bidding document (RFP).
- Unless otherwise stipulated in this document, the quantity and specifications are for minimum quantity and configuration respectively. The bidder may supply higher configuration.
- Unless otherwise stipulated in the Purchase Order, the scope of supply shall include all such items not specifically mentioned in the Purchase order but that can be reasonably inferred from the Contract as being required for attaining delivery and completion of the goods and related services as if such items were expressly mentioned in the Contract.
- The bidder shall not quote and supply hardware/ software that is likely to be declared as End of Sale and End of Service/ Support for the period as mentioned in BoM (**Annexure -2**) from the last date of bid submission. OEMs are required to mention this in the MAF for all the quoted hardware/ software. If any of the hardware/ software is found to be declared as End of Sale/ Service/ Support, then the bidder shall replace all such hardware/ software with the latest ones having equivalent or higher specifications without any financial obligation to the purchaser.

### **23.6 Project Value**

- The Project value (PO Amount) shall be paid as specified in the Purchase Order subject to any additions and adjustments thereto, or deductions there from, as may be made pursuant to the Project.
- Prices charged by the Supplier/ Agency (for the Goods delivered and the Related Services performed under the Project shall not vary from the prices quoted by the Supplier/ Agency in its bid, with the exception of any price adjustments authorized in the special conditions of the Project.

### **23.7 Recoveries from Supplier/ Agency**

- Recovery of liquidated damages, short supply, breakage, rejected articles shall be made ordinarily from bills.
- OCAC shall withhold amount to the extent of short supply, broken/ damaged or for rejected articles unless these are replaced satisfactorily. In case of failure to withhold the amount, it shall be recovered from the performance security deposit of AGENCY available with OCAC.
- The balance, if any, shall be demanded from the Supplier/ Agency and when recovery is not possible, OCAC shall take recourse to law in force.

### **23.8 Taxes & Duties**

- The GST if applicable shall be deducted at source.
- For goods/Equipment supplied from outside India, the successful/ Agency shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the country.
- For goods/Equipment supplied from within India, the successful Agency shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.
- If any tax exemptions, reductions, allowances or privileges may be available to the successful Agency in India, OCAC shall use its best efforts to enable the successful Agency to benefit from any such tax savings to the maximum allowable extent.

### **23.9 Packing and Documents**

- The Agency shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Purchase Order. During transit, the packing shall be sufficient to withstand, without limitation, rough handling and exposure to extreme atmospheric temperatures, salt and precipitation, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the final destination of the Goods and the absence of heavy handling facilities at all points in transit.
- The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Project, including additional requirements, if any, specified in the Purchase Order, and in any other instructions ordered by OCAC.

### **23.10 Insurance**

The Agency should be responsible for undertaking the comprehensive insurance during the

delivery, installation and commissioning period. After that it is the responsibility of the concerned school to take care of the equipment.

### **23.11 Transportation**

The Agency shall be responsible for transport by sea, rail and road or air and delivery of the material in the good condition to the consignee at project locations. In the event of any loss, damage, breakage or leakage or any shortage the bidder shall be liable to make good such loss and shortage found at the checking/ inspection of the material by the consignee. No extra cost on such an account shall be admissible.

### **23. 12 Extension in Delivery Period and Liquidated Damages (LD)**

- Except as provided under clause "Force Majeure", if the supplier/ selected bidder fails to deliver the related Services within the period specified in the Purchase Order, the Purchaser may without prejudice to all its other remedies under the Contract, deduct from the Purchase Order Price, as liquidated damages, a sum equivalent to the percentage specified in Section "Service Level Standards" for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in the bidding document and/ or Purchase Order. Once the
- maximum is reached, the Purchaser may cancel the Purchase Order pursuant to clause "Termination".
- The time specified for delivery in the bidding document shall be deemed to be the essence of the Project and the supplier/ selected bidder shall arrange goods supply and related services within the specified period.
- Delivery period may be extended with or without liquidated damages, if the delay in the supply of goods or service is on account of hindrances beyond the control of the selected bidder:
  - 1) The selected bidder/Agency shall request in writing to the Purchaser giving reasons for extending the delivery period of service, if he/she finds himself
  - 2) /herself unable to complete the supply of goods or service within the stipulated delivery period or is unable to maintain prorate progress in the supply of goods or service delivery. This request shall be submitted as soon as a hindrance in delivery of goods and service occurs or within 15 days from such occurrence but before expiry of stipulated period of completion of delivery of goods and service after which such request shall not be entertained.
  - 3) The Purchaser shall examine the justification of causes of hindrance in the delivery of goods and service and the period of delay occurred due to that and recommend the competent authority on the period of extension which should be granted with or without liquidated damages.
  - 4) Normally, extension in delivery period of service in following circumstances may be considered without liquidated damages:
    - When delay has occurred due to delay in approval by OCAC.
    - When the delay has occurred in providing space or any other infrastructure, if OCAC was required to provide the same as per the terms of the Bid.
- If the competent authority agrees to extend the delivery period/ schedule, an amendment to the Purchase Order with suitable denial clauses and with or without liquidated damages, as the case may be, shall be issued. The amendment letter shall mention that no extra price or additional cost for any reason, whatsoever beyond the contracted cost shall be paid for the delayed supply of goods and service.

### **23. 13 Warranty**

- The bidder shall provide comprehensive warranty support for all equipment supplied under the project for the entire contract duration, ensuring smooth operation and maximum uptime of the offered solution.
- The bidder shall guarantee that none of the supplied equipment will be declared End of Support (EoS) or End of Service Life (EoSL) for a minimum period of five (5) years from the date of commissioning. Additionally, all necessary software upgrades and updates, if any, shall be made available free of cost for the same five-year period.
- The bidder shall ensure advance replacement or repair of faulty hardware components as part of the warranty service.
- All software updates and upgrades required for optimal functionality of the system shall be provided at no additional cost to Odisha Adarsha Vidyalaya Sangathan (OAVS).
- The bidder shall provide on-site support for addressing any issues during the warranty period.
- The initial warranty period shall be for three (3) years, with the option to extend it to the 4th and 5th year, based on the rates quoted in the financial bid for those years.

### **23. 14 Termination**

- OCAC 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 OCAC. OCAC 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 contract.
  - Delay in delivery beyond the specified period.
  - In addition to the cancellation of the contract, OCAC reserves the right to appropriate the damages through encashment of Bid Security / Performance Guarantee given by the Bidder.
- OCAC would not be liable to pay any damages to the Agency in cases comprising termination for default.

### **23.15 Settlement of Disputes**

1. General: If any dispute arises between the supplier/ Agency and OCAC during the execution of a Project that should be amicably settled by mutual discussions. However, if the dispute is not settled by mutual discussions, a written representation will be obtained from the supplier/ Agency on the points of dispute. The representation so received shall be examined by the concerned Committee which sanctioned the tender. The Procurement Committee may take legal advice of a counsel and then examine the representation. The supplier/ Agency will also be given an opportunity of being heard. The Committee will take a decision on the representation and convey it in writing to the supplier/ Agency.
2. Standing Committee for Settlement of Disputes: If a question, difference or objection arises in connection with or out of the Order issued or the meaning of operation of any part, thereof or the rights, duties or liabilities of either party have not been settled by mutual discussions or the decision of tender sanctioning Procurement Committee, it shall be referred to the empowered standing committee for decision.

## **24. Special Terms and Conditions of RFP**

## 24.1 Payment Terms and Schedule

The payment schedule is as follows: Each milestone payment will be made to the bidder against submission of Performance Bank Guarantee (PBG).

Sl.No.	Project Milestone	Payment (%)	Documents Required
1	Setting up of campus WiFi and go live of the network	40% of the total Contract Value	Feasibility Report of ISP Site Survey Report Original Delivery Challan Original Invoice (In triplicate) Installation Certificate Training Signoff for School authorities Sign-off from the school Warranty Certificate
2	Day-to-Day Operation Maintenance of Hardware Equipment and internet Services for entire three years	5% of the contract value including Manpower x 12 Nos of QGRs Payable on Quarterly Basis (60% of the contract value)	Original Invoice (In triplicate)  The sign-off from the school, in the form of reports, shall be submitted at relevant intervals from time to time, as specified under Clause 28, confirming the availability of an active internet connection.
3	For 4th and 5th year AMC	Quarterly payment as per the prices quoted in the Financial bid for the same	Original Invoice (In triplicate)  The sign-off from the school, in the form of reports, shall be submitted at relevant intervals from time to time, as specified under Clause 28, confirming the availability of an active internet connection.

## 24.2 Payment of Goods & Services Tax

GST shall be shown extra by the bidder in their invoices for the items applicable. The same shall be paid by OCAC as per actual after verification. If there is any tax savings, the same shall be reduced from the payable amount. In case of any new incidence of tax or increase in existing tax rates taking place during the Project Period, that shall be borne and payable by the OCAC over and above the agreed price for each item as may be applicable as per the Invoice raised by the agency on the OCAC. Similarly, any reduction in taxes shall be to the benefit of OCAC.

### **24.3 Penalty for delay in Supply, Installation, Testing, Commissioning, Training and Go-LIVE:**

Penalty will be charged @ 0.5% of the Project value per week subject to maximum of 5% of total order value, in case of delay in supply, installation, testing, commissioning, training and Go-LIVE of stipulated time period.

### **25. Ticketing & Incident Management Tool**

- The successful bidder will be required to make arrangements to maintain the ticketing tool or has to develop and host the Ticketing tool for necessary project monitoring.
- The customized dashboard for the users should provide details about the tickets raised school wise, month-wise etc.
- The user should be able to generate reports based on multiple filters such as date range, School wise, district wise, engineer wise etc.
- The ticketing tool should be able to generate reports in both pdf and excel format based on selection by user.
- The ticketing tool should have an inbuilt verification mechanism to ensure that wrong data is not provided to the users.
- The successful bidder shall be responsible for Handing over all the ticket and related data in the requisite format on need basis.

### **26. Reports:**

The successful bidder shall submit the MIS and Monitoring reports on a regular basis in a format agreeable. The successful bidder must supply reports on a monthly, quarterly and annual basis documenting all activities and noted trends for the period, including but not limited to:

- Installation Reports
- Commissioning Reports
- Volume of tickets
- Daily/ Weekly/ Monthly/ Quarterly/ Annually Reports
  - School Wise Reports
  - District Wise Reports

#### **Installations Reports:**

- a) Equipment Installed
- b) ISP & Connectivity Info
- c) Earthing & Power Infrastructure
- d) Photos
- e) Remarks & Site Readiness

#### **Commissioning Reports**

- a) System Boot & Configuration
- b) Commissioning Summary

#### **School-Wise Reports**

<b>S No</b>	<b>Report Name</b>	<b>Key Parameters/Contents</b>
1	Network Equipment Status Report	Router model, switch model, UPS status, installation date, operational status
2	ISP Performance Report	Daily/weekly uptime %, downtime events, average downtime duration
3	Power Outage Report	Date/time of outages, duration, cause (if known)
4	UPS Utilization Report	Frequency of UPS activation, average backup duration, battery health
5	Earthing Compliance Report	Measured earthing resistance, compliance with standards (<5 V), test date
6	ISP Feasibility Survey	Availability of fiber/DSL, latency, bandwidth, provider contact info
7	Incident/Complaint Log	Number of network or power issues reported, resolution time, root cause
8	Access Point Deployment Report	Indoor vs Outdoor AP count, model, placement details per school.

#### **District-Wise / Consolidated Reports**

<b>S No</b>	<b>Report Name</b>	<b>Key Parameters/Contents</b>
1	District Network Health Report	% of schools with operational routers/switches, earthing compliance, UPS functionality
2	ISP SLA Compliance Report	Provider-wise uptime SLAs vs actuals, per district
3	Downtime Trend Analysis	Monthly trends of network/power downtimes across the district
4	Power Infrastructure Status Report	% of schools with frequent power cuts, poor UPS backup, need for replacement
5	Equipment Deployment Tracker	Count of schools with installed routers, switches, UPS, earthing done
6	High Priority Alert Summary	Schools with >5 incidents/month, UPS failures, or prolonged outages
7	Preventive Maintenance Due List	List of schools due for UPS servicing, earthing recheck, router config audit
8	Access Point Connectivity Report	Uptime, connected devices, signal strength.

**Bar Graphs:** UPS usage hours per school, district-wise comparison

**Pie Charts:** Device health statuses (active, faulty, missing)

**Trend Lines:** Downtime reduction after upgrades/interventions

## **27. Project Handover**

After the end of the contract period i.e. one year warranty and two years AMC period from the date of commissioning, the successful bidder shall submit the following:

- School-wise serial numbers of all hardware devices as on the last date of AMC.
- Working status of each hardware device by taking inputs from schools in the last month of the AMC period.
- Details of all tickets raised and closed during the AMC period.
- The details of all Hardware moved out of the project on account of replacement/non repairable during the entire contract period.
- The details of all Hardware replaced during the entire contract period.
- Undertaking regarding functionality of all devices on the last day of the project.
- Issues & Closed Report- District, Month & Year wise.
- Replaced Asset Count.
- The successful bidder has to resolve all issues of non-working hardware/software reported before completion of contract period. Any pending issues must be resolved within 15 days from the last date of contract.

## **28. Contract Extension**

Upon successful completion of the initial contract period, which includes one (1) year of warranty and two (2) years of Annual Maintenance Contract (AMC), the Department reserves the right to extend the contract for an additional period of up to two (2) years.

The extension, if granted, shall be subject to the following conditions:

- The extended period shall be governed by the same terms and conditions as stipulated in the original contract, including all Service Level Agreements (SLAs), maintenance protocols, performance benchmarks, and reporting mechanisms.
- The successful bidder shall continue to provide preventive and corrective maintenance services for all hardware and software deployed under the project, without any degradation in the quality of service.
- Any performance penalties or service credits applicable during the original AMC period shall continue to apply during the extended contract period.
- The bidder shall be required to submit an updated asset verification report at the commencement of the extended period, and ensure continuity of services without disruption.
- All obligations under Clause 27 (Project Handover) shall accordingly be deferred and become applicable upon completion of the extended contract period, unless otherwise specified by the Department.

The decision to extend the contract shall be communicated to the bidder in writing at least thirty (30) days prior to the expiry of the original contract period. The bidder shall confirm acceptance of the extension within seven (7) working days from the date of such communication.

### Annexure- 1: Particulars of the Bidders

<b>Sl. No.</b>	<b>Information Sought</b>	<b>Details to be Furnished</b>
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	

**Annexure-2: Indicative Bill of Quantity (BOQ)**

<b>Sl. No.</b>	<b>Equipment / Item Name</b>	<b>No. of schools to be covered</b>
1	Managed Router	315 Nos.
2	Access Points (Indoor / Outdoor) - Quantity to be Determined Based on Requirements at School Level - Approximately - 10 Access Points including Indoor & Outdoor	315 Sets
3	UPS-600VA	315 Nos
4	Perimeter Network Security Solution	315 Nos
5	PoE Switch	315 Nos
6	Over/Under Voltage Protection Device with Surge Suppression	315 Nos
7	Wall Mount Cabinet	315 Nos
8	Managed Internet service (ILL with minimum of 10Mbps)	315 Nos
9	Electrical Wiring and Modular Switches to be used for installation and setup (as per the requirement at the school level)	315 Nos
10	Networking equipment / wiring specification for setup at the end points (as per the requirement)	315 Nos
11	Earthing	315 Nos

### Annexure-3: Technical Specifications

#### 1. Managed Router:

Item		Managed Router			
Make		Data Submission (Y/N)			
Model		MAF Submission (Y/N)			
Bidder		Compliance			
S.No	Technical Specification	Minimum Requirement	Fully Complied (Yes / No)	Partially Complied	Reason for Partial Compliance and effect on performance
1	Form Factor	Desktop & Wall-Mounted Network Appliance			
2	Use Cases	- Small Business Routing - ISP Customer Premises Equipment (CPE) - Visitor/Employee Captive Portal (optional)			
3	Interfaces	5 × 1G Ethernet LAN Ports			
4	USB Port	1 × USB			
5	Processor	ARM-based processor / RISC			
6	Modem Support	3G/4G or higher			
7	Operating System	Native OS provided by the OEM (for better interoperability with any ISP's Managed Leased Line connection)			
8	LED Indicator	1 × Power			
9	Peak Forwarding Rate (RFC 2544)	1 Gbps / 80,000 PPS			
10	Recommended Forwarding Rate	400 Mbps / 32,000 PPS			
11	System RAM	Minimum 512 MB			
12	Power Adapter	AC to DC Adapter (12V DC)			
13	Max Power Consumption	12W			
14	Dimensions (W × H × D)	to be mentioned by the bidder			
16	Weight	to be mentioned by the bidder			
17	Operating Temperature	0°C to 40°C			
18	Storage Temperature	-35°C to 70°C			

<b>Item</b>		<b>Managed Router</b>			
Make		Data Submission (Y/N)			
Model		MAF Submission (Y/N)			
Bidder		Compliance			
<b>S.No</b>	<b>Technical Specification</b>	<b>Minimum Requirement</b>	<b>Fully Complied (Yes / No)</b>	<b>Partially Complied</b>	<b>Reason for Partial Compliance and effect on performance</b>
19	Humidity	10% to 90% non-condensing			
20	Security Features	<ul style="list-style-type: none"> <li>- Stateful Firewall</li> <li>- DNS Server</li> <li>- DHCP Server/Client</li> <li>- NAS</li> <li>- Radius</li> <li>- IPv4 &amp; IPv6</li> <li>- Bridge</li> <li>- DS-lite, PPPoE</li> </ul>			
21	Firewall Capabilities	<ul style="list-style-type: none"> <li>- Multiple matches per rule</li> <li>- Pre-NAT, Forward, Input locations</li> <li>- Allow/Drop actions</li> <li>- TTL, ToS/DSCP changes</li> <li>- Counters for packets/bytes</li> </ul>			
22	Routing Protocols	<ul style="list-style-type: none"> <li>- Static Routing</li> <li>- RIPng</li> <li>- BGP</li> <li>- OSPF</li> <li>- IPv6 Route Advertisements</li> <li>- Policy Routing (up to 254 routing tables)</li> </ul>			
23	Network Protocol Support	IPv4, IPv6, PPPoE, DHCP, TCP/IP, ICMP, NAT, HTTP, DNS, VLAN, NETCONF/RESTCONF			
24	Network Services	DHCP (v4/v6) Server, NTP Client			
25	NAT	1:N NAT with session state awareness			
26	Packet Matching	<ul style="list-style-type: none"> <li>- L3: Source/Destination Network, Attributes</li> <li>- L4: Port, ICMP, TCP Flags</li> <li>- NAT/User Session State</li> </ul>			
27	Accounting Features	<ul style="list-style-type: none"> <li>- RX/TX Byte &amp; Packet Accounting</li> <li>- Tagging flows to accounting buckets</li> </ul>			

<b>Item</b>	<b>Managed Router</b>				
Make			Data Submission (Y/N)		
Model			MAF Submission (Y/N)		
Bidder			Compliance		
<b>S.No</b>	<b>Technical Specification</b>	<b>Minimum Requirement</b>	<b>Fully Complied (Yes / No)</b>	<b>Partially Complied</b>	<b>Reason for Partial Compliance and effect on performance</b>
28	Management Interface	- SSH CLI - Config snapshot, upload/download - TACACS+ support - Web API for cloud management			
29	Lawful Logging	- Syslog (internal/external) - IPFix / NetFlow V9 - Packet logs			
30	Firmware	Native Firmware provided by the OEM			
31	Modules/Apps supported	- Captive Portal - Session metering, AAA authentication			
32	Warranty	3 years			
33	End of Life	Should be valid for 3 years			
34	End of Support	Should be valid for 5 years			

**2.a Access Point - Indoor**

<b>Item</b>		<b>Access Point - Indoor</b>			
Make			Data Submission (Y/N)		
Model			MAF Submission (Y/N)		
Bidder			Compliance		
<b>S.No</b>	<b>Technical Specification</b>	<b>Minimum Requirement</b>	<b>Fully Complied (Yes / No)</b>	<b>Partially Complied</b>	<b>Reason for Partial Compliance and effect on performance</b>
1	MIMO	Access Point radio should be minimum 2x2 MIMO with 2 spacial streams. The AP should have Dual Radio 802.11ax access point with OFDMA and Multi-User MIMO (MU-MIMO)			
2	Ethernet Interface	AP should have one 10/100/1000 Mbps speed LAN port and Auto-sensing link speed			
3	Client Management	Access point should support Built-in technology that resolves sticky client issues for Wi-Fi 6 and Wi-Fi 5 devices			
4	IoT Support	Access point should have in-built Bluetooth 5 and Zigbee support			
5	Data Rate	Access point should have 1.7 Gbps aggregate data rates			
6	Antenna Gain	Access Point can have integrated internal/external antenna; Should have peak antenna gain of 4.9dBi in 2.4GHz and 5.7dBi in 5GHz			
7	Location Services	Access point should have Internal Bluetooth Low energy beacon to support advance location based servivces for Mobile engagement solutions and Applications.			
8	SSID Support	Should support 16x BSSID per AP radio.			
9	Dual-Function Radio	The access point should be capable of performing security scanning and serving clients on the same radio. It should be also capable of performing spectrum analysis and security scanning using same radio.			
10	PoE Support	Access point should support 802.3af/at POE standard.			

<b>Access Point - Indoor</b>					
Make			Data Submission (Y/N)		
Model			MAF Submission (Y/N)		
Bidder			Compliance		
S.No	Technical Specification	Minimum Requirement	Fully Complied (Yes / No)	Partially Complied	Reason for Partial Compliance and effect on performance
11	Power Options	Access point should have option of external power adaptor as well. Should have factory reset button and dedicated console port			
12	Operating Mode	AP model proposed must be able to be both a client-serving AP and a monitor-only AP for Intrusion Prevention services			
13	Radio Resource Management	Access point must incorporate radio resource management for power, channel, coverage hole detection and performance optimization			
14	ACC capability	The AP should support Advanced Cellular Coexistence (ACC) to minimizes interference from 3G/4G cellular networks, distributed antenna systems and commercial small cell/femtocell equipment			
15	Unified Communication	The AP should support supports priority handling and policy enforcement for unified communication apps, including Skype for Business with encrypted video conferencing, voice chat and desktop sharing			
16	AP Management	AP should support standalone mode/ Inbuilt Virtual controller mode for specific requirements. The same AP can be manage through cloud.			
17	Mounting Kit	AP should be provided with proper mounting kit			
18	Beamforming	The Access point should support Transmit beam-forming (TxBF) for increased signal reliability and range			
19	Power Efficiency	The Access point should support 802.11ax Target Wait Time (TWT) to support low-power client devices			

<b>Item</b>	<b>Access Point - Indoor</b>				
Make			Data Submission (Y/N)		
Model			MAF Submission (Y/N)		
Bidder	Compliance				
<b>S.No</b>	<b>Technical Specification</b>	<b>Minimum Requirement</b>	<b>Fully Complied (Yes / No)</b>	<b>Partially Complied</b>	<b>Reason for Partial Compliance and effect on performance</b>
20	Regulatory Compliance	FCC/ISED CE Marked RED Directive 2014/53/EU EMC Directive 2014/30/EU Low Voltage Directive 2014/35/EU EN 60601-1-1, EN60601-1-2			
21	Certifications	Certifications UL2043 plenum rating Wi-Fi Alliance: - Wi-Fi CERTIFIED a, b, g, n, ac - Wi-Fi CERTIFIED 6 (ax) - WPA, WPA2 and WPA3 - WMM - Passpoint (release 2)			
22	Operating Temperature	Should support 0-50 degree operating temperature			
23	Warranty	3 years			
24	End of Life	Should be valid for 3 years			
25	End of Support	Should be valid for 5 years			

## 2.b Access Point – Outdoor

Item		Access Point - Outdoor			
Make		Data Submission (Y/N)			
Model		MAF Submission (Y/N)			
Bidder		Compliance			
S.No	Technical Specification	Minimum Requirement	Fully Complied (Yes / No)	Partially Complied	Reason for Partial Compliance and effect on performance
1	MIMO & Outdoor Durability	Outdoor Access Point should be Weatherproof and temperature-hardened and should be minimum 2x2 MIMO with 2 special stream on 2.4Ghz and 5Ghz. The AP should have Dual Radio 802.11ax access point with OFDMA technology.			
2	Security Standards	Access Point should be 802.11ax ready from day one and support WPA3 and Enhanced Open security from day one			
3	Ethernet Interface	AP should have one 10/100/1000BASE-T (RJ-45) LAN port from day one.			
4	Client Management	Access point should support Built-in technology that resolves sticky client issues for Wi-Fi 6 and Wi-Fi 5 devices			
5	IoT Support	Access point should be IoT-ready supporting Bluetooth 5 and Zigbee radios			
6	Data Rate	Maximum data rates of 1.2Gbps in the 5GHz band and 570Mbps in the 2.4GHz band (for an aggregate peak data rate of 1.7Gbps).			
7	Antenna Type	Access Point can have integrated internal antenna			
8	SSID Support	Should support 16x BSSID per AP radio.			
9	Modulation	Should support BPSK, QPSK, 16-QAM, 64-QAM, 256 QAM and 1024 QAM modulation types			
10	PoE Support	Access point should support 802.3af/at POE standard.			
11	Console Port	Access point should have console port.			

<b>Access Point - Outdoor</b>					
Make				Data Submission (Y/N)	
Model				MAF Submission (Y/N)	
Bidder				Compliance	
S.No	Technical Specification	Minimum Requirement	Fully Complied (Yes / No)	Partially Complied	Reason for Partial Compliance and effect on performance
12	Operating Mode	AP model proposed must be able to be both a client-serving AP and a monitor-only AP for Intrusion Prevention service			
13	Radio Resource Management	Access point must incorporate radio resource management for power, channel, coverage hole detection and performance optimization			
14	Unified Communication	The AP should support Supports priority handling and policy enforcement for unified communication apps, including Skype for Business with encrypted videoconferencing, voice, chat and desktop sharing			
15	AP Management	AP should support standalone mode/ Inbuilt Virtual controller mode.			
16	Power Efficiency	The Access point should support 802.11ax Target Wait Time (TWT) to support low-power client devices			
17	Beamforming	The Access point should support Transmit beam-forming (TxBF) for increased signal reliability and range			
18	Regulatory Compliance	FCC/ISED CE Marked RED Directive 2014/53/EU EMC Directive 2014/30/EU Low Voltage Directive 2014/35/EU EN 60601-1-1, EN60601-1-2			
19	Certifications	Wi-Fi Alliance certified 802.11a/b/g/n Wi-Fi CERTIFIEDTM 6 (802.11ax) Wi-Fi CERTIFIED ac (with Wave 2 features) Passpoint (Release 2)			
20	Environmental & Protection	Operating Temperature: -40° C to +55° C (-40° F to +140° F) Humidity: 5% to 95% non-			

<b>Item</b>	<b>Access Point - Outdoor</b>				
Make			Data Submission (Y/N)		
Model			MAF Submission (Y/N)		
Bidder	Compliance				
<b>S.No</b>	<b>Technical Specification</b>	<b>Minimum Requirement</b>	<b>Fully Complied (Yes / No)</b>	<b>Partially Complied</b>	<b>Reason for Partial Compliance and effect on performance</b>
		condensing internal to chassis. Storage and transportation: Temperature: -40° C to +70° C (-40° F to +158° F) Operating altitude: 3,000 m Water and dust: IP66/67 Salt tolerance: tested to ASTM B117-07A salt spray 200hrs Wind survival: up to 165 Mph Shock and vibration: ETSI 300-19-2-4			
21	Warranty	3 years			
22	End of Life	Should be valid for 3 years			
23	End of Support	Should be valid for 5 years			

### 3. UPS-600VA

<b>UPS - 600VA with minimum of 1 hour backup</b>					
Item					
Make				Data Submission (Y/N)	
Model				MAF Submission (Y/N)	
Bidder	Compliance				
S.No	Technical Specification	Minimum Requirement	Fully Complied (Yes / No)	Partially Complied	Reason for Partial Compliance and effect on performance
1	Capacity	600 VA or more Line Interactive			
2	Technology	Automatic Voltage Regulation			
3	Input Frequency Range	50 Hz +/- 5%			
4	Output Frequency Range	50 Hz +/- 5%			
5	Input Voltage	160 V - 280 V, Single phase AC			
6	Output Voltage	180VAC - 250 VAC +/- 10%			
7	Voltage Regulation	+/-10% (or better)			
8	Output Waveform	Modified Sine Wave			
9	Output Power Factor	0.6 or more			
10	Battery type	SMF-VRLA built-in, Minimum Vah should be 84VAh			
11	Battery make	Exide/HBL/Leoch/Uplus-LEOCH/Panasonic /Yuasa/Rocket			
12	Battery Backup	Minimum backup of 15 Minutes @200Watt Load			
13	Operating Temperature	0 to 40 Degree Celsius			
14	Alarms & Indications	All necessary alarms & indications essential for performance monitoring of UPS like mains presence or fail, UPS mode, low battery, overload			

<b>Item</b>	<b>UPS - 600VA with minimum of 1 hour backup</b>				
Make			Data Submission (Y/N)		
Model			MAF Submission (Y/N)		
Bidder			Compliance		
<b>S.No</b>	<b>Technical Specification</b>	<b>Minimum Requirement</b>	<b>Fully Complied (Yes / No)</b>	<b>Partially Complied</b>	<b>Reason for Partial Compliance and effect on performance</b>
15	Protections	<ul style="list-style-type: none"> <li>· If input voltage goes outside the range 160V-280V, the system shall switch over to UPS mode.</li> <li>· Over Voltage, short circuit and overload at UPS output terminal, no load shut down.</li> <li>· Under voltage at battery terminal, Battery over charge</li> </ul> <p>It should protect from input voltage variation</p>			
16	Certifications	BIS certified at the time of bidding			
17	Warranty of UPS and Battery	The UPS warranty is 3 years, during the contract bidder has to ensure the battery life to provide required backup time & during the contract period as when required bidder has to replace the batteries without additional cost to the tender inviting authority. Batteries support must be up to 3-years			
18	Factory License	UPS OEM Should produce Its Factory License from Concerned Govt Regulatory Body during Submission of Bid			

<b>Item</b>						<b>UPS - 600VA with minimum of 1 hour backup</b>					
Make						Data Submission (Y/N)					
Model						MAF Submission (Y/N)					
Bidder						Compliance					
<b>S.No</b>		<b>Technical Specification</b>		<b>Minimum Requirement</b>		<b>Fully Complied (Yes / No)</b>		<b>Partially Complied</b>		<b>Reason for Partial Compliance and effect on performance</b>	
19		Certifications		<p>The product should conform to the relevant Bureau of Indian Standards Code as applicable.</p> <p>1)ISO 9001  2)ISO 14001  3)ISO 45001  4)ISO 50001  5)ISO 20000  6)ISO 27001  7)ISO 27701</p>							
20		Web Support		<p>It is mandatory to provide an online centralized call tracking system Like OVSD (Open view Service Desk) for monitoring of logged calls viewing through web / windows based access for at least 2 officials.</p>							

#### 4. Perimeter Network Security Solution

Item	Perimeter Network Security Solution				
Make			Data Submission (Y/N)		
Model			MAF Submission (Y/N)		
Bidder				Compliance	
S.No	Technical Specification	Minimum Requirement	Fully Complied (Yes / No)	Partially Complied	Reason for Partial Compliance and effect on performance
1	User Capacity	The Firewall or Equivalent Security solution must support a minimum of 250 concurrent users.			
2	Throughput	The Firewall or Equivalent Security solution must be capable of handling network bandwidth up to 1 Gbps.			
3	Secure Gateway	The Firewall or Equivalent Security solution will serve as a secure internet gateway, enforcing network-level protection and access control.			
4	Content Filtering	The Firewall or Equivalent Security solution must support robust content filtering capabilities to block access to inappropriate, non-educational, or harmful websites, ensuring safe and focused internet usage.			
5	Role-Based Access Control (RBAC)	RBAC must be implemented to ensure that only authorized personnel can modify system configurations or security policies.			
6	VPN Support	The Firewall or Equivalent Security solution must support VPN access for secure, encrypted remote administration and centralized support.			
7	Secure Remote Management	Secure remote management interfaces must be available, featuring IP whitelisting and encrypted communication			

		protocols (e.g., HTTPS, SSH).			
8	Logging and Auditing	The system must generate and retain comprehensive logs and audit trails for network traffic, user activity, and administrative actions.			
9	Threat Protection	Automatic security rule updates or threat intelligence feeds must be enabled to maintain protection against evolving cyber threats.			
10	Bandwidth Management	The Firewall or Equivalent Security solution must support bandwidth management and traffic prioritization, ensuring mission-critical applications receive priority over recreational traffic.			
11	Scalability	The Firewall or Equivalent Security solution must be scalable to accommodate future growth.			
12	Integration	The Firewall or Equivalent Security solution should support integration with centralized authentication systems (e.g., RADIUS, LDAP) and monitoring platforms as needed in future phases.			

## 5. PoE Switch

Item		PoE Switch			
Make		Data Submission (Y/N)			
Model		MAF Submission (Y/N)			
Bidder		Compliance			
S.No	Technical Specification	Minimum Requirement	Fully Complied	Partially Complied	Reason for Partial Compliance and effect on performance
			(Yes / No)		
1	Hardware Specification	Smart-managed layer 2+ Ethernet switch series ready to deploy in 8-, 24-and 48-port for non-PoE and Class 4 PoE (i.e. PoE+) models.			
2	8 Port Switch - Non POE	8 RJ-45 autosensing 10/100/1000 ports with 2 SFP 1GbE ports - Fanless			
3	8 Port Switch - POE	8 RJ-45 autosensing 10/100/1000 Class 4 PoE ports with 2 SFP 1GbE ports - Fanless			
4	24 Port Switch - Non POE	24 RJ-45 autosensing 10/100/1000 ports with 4 SFP+ 1/10GbE ports - Fanless			
5	24 Port Switch - POE	24 RJ-45 autosensing 10/100/1000 Class 4 PoE ports with 4 SFP+ 1/10GbE ports			
6	24 Port Switch - POE - 370W	24 RJ-45 autosensing 10/100/1000 Class 4 PoE ports with 4 SFP+ 1/10GbE ports			
7	48 Port Switch - Non POE	48 RJ-45 autosensing 10/100/1000 ports with 4 SFP+ 1/10GbE ports - Fanless			
8	48 Port Switch - POE	48 RJ-45 autosensing 10/100/1000 Class 4 PoE ports with 4 SFP+ 1/10GbE ports			
9	Uplinks	The two (2) dedicated 1G SFP fiber ports on 8-port models, and four (4) dedicated 1G/10G SFP+ fiber ports on 24-/48-port models, ensure high performance and eliminate traffic bottlenecks across the network.			
		SFP/SFP+ Fiber connectivity			

Item		PoE Switch		
Make			Data Submission (Y/N)	
Model			MAF Submission (Y/N)	
Bidder			Compliance	
		Provides fiber connections for uplinks and other connections across longer distances than copper cabling can support.		
		SFP ports are in addition to available copper Ethernet ports, providing a higher total number of available ports.		
		Two (2) SFP 1G ports available on 8-port models and four (4) SFP+ 1G/10G ports on 24-/48 port models.		
10	Switching Performance	20Gbps (8P) / 128 Gbps (24P) and 176 Gbps (48P)		
11	Switching Throughput	14.88 Mpps (8P) / 95.23 Mpps (24P) and 130.95 Mpps (48P)		
12	Memory	Flash: 256 MB ; Packet Buffer: 1.5 MB on 8/24/48 Port skus		
13	POE Functionality	The series consists of four (4) Class 4 PoE (PoE+) switches, and three (3) non-POE switches including 8- 24- and 48-port Gigabit Ethernet switches.		
		Ethernet Alliance Certified Class 4 PoE (PoE+; IEEE 802.3at)		
		Provides up to 30 W per port, which allows support of the class 4 PoE (i.e. PoE+) capable devices such as video IP phones, wireless access points, and advanced pan/tilt/zoom security cameras, as well as any 15.4 W IEEE 802.3af-compliant end device; mitigates the cost of additional electrical cabling and circuits that would otherwise be necessary in IP phone and WLAN deployment.		
		PoE to power APs and IoT devices like IP phones, surveillance cameras and door locks.		
		Auto-PoE power configuration		

Item		PoE Switch		
Make			Data Submission (Y/N)	
Model			MAF Submission (Y/N)	
Bidder			Compliance	
		The switch automatically assigns the required power to a port for a PD device based on Link Layer Discovery Protocol (LLDP).		
		PoE Power allocation		
		Support multiple methods (LLDP-MED automatic, class of PoE, or usage-based) to allocate PoE power for more efficient energy savings.		
		Auto MDI/MDI-X		
		Adjusts automatically for straight-through or crossover cables on all 10/100/1000 ports.		
		Convenient mobile app and web-based GUI for set up, management and troubleshooting.		
14	Simplicity at its best	Plug-and-play switches that work together with Instant On APs right out of the box.		
		Mobile app to easily setup, monitor and manage network.		
15		Built-in security		
		Built-in security features protect network from external threats by blocking malware attacks and keeping unauthorized users off the network. Network traffic can be filtered and access restricted based on MAC and IP address.		
		Protect network from unauthorized access with IEEE 802.1X and VLAN.		
		Security controls let user define access in each area of user's network, keeping the business data safe.		
		Automatic denial-of-service (DOS) monitors and protects the network against malicious attacks.		
		TPM-Based security		

Item		PoE Switch			
Make			Data Submission (Y/N)		
Model			MAF Submission (Y/N)		
Bidder			Compliance		
		Includes a Trusted Platform Module (TPM) for secure hardware- based generation and storage of cryptographic keys used for secure connection to the Instant On cloud portal.			
		Two Factor Authentication - 2FA : Using 2FA strengthens security by requiring an additional layer of authentication, such as an authentication app, in addition to a username and password.			
		Industry-leading limited lifetime warranty and support.			
16	The Instant On Differentiators	Easy setup and management			
		The Aruba Instant On mobile app allows user to set up, manage, and monitor Instant On switches and access points directly from phone.			
		Non-intrusive, aesthetic design			
		Aruba Instant On switches are designed to complement the sleek and clean look of the Instant On access points, and to blend discreetly into site's environment.			
		High performance with flexible options			
		Customizable features include basic Layer 2 features like VLANs and link aggregation, as well as advanced features such as Layer 3 IPv4 static routing, ACLs, and Spanning Tree Protocols, and IPv6 Host mode.			
		Optimized user experience			

Item		PoE Switch		
Make			Data Submission (Y/N)	
Model			MAF Submission (Y/N)	
Bidder			Compliance	
		The Aruba Instant On mobile app provides common workflows for Instant On switches and access points making it easier to configure, monitor and manage network remotely without the need for additional hardware like cloud keys or VPN.		
		User can also update firmware on Instant On devices directly from the cloud whenever user want, from wherever users are.		
		Site inventory		
		The site inventory feature on the Instant On mobile app shows user all switches and AP's on a single screen, allowing user to quickly identify non-functioning devices and troubleshoot accordingly.		
		Multi-site management		
		The cloud-hosted web interface and mobile app make it easy to manage multiple sites, multiple networks, distributed deployments and multi-tenant deployments.		
		No extra licensing or subscription fee.		
		No hidden fees		
		All features are included in the price of the hardware-there are no recurring subscription or licensing fees.		
		Expert-level support and industry leading limited lifetime warranty are also included, along with chat support for the life of the product.		
17	Management	Cloud-based management for entire network		
		The cloud-hosted web interface and mobile app make it easy to manage networks with Instant On APs and Switches.		

Item		PoE Switch		
Make		Data Submission (Y/N)		
Model		MAF Submission (Y/N)		
Bidder		Compliance		
	Simple local web GUI management			
	For management of individual switches, the intuitive Web GUI makes management simple, even for non-technical users. Supports up to five (5) HTTP and HTTP Secure (HTTPS) sessions.			
	Firmware update			
	Provides notification of the latest firmware with the ability to schedule update at a preferred time through Instant On mobile app and cloud-based web portal.			
	Default DHCP client mode			
	Allows the switch to be directly connected to a network, enabling plug-and-play operation. In the absence of a DHCP server on the network, the switch falls back to the static address 192.168.1.1.			
	Port mirroring			
	Enables traffic on a port or VLAN to be simultaneously sent to a network analyzer for monitoring.			
	Event logging and alerts			
	Provides detailed information for problem identification and resolution.			
	Account management			
	Allows administrators to add, modify, delete and transfer management accounts and passwords for secure access to Instant cloud management solution.			
	Locator LED			
	Allows users to set the locator LED on a specific switch to either turn on, blink, or turn off; simplifies troubleshooting by making it easy to locate a particular switch within a rack of similar switches.			
18	Quality of	Traffic prioritization		

Item		PoE Switch			
Make			Data Submission (Y/N)		
Model			MAF Submission (Y/N)		
Bidder			Compliance		
	Service (QoS)	Provides time-sensitive packets (like VoIP and video) with priority over other traffic based on DSCP or IEEE 802.1p classification.			
		IEEE 802.1p/Q VLAN tagging			
		Delivers data to devices based on the priority and type of traffic; supports IEEE 802.1Q.			
		Class of Service (CoS)			
		Sets the IEEE 802.1p/DSCP priority to queue mapping(4 queues).			
		Supports strict priority queuing (SP) or weighted round robin (WRR) queuing. SP and WRR queuing can be configured on individual switch ports.			
		Advanced classifier based QoS			
		Classifies traffic using multiple match criteria based on Layer 2, 3, and 4 information.			
19	Network security				
		IEEE 802.1Q VLAN Support			
		Support for up to 256 VLANs with a VLAN ID range of 2-4093.			
		IEEE 802.1X Access control			
		Authentication of network users on a per port basis prior to permitting network access.			
		Port authentication includes RADIUS assigned VLAN, dynamic VLAN creation, guest VLAN or into an unauthenticated VLAN.			
		Automatic denial-of-service protection			
Monitors for malicious attacks and protects the network by blocking the attack.					
Packet storm protection					

Item		PoE Switch			
Make			Data Submission (Y/N)		
Model			MAF Submission (Y/N)		
Bidder			Compliance		
		Protects against unknown unicast, broadcast and multicast storms with user-defined thresholds.			
		RADIUS			
		The switch supports RADIUS authentication with primary and backup server configuration.			
		RADIUS accounting			
		A robust set of attributes and statistics are available for collecting information from the switch.			
		Management VLAN ID			
		Provides secure management access to administrators in the specified VLAN.			
		Link Flap prevention			
20	Performance and efficiency	Minimizes the network disruption by automatically detecting and disabling ports that experience link flap events.			
		Energy Efficient Ethernet (EEE)			
		Compliant with IEEE 802.3az standard requirements to save energy during periods of low data activity.			
		Auto-port shut down			
		The switch saves power by automatically shutting down power to inactive ports. Power is restored on a port upon link detection.			
		Energy savings status			
		The switch provides an estimated cumulative energy savings due to green Ethernet features being enabled.			
		Energy-efficient cooling			
		Includes variable speed fans operating only at the speed necessary to maintain operating temperature to reduce excess noise and power consumption.			
		Fan-less operation			

Item		PoE Switch		
Make			Data Submission (Y/N)	
Model			MAF Submission (Y/N)	
Bidder			Compliance	
		Fan-less design for 8-port models, 24-and 48-port non-PoE models, making the switches ideal for office deployments.		
21	Switching features	IEEE 802.3x Flow control		
		Provides a flow-throttling mechanism propagated through the network to prevent packet loss at a congested node.		
		Spanning Tree Protocol (STP)		
		Supports standard IEEE 802.1D STP, IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) for faster convergence, and IEEE 802.1s Multiple Spanning Tree Protocol (MSTP on local web).		
		Loop protection		
		If the switch detects a loop, it disables the source port from forwarding data packets originating from the switch to avoid broadcast storms.		
		BPDU Filtering		
		Drops BPDU packets when STP is enabled globally but disabled on a specific port.		
		Jumbo frame support		
		Supports up to 9216 bytes frame size to improve the performance of large data transfers.		
		IGMP Snooping v1/v2		
		Improves network performance through multicast filtering, instead of flooding traffic on all port.		
		Link aggregation		
Groups together multiple ports up to a maximum of eight (8) ports per trunk automatically using Link Aggregation Control Protocol (LACP), or manually, to form a high-bandwidth connection to the network backbone that helps prevent traffic bottlenecks.				

Item	PoE Switch			
Make			Data Submission (Y/N)	
Model			MAF Submission (Y/N)	
Bidder			Compliance	
		The 8-port models support 4 trunks, 24-port models support 8 trunks, and 48-port models support 16 trunks.		
		LLDP/LLDP-MED (Media Endpoint Discovery)		
		Defines a standard extension of LLDP that stores values for parameters such as QoS and VLAN for automatic configuration of network devices such as IP phones.		
		Address Resolution Protocol (ARP)		
		The ARP table displays all of the IP addresses that have been resolved to MAC addresses, either dynamically or through static entry configuration.		
22	Features accessed through local web-management interface	Static IPv4 routing		
		Supports manual routing configuration of up to 32 static routes.		
		Auto-voice VLAN		
		Recognizes IP phones and automatically assigns voice traffic to dedicated VLAN for IP phones.		
		PoE Scheduling		
		A PoE scheduler provides the ability to define the hours of PoE power being supplied to a group of switch ports based on a 24-hour day.		
		The scheduler enables the flexibility to select individual days of a week as well as recurrence on a weekly basis with a start and end date.		
		Access Control Lists (ACLs)		
		Enables network traffic filtering by creating an ACL, adds rules and matches criteria to an ACL, and applies the ACL to permit or deny on one or more interfaces or a VLAN. Supports 50 inbound IPv4 and MAC ACLs with up to 480 ACEs.		

Item	PoE Switch			
Make			Data Submission (Y/N)	
Model			MAF Submission (Y/N)	
Bidder			Compliance	
	IPv6 Host			
	Enables switches to be managed and deployed at the IPv6 network's edge.			
	Rate limiting			
	Sets and enforces per-port ingress traffic limits based on percentages or packets per second.			
	ARP Attack prevention			
	Dynamic ARP protection blocks ARP broadcasts from unauthorized hosts, preventing eavesdropping or theft of network data.			
	DHCP Snooping			
	Provides network security by filtering untrusted DHCP messages.			
	Port security			
	Ports in a port isolation group are restricted from forwarding Layer 2 traffic between ports in that group, providing data privacy and security.			
	SCP and TFTP file transfer			
	Provides different mechanisms for secure file transfer through SCP (Secure Copy Protocol) or TFTP.			
	Dual image support			
	Provide independent primary and secondary software images for backup while upgrading.			
	User account management			
	Password strength checking and aging feature provides enhanced security to user account administration to the local web management interface.			
Secure Sockets Layer (SSL)				
Encrypts all HTTP traffic, secures access to the local browser-based management of the switch.				
SNMPv1, v2c, and v3				

Item	PoE Switch				
Make			Data Submission (Y/N)		
Model			MAF Submission (Y/N)		
Bidder			Compliance		
		Facilitate management of the switch, as the device can be discovered and monitored from an SNMP management station.			
		Remote monitoring (RMON)			
		Remote monitoring (RMON) provides advanced monitoring and reporting capabilities for statistics, history, alarms and events.			
		RMON data is retrieved from the switch through a network management platform over SNMP.			
23	Warranty	3 years			
24	End of Life (EoL)	Should be valid for 3 years			
25	End of Support (EoS)	Should be valid for 5 years			

## 6. Over/Under Voltage Protection Device (OUVPD)

Item	Over/Under Voltage Protection Device with Surge Suppression				
Make			Data Submission (Y/N)		
Model			MAF Submission (Y/N)		
Bidder			Compliance		
Sl. No.	Technical Specification	Minimum Requirement	Fully Complied (Yes / No)	Partially Complied	Reason for Partial Compliance and effect on performance
1	Operating Voltage	50 – 500 V AC			
2	Operating Frequency	50/60 Hz			
3	Operating Temperature	0°C to 60°C			
4	Relative Humidity	Up to 95% non-condensing			
5	Current Rating	30A (Default, Customizable)			
6	Cut-off Voltage (Min)	160 V ± 5 V (Configurable)			
7	Cut-off Voltage (Max)	260 V ± 5 V (Configurable)			
8	Response Time	50 milliseconds			
9	Power ON Delay	5 seconds (Configurable)			
10	Surge Protection	Up to 4000 V (4 kV)			
11	LED Indicators	- GREEN: Stable Power - RED: Power Cut Off - GREEN (Blinking): Checking Power Status			
12	Certifications	CE			
13	Dimensions (W×D×H)	To be mentioned by the bidder			
14	Communication Interface	Wi-Fi			
15	Data Collection Intervals	- Mains ON – UPS OFF: every 15 mins to server (Configurable) - Mains OFF – UPS ON: every 5 mins to server (Configurable)			
16	Alerts	- Earthing Voltage: >5V - UPS Utilization Time - Power Outage Time			
17	Warranty	- 3 years			
18	End of Life (EoL)	- Should be valid for 3			

<b>Item</b>	<b>Over/Under Voltage Protection Device with Surge Suppression</b>				
Make			Data Submission (Y/N)		
Model			MAF Submission (Y/N)		
Bidder			Compliance		
<b>Sl. No.</b>	<b>Technical Specification</b>	<b>Minimum Requirement</b>	<b>Fully Complied (Yes / No)</b>	<b>Partially Complied</b>	<b>Reason for Partial Compliance and effect on performance</b>
		years			
19	End of Support (EoS)	- Should be valid for 5 years			

## 7. Wall Mount Cabinet

Item	Wall Mount Cabinet				
Make			Data Submission (Y/N)		
Model			MAF Submission (Y/N)		
Bidder			Compliance		
S.No	Technical Specification	Minimum Requirement	Fully Complied (Yes / No)	Partially Complied	Reason for Partial Compliance and effect on performance
1	Wall Mount Cabinet	Wall Mounted structure with locking facility			
2	Provision	The Wall Mount Cabinet should have provision to place UPS, Managed Router etc. at the point where termination of the Internet connection happens in the school.			
3	No. of keys	3 keys in each set Each set should be unique			

## 8. Internet Service

Item	Internet Service Provider				
Make			Data Submission (Y/N)		
Model			MAF Submission (Y/N)		
Bidder			Compliance		
S.No	Technical Specification	Minimum Requirement	Fully Complied (Yes / No)	Partially Complied	Reason for Partial Compliance and effect on performance
1	Type of Service	Internet Leased Line - Minimum of 10Mbps			
2	Types of Service providers	Government Service provider, Private Service provider			
3	License of Internet lease line (ILL)	Class A			
4	License of Lease Line (LL/PP)	National long Distance (NLD)			
5	Bandwidth Capacity ( In Mbps)	100			
6	DDOS with Internet Lease line Services	No			
7	Latency within India	Less than 60 ms			
8	Latency outside India	Less than 180 ms			
9	Packet Drop ( In percentage )	less than 1			
10	Type of Media	Radio Frequency (RF) / Fiber Optic / or any suitable media supporting required bandwidth and uptime and meeting SLA requirements			
11	Link Type( Manageability)	Managed			
12	Static IP required ( For ILL)	32			
13	Router/ Networking Accessories	To be mentioned			

## 9. Electrical Wiring and Modular Switches to be used for installation and setup

Item		Electrical Wiring and Modular Switches			
Make			Data Submission (Y/N)		
Model			MAF Submission (Y/N)		
Bidder			Compliance		
S.No	Technical Specification	Minimum Requirement	Fully Complied (Yes / No)	Partially Complied	Reason for Partial Compliance and effect on performance
1	Applicable Standards	- IS 694: PVC Insulated Cables for Working Voltages up to and including 1100 Volts			
		- IS 3854: Switches for domestic and similar purposes			
2	Operating Voltage	230 V AC, 50 Hz (Single Phase)			
		415 V AC, 50 Hz (Three Phase)			
3	Conductor Material	Annealed Bare Copper (electrolytic grade), multi-stranded, as per IS 8130			
4	Cable Insulation	PVC Type A (as per IS 5831), FRLS (Flame Retardant Low Smoke) optional			
5	Cable Size	- Lighting Circuit: 1.5 sq.mm (min)			
		- Power Circuit: 2.5 sq.mm or 4.0 sq.mm depending on load			
6	Current Carrying Capacity (depending on the requirement at the end point level)	- 0.5 sq.mm : ~3-6 A			
		- 0.75 sq.mm : ~6-9 A			
		- 1.0 sq.m : ~10-11 A			
		- 1.5 sq.mm: ~14-16 A			
		- 2.5 sq.mm: ~21-24 A			
		- 4.0 sq.mm: ~28-32 A			
7	Switch Type	Modular Switches, ISI marked, IS 3854 compliant			
8	Switch Rating	6 A, 10 A, 16 A, 20 A, and 32 A (as per usage)			
9	Switch Mechanism	Quick-make and quick-break mechanism with silver alloy			

Item	Electrical Wiring and Modular Switches				
Make			Data Submission (Y/N)		
Model			MAF Submission (Y/N)		
Bidder			Compliance		
S.No	Technical Specification	Minimum Requirement	Fully Complied (Yes / No)	Partially Complied	Reason for Partial Compliance and effect on performance
		contact points			
10	Mounting Type	Flush mounted in suitable concealed MS or PVC boxes			
11	IP Rating (if required)	IP20 (Indoor) / IP65 (Outdoor or Wet Areas)			
12	Flame Retardant Property	Wiring should comply with FRLS standards (Flame Retardant, Low Smoke, Halogen Free – optional for public buildings)			
13	Wire Color Coding	- Phase: Red/Yellow/Blue			
		- Neutral: Black			
		- Earth: Green			
14	Earthing Conductor	Minimum 1.0 sq.mm Green PVC insulated copper conductor or based on the requirement.			
15	Installation Guidelines	- Concealed wiring in PVC conduits (IS 9537 Part 3)			
		- Proper circuit protection with MCBs			
		- Voltage drop not exceeding 2%			
16	Ambient Operating Temperature	0°C to 45°C			
17	Relative Humidity	0% to 95% non-condensing			
18	Certifications	ISI Marked (BIS certified)			
19	Indicators (Optional)	- Neon or LED indicators in switch plates for ON/OFF status (optional)			

**10. Networking equipment / wiring specification for setup at the end points**

Item		Structured CAT6/CAT6A Network Cabling with Conduit			
Make		Data Submission (Y/N)	Make		
Model		MAF Submission (Y/N)	Model		
Bidder		Compliance			
S.No	Technical Specification	Minimum Requirement	Fully Complied (Yes / No)	Partially Complied	Reason for Partial Compliance and effect on performance
1	Applicable Standards	- ANSI/TIA-568-C.2			
		- ISO/IEC 11801			
		- IS 694 for PVC Insulated Wires			
2	Cable Type	Unshielded Twisted Pair (UTP), CAT6 / CAT6A, solid copper conductor, 23 AWG			
3	Conductor Material	100% Electrolytic Bare Copper			
4	Insulation Type	HDPE (High-Density Polyethylene) with PVC outer jacket			
5	Cable Jacket Rating	LSZH (Low Smoke Zero Halogen) or FRLSH (Flame Retardant Low Smoke Halogen free)			
6	Bandwidth	- CAT6: Up to 250 MHz			
		- CAT6A: Up to 500 MHz			
7	Data Rate Support	- CAT6: Up to 1 Gbps up to 100 meters			
		- CAT6A: Up to 10 Gbps up to 100 meters			
8	Installation Medium	Through ISI-marked Heavy Duty PVC Conduits (IS 9537 Part 3 compliant)			
9	Conduit Size	Minimum 25 mm diameter for single line; larger sizes as per cable bundle and bend radius			
10	Laying Method	Concealed or surface mounted as per site conditions with proper saddling/clamping at every 600 mm			
11	Minimum Bending	4 × Cable Outer Diameter			

Item	Structured CAT6/CAT6A Network Cabling with Conduit				
Make			Data Submission (Y/N)		Make
Model			MAF Submission (Y/N)		Model
Bidder			Compliance		
S.No	Technical Specification	Minimum Requirement	Fully Complied (Yes / No)	Partially Complied	Reason for Partial Compliance and effect on performance
	Radius				
12	Pulling Tension Limit	As per manufacturer specs (typically not exceeding 110 N for CAT6)			
13	Testing & Certification	- Channel and Link testing using Fluke DTX/DSX Cable Analyzer			
		- Pass Category 6/6A certification tests			
14	Connector Type	RJ45, 8P8C, Gold-plated contacts, TIA/EIA 568B standard			
15	Patch Panels & I/O	- CAT6 / CAT6A Patch Panels, Keystone Jacks, Faceplates with back box			
		- Snap-fit modular type			
16	Earthing	All metallic parts of racks and conduits (if any) should be properly earthed			
17	Length per Segment	Not to exceed 90 meters for permanent link and 100 meters including patch cords			
18	Color Coding	Standard TIA/EIA 568B wiring color scheme			
19	Environment Suitability	- Indoor: Plenum rated (CMP) or LSZH			
		- Outdoor (if applicable): Armored CAT6 cable with UV protection			
20	Ambient Operating Temperature	0°C to 60°C			
21	Relative Humidity	0% to 95% non-condensing			

## 11. Earthing

Item		Earthing Value			
Make			Data Submission (Y/N)		Make
Model			MAF Submission (Y/N)		Model
Bidder			Compliance		
S.No	Technical Specification	Minimum Requirement	Fully Complied (Yes / No)	Partially Complied	Reason for Partial Compliance and effect on performance
1	Earthing value	Earthing (E/N≤3V)			
2	Earthing Electrode	Earthing Electrode 17.2/2 MTPCBR			
3	Length of Earthing Electrode	Length: 2 meters			
4	Terminal Size	To be specified by the tenderer			
5	Inner strip	Material & Dimensions to be specified by the tenderer			
6	Outer Pipe	Diameter to be specified by the tenderer			
7	Thickness (THK)	250 Microns			
8	Material	Copper or equivalent			
9	Chemical composition	Maintenance-free chemical earthing			
10	Chemical / Equivalent material type	Silica-Based Maintenance-Free Chemical or equivalent material to achieve the value of E/N≤3V			
11	Material weight	- 25 Kgs or above to achieve the value of E/N≤3V			
12	Standards	Must meet industry standards for corrosion resistance and long-term performance			
13	Earth Pit Cover	Polyplastic Square or equivalent			

<b>Item</b>	<b>Earthing Value</b>				
Make				Data Submission (Y/N)	Make
Model				MAF Submission (Y/N)	Model
Bidder				Compliance	
<b>S.No</b>	<b>Technical Specification</b>	<b>Minimum Requirement</b>	<b>Fully Complied (Yes / No)</b>	<b>Partially Complied</b>	<b>Reason for Partial Compliance and effect on performance</b>
14	Feature	Earth Pit Cover designed to eliminate civil work or equivalent industry standard practice			
15	Other features of Pit cover	- UV-resistant and weatherproof - Easy installation and maintenance-free			

### Annexure-4: Pre-Bid Queries Format

(To be filled by the Bidder)

Name of the Company/Firm:

---

---

Bidding document Fee Receipt No \_\_\_\_\_

Person(s) Representing the Company/ Firm:

Name of the 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:  
(MS-Excel Sheet Format)

Sl.No	Bidder Name	RFP Chapter No.	RFP Clause No.	RFP Page No.	Clause Details as per RFP	Query/Clarification/ Suggestion

**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 bid document fee. Also, the bidders having purchased the RFP document will be allowed to participate in pre-bid conference meetings and their queries will be entertained and responded to. Also, the softcopy of the queries **(only in MS-Excel Sheet format)** should also be submitted through e-mail at **gm.ocac@odisha.gov.in, jayashree.mishra@odisha.gov.in, smruti.mishra@odisha.gov.in & chandan.pradhan@semt.gov.in** as per the schedule date & time mentioned in the RFP.

**Annexure-5: Bidder's Authorization Certificate**

(To be filled by the Bidder)

To,

The General Manager (Admn.)

Odisha Computer Application Centre (OCAC)

OCAC Building, Plot No.-N-1/7-D, Acharya Vihar Square, RRL Post Office, Bhubaneswar-751013 (INDIA)

I/ We {Name/ Designation} hereby declare/ certify that {Name/ Designation} is hereby authorized to sign relevant documents on behalf of the company/ firm in dealing with RFP reference No. OCAC-SEGP-INFRA-0036-2022, Dated 01-09-2025. He/ She is also authorized to attend meetings & submit technical & commercial information/ clarifications as may be required by you in the course of processing the Bid. For the purpose of validation, his/ her verified signatures are as under.

Thanking you,

Name of the Bidder:

Verified Signature

Authorized Signatory: - Seal of the Organization: - Date: Place:

## Annexure-6: Bank Guarantee Format

(To be signed by bank and submitted by Bidder)

**RFP REF:** OCAC-SEGP-INFRA-0036-2022

**To,**

The General Manager (Admn.)  
Odisha Computer Application Centre (OCAC)  
OCAC Building, Plot No.-N-1/7-D, Acharya Vihar Square, RRL Post Office, Bhubaneswar-751013 (INDIA)

Whereas <<Name of the bidder>> (hereinafter called 'the Bidder') has submitted the bid for Submission of RFP Ref. No. OCAC-SEGP-INFRA-0037-2023-23058, Dated 05-10- 2023 for Selection of System Integrator for Design, Supply, Installation, Testing & Commissioning of Campus WiFi with Internet access for Odisha Adarsha Vidyalaya Sangathan (OAVS) schools across Odisha on Build Own Operate and Transfer (BOOT) Model for five years (hereinafter called "the Bid") to OCAC Know all Men by these presents that we <<Name of the Bidder>> having our office at <<Address>> (hereinafter called "the Bank") are bound unto the <<Nodal Agency>> (hereinafter called "the Purchaser") in the sum of Rs. <<Amount in figures>> (Rupees <<Amount in words>> only) for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this <<Date>>

The conditions of this obligation are:

1. If the Bidder having its bid withdrawn during the period of bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of validity of bid
  - a) Withdraws his participation from the bid during the period of validity of bid document;Or
  - b) Fails or refuses to participate in the subsequent RFP process after having been shortlisted;

We undertake to pay to the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the RFP occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to <<insert date>> and including <<extra time over and above mandated in the RFP>> from the last date of submission and any demand in respect thereof should reach the Bank not later than the above date.

NOTWITHSTANDING ANYTHING CONTAINED HEREIN:

I. Our liability under this Bank Guarantee shall not exceed Rs.

<<Amount in figures>> (Rupees <<Amount in words>> only) II. This Bank Guarantee shall be valid up to <<insert date>>)

III. It is a 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 date>>) failing which our liability under the guarantee will automatically cease.

(Authorized Signatory of the Bank) Seal:

Date:

### Annexure-7: RFP Form

(To be filled by the Bidder)

<b>Name of the Tendering Authority</b>	The General Manager (Admin.)
<b>Address</b>	Odisha Computer Application Centre (OCAC) OCAC Building, Plot No.-N-1/7-D, Acharya Vihar Square, RRL Post Office, Bhubaneswar-751013 (INDIA)
<b>Telephone</b>	
<b>Tele Fax</b>	
<b>Email</b>	

#### 2) Firm Details:

<b>Name of Firm</b>				
<b>Name of CMD of the firm with email id,contact number</b>				
<b>Name of Contact Person with Designation</b>				
<b>Registered Office Address</b>				
<b>Address of the Firm</b>				
<b>Year of Establishment</b>				
<b>Type of Firm Put Tick (✓) mark</b>	Public Limited	Private Limited	Partnership	Proprietary
<b>Telephone Number(s)</b>				
<b>Email Address/ Website</b>	Email:		Web-Site:	
<b>Fax No.</b>				
<b>Mobile Number</b>	Mobile:			
<b>Certification/Accreditation/Affiliation,if Any</b>				

3) The requisite tender fee amounting to Rs. \_\_\_/- (Rupees <in words>) has been deposited vide DD/BC/receipt no. \_\_\_\_\_ Dated \_\_\_\_\_.

4) We agree to abide by all the terms and conditions mentioned in this form issued by the Empanelment Authority and also the further conditions of the said notice given in the attached sheets (all the pages of which have been signed by us in token of acceptance of the terms

mentioned therein along with stamp of the firm).

Date:

Name & Seal of the firm: \_\_\_\_\_

Authorized Signatory: \_\_\_\_\_

## Annexure-8: Covering Letter - Technical Bid

(To be filled by the bidder and signed in Company Letter Head)

To

The General Manager (Admin) Odisha Computer Application Centre  
(Technical Directorate of I.T. Dep't, Govt. of Odisha) N-1/7-D, Acharya Vihar, P.O. - RRL,  
Bhubaneswar -  
751013

**Subject:** Technical Proposal for Selection of System Integrator for Design, Supply, Installation, Testing & Commissioning of Campus WiFi with Internet access for Odisha Adarsha Vidyalaya Sangathan (OAVS) schools across Odisha on Build Own Operate and Transfer (BOOT) Model for five years

RFP Ref.No- OCAC-SEGP-INFRA-0036-2022, Dated 01-09-2025

Sir/Madam,

We, the undersigned, offer to provide our services against your RFP enquiry no. <Insert RFP no> dated <insert date>. We are hereby submitting our Proposal, which includes this Technical Bid sealed in the envelope.

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

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

We agree that you are not bound to accept the lowest or any bid response you may receive. We also agree that you reserve the right in absolute sense to reject all or any of the products / services specified in the bid response without assigning any reason whatsoever.

It is hereby confirmed that I/We are entitled to act on behalf of our corporation/company /firm/organization and empowered to sign this document as well as such other documents which may be required in this connection.

Yours sincerely,

Authorized Signature [*In full and initials*]: \_\_\_\_\_ Name an

**Annexure-9: Manufacturer's Authorization Form (MAF)**

Letter No. \_\_\_\_\_

To

The General Manager (Admin.) Odisha Computer Application Centre  
Plot No. - N-1/7-D, Acharya Vihar P.O. - RRL, Bhubaneswar – 751013

Sub: OEM **Authorization Letter RFP Ref No:** OCAC-SEGP-INFRA-0036-2022, Dated 01-09-2025

Sir / Madam,

We, (Name of OEM or the authorized partner of the OEM in case the OEM has no authorized office in India), having its registered office at (Address of OEM or the authorized partner of the OEM in case the OEM has no authorized office in India), who are established and reputable manufacturers / producers do hereby authorize M/s (Name and address of bidder) to submit, quote, negotiate and supply of against the above Bid Invitation.

The standard service warranty shall be applicable for the products offered as per OEM standard policy. This MAF authorization shall be valid for

Yours faithfully, (Name)  
(Name of Producers/Manufacturer/Authorised Partner)

Note: This letter of authority should be on the letterhead of the manufacturer /authorised partner and should be signed by a person duly authorized in a power of attorney . The Bidder in its Bid should include it.

## **Annexure-10: Financial Bid Cover Letter and Format**

(To be filled by the bidder and signed in Company Letter Head)

To

The General Manager (Admin)  
Odisha Computer Application Centre  
(Technical Directorate of I.T. Dep<sup>t</sup>, Govt. of Odisha) N- 1/7-D, Acharya Vihar P.O. - RRL,  
Bhubaneswar – 751013

Date:

**Subject:** Submission of the financial bid for Selection of System Integrator for Design, Supply, Installation, Testing & Commissioning of Campus WiFi with Internet access for Odisha Adarsha Vidyalaya Sangathan (OAVS) schools across Odisha on Build Own Operate and Transfer (BOOT) Model for five years

Dear Sir/Madam,

We, the undersigned, offer to Selection of System Integrator for Design, Supply, Installation, Testing & Commissioning of Campus WiFi with Internet access for Odisha Adarsha Vidyalaya Sangathan (OAVS) schools across Odisha on Build Own Operate and Transfer (BOOT) Model for five years vide RFP.No. OCAC-SEGP-INFRA-0037-2023-23058, Dated 05-10-2023 and our Proposal (Pre-qualification, Technical and Financial Proposals). Our attached Financial Proposal is for the sum of <<Amount in words and figures>>inclusive of taxes and duties.

### **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 the date of opening of the Bid. Subject to further extended period as mutually agreed upon.

We hereby confirm that our prices do not include any taxes and duties.

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 Odisha

Computer Application Centre (OCAC) 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 the 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, Yours sincerely,

Authorized Signature: Name and Title of Signatory: Name of Firm: Address

**Annexure-11: Commercial Bid - Item Wise Price Schedule**

**Table-I**

Description	Unit Cost A	GST B	Total C = A+B
Supply, Installation Testing and Commissioning of Campus WiFi Solution including hardware and 3 years of internet connection (10mbps) for one school			
For 315 Schools (Cx315)			
Total Cost In Words			
AMC + Internet for 4th Year for one school			
AMC + Internet for 5th Year for one school			

**Table-II**

Description	Unit Cost A	GST B	Total C = A+B
Campus WiFi Solution including hardware and 1 years of internet connection (20mbps) for one school			

**Authorized Signatory with Official Seal**

**NOTE: -**

- All the above prices would be INR only..
- The bidder has to compulsorily quote for all items mentioned in the Commercial-bid Tables. In case the bidder fails to quote for any of this stage, the bid would be summarily rejected.
- No Component of Financial bid should have "ZERO" value.
- Above is indicative, however the quantity may increase or decrease at the time of placing the purchase order as per actual.
- The Tax rates will be mentioned as per standards.

**Annexure-12: Financial Capabilities**  
*(To be filled by the Bidder)*

<b>Turnover (Rs. In Crores)</b>		
<b>2021-2022</b>	<b>2022-2023</b>	<b>2023-2024</b>
<b>Net worth (Rs. In Crore)</b>		
<b>2021-2022</b>	<b>2022-2023</b>	<b>2023-2024</b>

**Annexure-13: Self-Declaration**

*(Non-blacklisted in company Letter Head)*

To

The General Manager (Admin) Odisha Computer Application Centre  
(Technical Directorate of I.T. Dep't, Govt. of Odisha) N- 1/7-D, Acharya Vihar P.O. - RRL,  
Bhubaneswar - 751013

Sir,

In response to the RFP Enq. OCAC-SEGP-INFRA-0036-2022, Dated 01-09-2025 for RFP titled  
As an owner/ partner/ Director of (organization name), I/We hereby  
declare that presently our Company/ firm is not under declaration of  
blacklisting/banned/debarred for corrupt & fraudulent practices by any State/ Central  
government/PSU.

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,

Signature  
(Authorised Signatory)

Seal:  
Date:  
Place:  
Name of the Bidder:

**Annexure-14: Project Citation Format**  
*(To be filled by the Bidder)*

<b>Relevant IT Project Experience</b>	
<b>General Information</b>	
Name of the project	
Client for which the project was executed	
Name and contact details of the client	
<b>Project Details</b>	
Description of the project	
Scope of services	
<b>Other Details</b>	
Total cost of the project	
Duration of the project (no. of months, start date, completion date, current status)	

**Annexure-15: Project References for Experience of Bidder**

(Indicative Format, to be filled by Bidder & submitted in Company Letter Head)

Sl. No.	Name of Customer :	Contact person Name	Phone, fax and e-mail of customer	Project Location:	Name of the Project with Brief	Year		
						2021-22	2022-23	2023-24
1								
2								
3								

**Note:** Please attach the copy of the work order/ completion certificate/ purchase order/ letter from the customer for each project reference. Add additional columns for the years based on the eligibility criteria.

**Annexure-16: Details of documents to be submitted by the Bidder**

S I . N o .	Documents to be submitted		
	Pre-Qualification bid	Technical Bid	Financial Bid
1	Particulars of the Bidder <b>(Annexure-1)</b>	Detail Bill of Quantity (BOQ) as per the components mentioned <b>(Annexure-2)</b>	Financial Bid Cover letter and Format <b>(Annexure -10)</b>
2	Bidder's Authorization Certificate <b>(Annexure-5)</b>	Technical Specification Compliance Documents with all supporting details <b>(Annexure-3)</b>	Commercial Bid <b>(Annexure -11)</b>
3	RFP Form <b>(Annexure- 7)</b>	Technical Bid Covering Letter <b>(Annexure-8)</b>	
4	MAF <b>(Annexure- 9)</b>		
5	Audited Balance Sheets		
6	CA Certificate with CA's Registration Number & Seal <b>(Annexure-12)</b>		
7	Self -Declaration Non-blacklisted <b>(Annexure- 13)</b>		
8	Project Citation Format <b>(Annexure- 14)</b>		
9	Project References for Experience of Bidder <b>(Annexure- 15)</b>		
10	a. Valid copy of Certificate of incorporation and Registration Certificates b. Copy of GST registration. c. Copies of relevant Certificates of Registration, Income Tax/ PAN Number from the respective Government Department.		
11	Valid Copy of Bidder ISO Certificates & OEM Credential Documents		

1 2	Relevant Documents supporting Office Addresses /Undertaking. (Local presence)		
1 3	<b>EMD &amp; RFP document fee</b> as mentioned in the Eligibility/Pre-qualification Criteria of the RFP		

**Annexure-17: List of schools**

S No	UDISE No	School Name	Address	Pincode
1	21210902703	OAV DHOBATOTA	AT- Dhobatota, PO- Katringia PS- Gochhapada Block-Phulbani Dist Kandhamal Pin-762002	762002
2	21070514802	OAV GARUDABASA	OAV Garudabasa, At- Garudabasa, PO- Tarakothi, Via- B. Sathilo, Dist- Mayurbhanj, Odisha - 757100	757100
3	21171007602	OAV ADIPADA	AT - ADIPADA, PO - KUHURI, PS - TANGI, DIST- KHURDA, STATE - ODISHA , PIN - 752027	752027
4	21050300903	OAV MAHIPANI	AT- MAHIPANI, PO-BHALULATA, PS- BISRA, PIN-770036, DIST- SUNDARGARH	770036
5	21160619184	OAV NUAGAON	AT- NUAGAON HIGH SCHOOL, PO- NUAGAON, DIST.- NAYAGARH, PIN-752089	752089
6	21150305205	OAV SHANTRI	OAV Shantri, AT/Po- Garhsantri, PS- Banarpal. BLOCK- Banarpal. Dist- Angul. 759128	759128
7	21071311504	OAV LAKHMANSAHI	ODISHA ADARSHA VIDYALAYA, AT/PO- LAXMANSАHI, VIA- DUKURA,ODISHA,MAYURBHАNJ, 757075	757075
8	21190110308	OAV NIMINA	AT / PO - NIMINA, PS - GANGAPUR, DIST - GANJAM, ODISHA.	DISHA.
9	21211300482	OAV G.UDAYAGIRI	AT/PO- G.UDAYAGIRI PS- G.UDAYAGIRI DIST- KANDHAMAL STATE- ODISHA PIN- 762100	762100
10	21010803202	OAV GAISILET	AT- GAISILAT, PO- GAISILAT, DIST- BARGARH, PIN- 768036 (ODISHA)	DISHa)
11	21110508306	OAV AGAPAL	At- Agapal, Po- Pankapal, Via- Rahama, Dist- Jagatsinghpur, Pin- 754140	754140
12	21110608552	OAV DAHIPAL	AT- DAHIPAL, PO- NANDIGRAM , PS- NAUGAON , PIN- 754113	754113
13	21250200604	OAV BADI	AT/PO-BADI, PS-KHARIAR, DIST- NUAPADA, PIN-766107	766107
14	21010403104	OAV BARPALI	ODISHA ADARSHA VIDYALAYA , BARPALI AT- TINGIPALI, PO- KHEMESARA, PS- BARPALI PIN- 768029	768029
15	21121100682	OAV KULAGAINSALO	At- Kulagainsalo, PO- Asureswar, Block- Nischintakoili, Dist- Cuttack, PIN-754209	754209
16	21240504702	OAV CHANDRAPUR	AT- CHANDRAPUR, PO- JARASINGHA, BLOCK- DEOGAON, DIST- BOLANGIR, STATE- ODISHA , PIN- 767067	767067
17	21090412252	OAV PALASGADIA	At- Palasagadia, Po- Begana, Via/Block- Bonth, Diast- Bhadrak, Odisha, Pin- 756114	756114
18	21140606005	OAV KANDHARA	AT-KANDHARA, PO-KANDHARA, PS- KANKADAHAD, BLOCK-KANKADAHAD, DIST-DHENKANAL, PIN-759028, ODISHA	ODISHA
19	21150100153	OAV KHANDAHATA	AT/PO-KHANDAHATA,PS-ANGUL,DIST- ANGUL,PIN-759132	759132

S No	UDISE No	School Name	Address	Pincode
20	21260305473	OAV GOLAMUNDA	AT/PO-GOLAMUNDA VIA-DHARMAGARH DIST-KALAHANDI PIN-766016 ODISHA	ODISHA
21	21100705182	OAV BANTO	AT- BANTO PO- CHANDAN NAGAR VIA - ALVA PS- PATTAMUNDAI DIST- KENDRAPARA PIN - 754217	754217
22	21250303905	OAV JHAGRAHI	At/Po- Jhagrahi, PS- Komna, Dist- Nuapada, Pin-766106	766106
23	21140714503	OAV ANKARANTIPUR	AT- ANKARANTIPUR PO- SIMINAI BLOCK- ODAPADA DIST- DHENKANAL STATE- ODISHA PIN- 759025	759025
24	21151100104	OAV MAHUPAL	At-Mahulapal,PO-Talcher Town ,PS-Talcher Town, Block-taTalcher, District Angul, State- Odisha, PIN-759107	759107
25	21150212102	OAV BANMALIPUR	AT- Banamalipur, Post- Krutibasapur,PS- Thakurgarh,Dist- Angul-759125	759125
26	21141000804	OAV MAHISHPAT	AT-MAHISAPAT, PO-MAHISAPAT, BLOCK- DHENKANAL MUNICIPALITY CITY/DIST- DHENKANAL PIN - 759013	759013
27	21170706205	OAV GAINAPADA	At-Gainada Po-Hatabaradihi Via-Kuhudi Khordha,752027	752027
28	21241307204	OAV KURSUD	At/Po- Kursud, Via- Sindhekela, Dist- Balangir, State- Odisha, PIN-767035	767035
29	21070905202	OAV PASNA	AT/PO- PASNA, BLOCK/PS- JAMDA, DIST- MAYURBHANJ, PIN- 757045	757045
30	21141201303	OAV NIJIGARH	Odisha Adarsha Vidyalaya , Nijigarh At- Rajmohanpur PO/PS- Hindol Dist- Dhenkanal Pin- 759022	759022
31	21160810802	OAV BALARAMPUR	ODISHA ADARSHA VIDYALA BALARAMPUR,AT- SANAGARH, NEAR RANPUR FIRE STATION, PO/BLOCK- RANPUR,DISTRICT- NAYAGARH ODISHA, PIN-752026	752026
32	21071700402	OAV SANMOUDA	At: Sanmouda, Po: Badmouda, Via: Gorumahisani, Block: Rairangpur, Dist: Mayurbhanj, Odisha: 757042	757042
33	21081105202	OAV DAKHINAODA	AT-Rampo, PO-Markona, PS-Simulia, Dist- Balasore, Pin-756126	756126
34	21230701082	OAV BINIKA	ODISHA ADARSHA VIDYALAYA, BINIKA AT- BINIKA, NEAR PAPAESHYA GHAT PO- BINIKA BLOCK- BINIKA, DIST- SUBARNAPUR PIN- 767019 (ODISHA)	DISHA)
35	21191802909	OAV BHATAKUMARADA	AT/PO- BHATAKUMARADA BLOCK- PURUSHOTTAMPUR DIST- GANJAM PIN- 761003	761003
36	21160901101	OAV TARANDO	At-By-pass Road, Po-Khandapada, Dist-	752077

S No	UDISE No	School Name	Address	Pincode
			Nayagarh, Pin-752077	
37	21191903003	OAV KARAPALLI	AT-KARAPALLI,PO-NARAYANPUR,BLOCK-RANGEILUNDA,DIST-GANJAM-761002	761002
38	21270825002	OAV JUMURUGUDA	AT-JAMARAGUDA,PO-M.PATRAGUDA,PS-MUNIGUDA,DIST-RAYAGADA,ODISHA-765020	765020
39	21200300107	OAV ALLADA	AT / PO ALLADA, BLOCK KASHINAGAR, DIST-GAJAPATI ODISHA -761206	761206
40	21121400152	OAV ACHALKOT	OAV ACHALKOT TIGIRIA 754030 CUTTACK	UTTACK
41	21052101372	OAV TALSANKARA	AT- TALSANKARA, PO- SANKARA, PS-TOWN PS, DIST- SUNDARGARH, PIN-770020	770020
42	21080331173	OAV VELLORA	AT/PO- VELLORA PS- BASTA DIST- BALASORE PIN- 756030	756030
43	21010100172	OAV AMBABHONA	At-Odisha Adarsha Vidyalaya, Ambabhona Po/Ps-Ambabhona District-Bargarh State-Odisha 768031	768031
44	21150621552	OAV RANIAKATA	AT/PO- RANIAKATA KISHORENAGAR ANGUL 759126	759126
45	21131010459	OAV MADHAPUR	AT- MADHAPUR, PO/ PS- SUKINDA, DIST-JAJPUR, PIN 755018	755018
46	21140508203	OAV JANTARIBOL	OAV, JANTARIBOL AT- JANTARIBOL POST- KANAPURA PS- KAMAKHYANAGAR DIST- DHENKANAL PIN- 759018	759018
47	21080708872	OAV JAMUDIHA	AT/PO- JAMUDIHA, VIA- SAJANAGARH, BLOCK- NILGIRI, DIST- BALASORE, PIN-756041	756041
48	21070300707	OAV BADSAHI	AT/PO/PS- BADSAHI, DIST.- MAYURBHANJ, ODISHA-757026	757026
49	21260901802	OAV BONGOMUNDA	AT- BANGOMUNDA PO- GAMBHARIGUDA VIA- KOKSARA DIST- KALAHANDI PIN - 764036	764036
50	21180706753	OAV MALUD	at/po-malud block-krushnaprasad dist-puri 752030	752030
51	21270616706	OAV KASHIPUR	At-ODISHA ADARSHA VIDYALAYA KASHIPUR PO- KASHIPUR BLOCK-KASHIPUR RAYAGADA, ODISHA	765015

S No	UDISE No	School Name	Address	Pincode
			765015	
52	21191203852	OAV JAMAGARADA	AT- JAMAGORADA, PO- JHADABHUMI, VIA-BARAGAM, PS- JAGANNATHPRASAD, DIST-GANJAM, ODISHA PIN-761120	761120
53	21300404302	OAV GUNDURIGUDA	AT- GUNDURIGUDA, PO-KUDUMULUGUMMA, PS- ORKEL, DIST-MALKANGIRI, ODISHA PIN CODE- 764046	764046
54	21290410006	OAV PARAJAPUKI	Odisha Adarsha Vidyalaya Parajapuki At - Parajapuki, Po - Gadiaguda Via - Laxmipur, Block - Dasamatpur P.s - Koraput sadar Dist - Koraput, Pin - 765013	765013
55	21270206709	OAV CHANDRAPUR	At/PO-Chandrapur Dist-Rayagada Odisha PIN-765020	765020
56	21180902952	OAV GOBINDAPUR	AT/PO-GOBINDAPUR, BLOCK:PIPILI, DIST:PURI, PIN:752104	752104
57	21050408902	OAV BABUNUAGAON	Odisha Adarsha Vidyalaya Babunuagaon AT-BABUNUAGAON,PO-KENDRIKELA,PS-BONAIGARH,DIST-SUNDARGARH, PIN-770038, ODISHA	ODISHA
58	21120801903	OAV KAUDUKOLA	AT - KAUDUKOLA, OSANGA PO/PS - MAHANGA DIST - CUTTACK PIN - 754206	754206
59	21240804082	OAV JHARMUNDA	At-OAV Jharmunda Po-Pardhiapali Via-Loisingha Dist-Balangir PIN Code-767020	767020
60	21290917702	OAV MESSINGPUT	ODISHA ADARSHA VIDYALAYA AT-MESSINGPUT, PO-TUSUBA, PS-MACHHKUND, BLOCK - LAMTAPUT, DIST-KORAPUT, PIN-764081	764081
61	21281201382	OAV BANGARIPADA	AT- DONGRIGUDA PO-UMERKOTE PS-UMERKOTE NABARANGPUR 764073	764073
62	21211221072	OAV JALESPATTA	AT- JALESHPATTA, PO- TUMUDIBANDHA, P.S- TUMUDIBANDHA, DIST- KANDHAMAL, PIN- 762107	762107
63	21051707307	OAV UJALPUR	AT/PO-UJALPUR DIST-SUNDARGARH PIN-770011	770011
64	21170303101	OAV BHATAPADA	AT- BHATAPADA PO-GAMBHARIMUNDA PS- BANPUR PIN- 752035 KHORDHA	HORDHA
65	21121004702	OAV TOLA GOPINATHPUR	At- Niali High School Po- Niali (Pubakhand) Dist- Cuttack	754004

S No	UDISE No	School Name	Address	Pincode
			Pin- 754004	
66	21180807855	OAV HANSAPADA	AT- HANSAPADA, PO- CHANARAPADA, PS-NIMAPARA, DIST-PURI, PIN-752105	752105
67	21121310783	OAV KANDARKANA	At-Kandarkana Block-Tangi/Chowdwar Dist-Cuttack	uttack
68	21180608104	OAV JAMLAGADA	AT-JAMALAGODA,PO/PS-GADISAGODA,VIA-KANAS,DIST-PURI,PIN-752017	752017
69	21210705109	OAV NUAGAON	ODISHA ADARSHA VIDYALAYA , KOTAGARH , KANDHAMAL COLONY SAHI , KOTAGARH , NEAR SANTHA ASHARAM COLLEGE ODISHA , 762105	762105
70	21210305582	OAV DARINGBADI	At/Po- Daringbadi Near coffee Garden Ps- Daringbadi Dist-Kandhamal Odisha Pin-762104	762104
71	21130804803	OAV BEGANA	At-Begana Po-Dhaneswar Ps-Korai Dist-Jajpur Odisha Pin-755022	755022
72	21070202402	OAV JAMDAPAL	AT-JAMDAPAL, POST-BANAKATI, PS-BANGRIPOSI, DIST-MAYURBHANJ, PIN-757032	757032
73	21300205503	OAV PODAGHAT	At-Po -Podaghat , Khairput, malkangir,764046	764046
74	21100109586	OAV BELESWARPUR	AT-Nial PO-Nial Block- Aul Dist-Kendrapara Odisha 754219	754219
75	21240705405	OAV KHAPRAKHOL	AT/PO/BLOCK- KHAPRAKHOL, DIST-BALANGIR, ODISHA, PIN- 767028	767028
76	21190804502	OAV KUSAGUMA	ODISHA ADARSHA VIDYALAYA ,KUSAGUMA (DAKIBAJA) AT-KUSAGUMA PO- JANIBILLI PS-BADAGADA DIST- GANJAM PIN-761107	761107
77	21241212403	OAV BIBINA	ODISHA ADARSHA VIDYALAYA, BIBINA, PO/PS-SAINTALA, DIST-BALANGIR, PIN-767032	767032
78	21130905853	OAV RASULPUR	At-Belapada,P.O-Kalan, block-Rasulpur, Dist-Jajpur, Pin-755008	755008
79	21070712702	OAV JAMIRDIHA	At-Jamirdiha, Po-Kundulia, Ps-Bisoi, Dist - Mayurbhanj, Odisha, Pin-757033	757033
80	21191302804	OAV KABISURYANAGAR	AT- BADAAGULA, KABISURYANAGAR, DIST-GANJAM, ODISHA, 761104	761104
81	21120504704	OAV SRIRAM	AT-SRIRAM, PO-DADHIBAMANPUR P.S-BENTKAR,DIS-CUTTACK PIN-754112	754112

S No	UDISE No	School Name	Address	Pincode
82	21050106303	OAV TALASARA	AT/PO TALSARA BLOCK-BALISANKARA PS-TALSARA DIST-SUNDARGARH ODISHA PIN-770074	770074
83	21290202905	OAV GUMMA	At-Chandrapada Po-Mahuli PS-Boipariguda Dist-Koraput State-Odisha Pin Code- 764043	764043
84	21170101972	OAV BENTAPUR	AT-BENTAPUR, PO-BRAHMANSARANGI, BLOCK- BALIANTA, DIST- KHORDHA, PIN-752102	752102
85	21050900772	OAV BUDAKATA	AT- BUDAKATA PO-BIRINGATOLI PS-KUTRA DIST-SUNDERGARH ODISHA PIN-770018	770018
86	21050505510	OAV GURUNDIA	AT/PO/PS-GURUNDIA DIST-SUNDARGARH PIN-770043	770043
87	21081018352	OAV HINJALA	AT- Hinjala, Po- OlandaSargaon, Dist- Balasore, Pin- 756027	756027
88	21250402002	OAV NEGIPALLI	AT- NEGIPALI PO- BISORA DIST- NUAPADA PIN-766104	766104
89	21250108404	OAV KESHRAJAPUR	At-Keshrajpur Po-Khaira Ps-Boden Dist-Nuapada PIN-766111	766111
90	21130718402	OAV JAMDHAR	AT-JAMDHAR, PO-REKABI BAZAR, NEAR PANCHAYAT HIGH SCHOOL, BARUAN, DIST-JAJPUR, PIN-755009	755009
91	21260408303	OAV CHANCHARAPADA	At-Chancharapada Po-Badkarlakot ps-jaipatna Dist-Kalahandi Odisha Pin-766018	766018
92	21030710402	OAV PENTHABAHAL	AT-PENTHABAHAL PO-NAKTIDEUL BLOCK-NAKTIDEUL DIST-SAMBALPUR PIN-768118	768118
93	21190922605	OAV SIDHESWAR	odisha adarsha vidyalaya, sidheswar, digapahandi, ganjam, pin- 761054	761054
94	21030204023	OAV BADSINGHARI	Goshala, Kalamati, Dhankauda, Sambalpur, PIN- 768025	768025
95	21241002252	OAV BHAINSA	AT/PO-BHAINSA,PS-PATNAGARH ,PIN- 767048,DIST-BALANGIR,STATE-ODISHA	ODISHA
96	21072603402	OAV JUALIA	AT/PO- JUALIA, PS- UDALA,DIST- MAYURBHANJ PIN-757041	757041
97	21072116204	OAV SHIRSA	AT/PO-SHIRSA, PS-JHARPOKHARIA,	757031

S No	UDISE No	School Name	Address	Pincode
			BLOCK-SARASKANA,DIST-MAYURBHANJ, PIN-757031	
98	21261206701	OAV CHAPATKHANDA	AT-CHAPATKHANDA PO/PS-- NARLA DISTRICT- KALAHANDI ODISHA PIN-766100	766100
99	21100608004	OAV HATIA	AT- Hatia, Po- Manatir, Dist- Kendrapara, Pin- 754212	754212
100	21071502401	OAV SANJAYDHANPOSI	AT - SANJAYDHANPOSI, PO - BADAMPAHAR, PS - BADAMPAHAR, DIST. - MAYURBHANJ, pin - 757047	757047
101	21291107802	OAV GANINAYAKPUT	ODISHA ADARSHA VIDYALAYA, GANINAYAKPUT, NANDAPUR, KORAPUT- 764037	764037
102	21110706103	OAV KORKARA	Odisha Adarsha Vidyalaya, AT-Korkara,PO-Raghunathpur, Dist-Jagatsinghpur. Pincode-754132	754132
103	21080417682	OAV KANTHIBHURI	At- Kanthibhaunri , Po- Bichitrapur, Block- Bhograi ,District- Balasore, Odisha. PIN- 756037	756037
104	21290608004	OAV MACHHARA	AT-MACHHARA, PO-UMURI BLOCK/DIST- KORAPUT PIN-764021	764021
105	21071913302	OAV MAHULIA	AT-MAHULIA PO-PATAGADIA PS- RASGOVINDPUR DIST-MAYURBHANJ PIN- 757016	757016
106	21180509102	OAV KUNJA	AT- KUNJA PO- KURUJANGA BLOCK-KAKATPUR PS-KONARK DIST-PURI STATE-ODISHA PIN-752111	752111
107	21271201004	OAV GUDARI	AT- ODISHA ADARSHA VIDYALAYA, GUDARI PO-GUDARI BLOCK-GUDARI DIST-RAYAGADA PIN-765026 ODISHA	ODISHA
108	21091100505	OAV SHYAMPUR	AT: SHYAMPUR, PO: DHAMNAGAR, DHAMNAGAR NAC, BHADRAK,756117	756117
109	21020302573	OAV PATRAPALI	AT-PATRAPALI PO-PARMANPUR BLOCK- KOLABIRA DIST-JHARSUGUDA PIN-768213	768213
110	21080506573	OAV KALIKA	At- Kalika Po- Hatigarh Ps- Raibania Block- Jaleswar Dist- Balasore State- Odisha Pin- 756033	756033
111	21261500183	OAV JUNAGARH	AT/PO-JUNAGARH, PS-JUNAGARH, DIST-	766014

S No	UDISE No	School Name	Address	Pincode
			KALAHANDI, ODISHA PIN-766014	
112	21071613005	OAV MORADA	AT/PO/PS- MORADA, DIST- MAYURBHANJ, ODISHA, PIN- 757020	757020
113	21210208272	OAV CHAKAPAD	At/Po- Chakapad, Near Police Station Dist- Kandhamal Pin- 762028 ODISHA	ODISHA
114	21280108207	OAV FATKI	AT/PO-PHATIKI, PS-CHANDAHANADI,DIST-NABARANGPUR, PIN-764077	764077
115	21290300103	OAV TARABHATTA	AT- TARABHATTA NEAR KUMULI , PO-KUMULI PS- B.SINGHPUR BLOCK-BORIGUMMA DIST- KORAPUT PIN- 764057	764057
116	21050706002	OAV KUSUMDIHI	AT: KUSUMDIHI PO: KALTA BLOCK: KOIRA PIN: 770052 DIST: SUNDARGARH	ARGARH
117	21080224982	OAV BALARAMPUR	ODISHA ADARSHA VIDYALAYA, AT- BALARAMPUR PO- BALARAMPUR VIA- LANGALESWAR DIST- BALASORE PIN-756024	756024
118	21130209904	OAV JAGANNATHPUR	At-Jagannathpur Po-Bari-CTC Dist-Jajpur Pin-755003	755003
119	21071014752	OAV MATIAGARH	AT/PO-MATIAGARH,VIA-KHAIRI JASHIPUR,DIST-MAYURBHANJ,PIN-757091	757091
120	21100801082	OAV ACHINTA	At- Achinta, P.O-Jagulaipada, P.S-Rajkanika, Dist-Kendrapara,Pin-754220	754220
121	21072009602	OAV SANSOLE	AT-SANSOLE PO-RANGAMATIA VIA-SAMAKHUNTA DIST-MAYURBHANJ ODISHA PIN-757049	757049
122	21080107342	OAV JAGESWARPADA	AT/PO- JAGESWARPADA, PS- GOPALPUR, DIST- BALASORE, PIN- 756044	756044
123	21241110352	OAV MAHIMUNDA	AT/PO-MAHIMUNDA,BLOCK-PUINTALA,DISTRICT-BALANGIR,PIN-767002(O)	002(O)
124	21211500404	OAV DANDAPADAR	At/PO - DANDAPADAR PS- BALLIGUDA DIST.- KANDHAMAL ODISHA PIN- 762103	762103
125	21020508273	OAV LAKHANPUR	OAVS Lakhanpur, AT/PO/PS/BLOCK - Lakhanpur, Dist- Jharsuguda , PIN - 768219	768219
126	21011006902	OAV FREZORPUR	AT-FREZORPUR, PO-KECHHODADAR, BLOCK-PAIKMAL, DIST-BARGARH, ODISHA, PIN-768039	768039
127	21040100304	OAV BARKOTE	OAV BARKOTE, DEOGARH AT- BAHADAPOSHI(GOPAPUR), PO-BARKOTE DIST- DEOGARH PIN-768110	768110

S No	UDISE No	School Name	Address	Pincode
128	21010603903	OAV BARPADAR	AT/PO/PS-BHEDEN,DIST-BARGARH,PIN-768104	768104
129	21070109102	OAV JHARGAN	AT- JHARGAN PO- BAHALDA DIST-MAYURBHANJ PIN-757046	757046
130	21090108973	OAV ERAM	AT/PO-ERAM BLOCK-BASUDEVPUR DIST-BHADRAK PIN-756162	756162
131	21020102710	OAV KATAPALI	AT-H.KATAPALI P/O-H.KATAPALI PINCODE-768202 DISTRICT- JHARSUGUDA.	UGUDA.
132	21030301603	OAV CHINIMAHUL	AT/PO- CHINIMAHUL PS-JAMANKIRA DIST-SAMBALPUR STATE-ODISHA PIN-768107	768107
133	21060413104	OAV SUANPADA	OAV Suanpada Ramchandrapur Ghasipura Keonjhar Odisha-758043	758043
134	21300700104	OAV BAPANPALLY	Odisha Adarsha Vidyalaya, Bapanpalli, Podia, Malkangiri-764047(Odisha)	disha)
135	21120310201	OAV KIRIKICHA	AT-KIRIKICHA,PO-MAHULIA,PS-BADAMBA,DIST-CUTTACK,PIN-754031	754031
136	21180108204	OAV SARIFPUR	ODISHA ADARSHA VIDYALAYA SARIFPUR, AT-SARIPUR PO-UDAYAPUR PS-ASTARANG PIN-752109	752109
137	21120917904	OAV PAIKAPADAPATNA	AT- PAIKAPADAPATNA PO- NARASINGHPUR PS - NARASINGHPUR DIST- CUTTACK PIN- 754032	754032
138	21280406602	OAV MAJHIGUDA	AT-MAJHIGUDA, PO-KOSAGUMUDA, DIST-NABARANGPUR PIN-764061, ODISHA	ODISHA
139	21270526701	OAV K SINGPUR	at- k singpur post - k singpur Dist- rayagada pin-765016	765016
140	21170907102	OAV SIALIA	AT-SIALIA PATNA,PO-DALEIPUT,DIST-KHORDHA,ODISHA,PIN-752056	752056
141	21060807452	OAV KHENDRA	KHENDRA JHUMPURA KEONJHAR 758031	758031
142	21300900203	OAV GANDHIPALLY	AT-CHARKIGUDA, INFRONT OF GOVT I T I PRADHANIGUDA,MALKANGIRI,PIN-764045,ODISHA	ODISHA
143	21191606905	OAV BADAPUR	ODISHA ADARSHA VIDYALAYA AT/PO-BADAPUR PS-JARADA BLOCK-PATRAPUR DIST-GANJAM	761005

S No	UDISE No	School Name	Address	Pincode
			PIN-761005	
144	21220345102	OAV AINLACHUAN	AT- AINLACHUAN, PO/PS- KANTAMAL, DIST- BOUDH, PIN- 762017	762017
145	21030104280	OAV DUMGERMUDABAD	AT- BAMRA,INFRONT OF TF COLLEGE,BAMRA,PO-BAMRA,PS- GOVINDPUR,DIST-SAMBALPUR,PIN- 768221	768221
146	21020203117	OAV KIRMIRA	ODISHA ADARSHA VIDYALAYA ,KIRMIRA BLOCK - KIRMIRA DISTRICT - JHARSUGUDA PIN - 768220 ODISHA	ODISHA
147	21220224002	OAV MANIPUR	MANIPUR,HARABHANGA,BOUDH,PIN- 762013	762013
148	21210511304	OAV KUDUTULI	At/Po- Kudutuli, Ps- K.Nuagaon, Dist- Kandhamal, Odisha PIN-762102	762102
149	21280600804	OAV NANDAHANDI	AT-SARUGUDA, PO-DANGARBHEJA ,PS- NABARANGPUR, DIST- NABARANGPUR ,PIN-764078	764078
150	21260205182	OAV PARLA	AT/PO-PARLA, BLOCK-DHARAMGARH, DIST-KALAHANDI,PIN-766103,ODISHA	ODISHA
151	21290506607	OAV JAYANTIGIRI	AT/PO-JAYANTIGIRI VIA-BORIGUMMA DIST-KORAPUT PIN-764056	764056
152	21171404301	OAV SANDHAPUR	AT- SANDHAPUR, P.O- JATNI, DIST- KHORDHA, 752050	752050
153	21050805903	OAV TELIPOSH	AT-OAV TELIPOSH, PO-KUARMUNDA, DIST- SUNDARGARH, ODISHA, 770039	770039
154	21270714307	OAV KOLNARA	AT/PO/BLOCK-KOLNARA, PS-CHANDILI, DIST.-RAYAGADA, PIN-765017	765017
155	21290113205	OAV NILABADI	At/Po-Nilabadi,Ps-Bandhugaon Dist-Koraput Pin-764001	764001
156	21030905086	OAV RENGALI	ODISHA ADARSHA VIDYALAYA,JHURIPADA PO/PS- RENGALI DIST- SAMBALPUR PIN-768212	768212
157	21031301202	OAV RAMPUR	AT-SUNDHIMUNDA,PS-RAIRAKHOL,POST- RAIRAKHOL,DIST-SAMBALPUR,PIN-768106	768106
158	21040322605	OAV TILEIBENI	AT/PO-TILEIBANI, DIST-DEOGARH, PIN- 768119	768119
159	21050604703	OAV KAMALAGA	AT-KAMALAGA, PO-HEMGIR, G.P-HEMGIR, PS-HEMGIR, DIST-SUNDARGARH, PIN- 770013 ODISHA	ODISHA
160	21120207901	OAV JOKIDOLA	AT-JOKILADALA,PO-BANIA,PS- BAIDESWAR,BLOCK-BANKI,DIST- CUTTACK,PIN-754009	754009
161	21200400302	OAV GUNDIMA	At- Gundima Po- Adava PS- Adava	761217

S No	UDISE No	School Name	Address	Pincode
			Block-Mohana Dist- Gajapati 761217	
162	21300302172	OAV CHITRAKONDA	AT/PO/PS- CHITRAKONDA DIST- MALKANGIR PIN- 764052	764052
163	21230309902	OAV FATAMUNDA	AT-PO-DUNGURIPALI ,DIST-SUBARNAPUR PIN-767023	767023
164	21130102105	OAV DARPANI	AT/PO- BADCHANA DIST- JAJPUR PIN- 754296	754296
165	21230602202	OAV JHARBAHALI	AT PO- JHARBAHALI VIA- ULUNDA DIST- SUBARNAPUR PIN-767062	767062
166	21180301903	OAV BERBOI	Odisha Adarsha Vidyalaya Berboi At/Po-Berboi, Ps-Delang, Dist-Puri, Pin- 752016	752016
167	21291403906	OAV PUNGAR	At- Pungar , PO- Kunduli, Block- Semiliguda, Dist- Koraput. PIN-764036	764036
168	21071402001	OAV CHANDUA	AT/P-CHANDUA PS-CHANDUA BLOCK-KULIANA DIST-MAYURBHANJ PIN-757014	757014
169	21010905975	OAV BALIDHIPA	BALIDHIPA, JHARBANDH, BARGARH, 768042	768042
170	21200207403	OAV GUMMA	Main Road, Near Tahasil Office, Gumma, Dist-Gajapati, Odisha, PIN-761207	761207
171	21140800972	OAV BARIHAPUR	AT-BARIHAPUR PO-BARIHAPUR PS-PARAJANG DISTRICT-DHENKANAL STATE-ODISHA PIN-759120	759120
172	21070409003	OAV RANIBHOL	AT-RANIBHOL, PO-BHURUDUBANI, VIA- LAXMIPOSI, PS-BARIPADA SADAR, DIST- MAYURBHANJ, PIN-757107, ODISHA	ODISHA
173	21050201264	OAV BHOIPALI	AT/PO-BHOIPALI, BLOCK-BARGAON, DIST- SUNDARGARH, PIN-770016	770016
174	21040202674	OAV BUDHAPAL	Odisha Adarsha Vidyalaya,Budhapal At-Budhapal,Po-Sarpal Ps-Kundheigola,Block-Reamal Dist-Deogarh,Odisha Pin-768109	768109
175	21060709203	OAV SUNDARAPAL	OAV SUNDARAPAL HATADIHI KENONJHAR ODISHA 758023	758023
176	21051504053	OAV SIMDEGA	AT/PO-SIMDEGA,PS-TALSARA,VIA- SUBDEGA,DIST.-SUNDARGARH,PIN-	770014

S No	UDISE No	School Name	Address	Pincode
			770014	
177	21190218401	OAV RAJAPUR	ODISHA ADARSHA VIDYALAYA RAJAPUR S.CHHACHINA, BEGUNIPADA, GANJAM PIN-761031	761031
178	21110306302	OAV SIHA	At-Siha,Po-Erasama,Dist- Jagatsinghpur,Odisha-754139	754139
179	21190408701	OAV JILLUNDIPALII	AT - JILLUNDIPALLI, PO- JILLUNDI,BLOCK- BHANJANAGAR, GANJAM, ODISHA PIN- 761133	761133
180	21291205602	OAV PACHINGI	ODISHA ADARSHA VIDYALAYA PACHINGI, NARAYANPATNA KORAPUT PIN-764014	764014
181	21160711402	OAV AKHUPADAR	AT- AKHUPADAR, PO- RABARA, BLOCK- ODAGAON, DIST- NAYAGARH, PIN-752081	752081
182	21140302905	OAV BISWANATHPUR	AT- BISWANATHPUR ,KAPILAS H,GONDIA,DHENKANAL PIN-759016	759016
183	21280902303	OAV LAKDIPALA	AT-LAKDIPALA PO-KONGRA PS-TENTULIKHUNTI PIN-764059	764059
184	21300104603	OAV KANGRUKONDA	ODISHA ADARSHA VIDYALAYA, KANGURUKONDA AT/PO- KANGURUKONDA BLOCK- KALIMELA DIST-MALKANGIRI PIN-764047	764047
185	21191419701	OAV BAURIGANDAPALLI	AT - BAURIGANDAPALLI, PO - GOLAGANDAPALLI, BLOCK - KHALLIKOTE, VIA-RAMBHA , DIST:- GANJAM,STATE:- ODISHA, PIN-761028.	61028.
186	21300607813	OAV JHULUNIBAHAL	ODISHA ADARSHA VIDYALAYA AT- JHULUNIBAHAL PO/PS- MATHILI DIST-MALKANGIRI PIN- 764044 (ODISHA)	DISHA)
187	21120701903	OAV CHITALPUR	At-Chitalpur Po-Sundargram Ps-Olatpur Block-Kantapada Dist-cuttack Pin-754002	754002
188	21240914082	OAV MURIBAHAL	AT/PO-MURIBAHAL BLOCK-MURIBAHAL PS-MURIBAHAL DIST-BALANGIR PIN-767037	767037
189	21070608082	OAV LUHASILA	At / Po- Luhasila , Via- Bijatala, Dist- Mayurbhanj, Pin-757048	757048
190	21200705504	OAV CHELLIGADA	AT/PO-Chheligada, PS-R.Udayagiri, DIST- Gajapati, PIN-761016	761016

S No	UDISE No	School Name	Address	Pincode
191	21010706602	OAV M.GANDAPALI	ODISHA ADARSHA VIDYALAYA, M. GANDAPALI AT- M. GANDAPALI, PO- JARING, PS/ BLOCK- BIJEPUR, DIST- BARGARH, PIN- 768 032	68 032
192	21130622902	OAV DEULIPAL	AT - DEULIPAL,JARAKA,DHARMASALA,JAJPUR 755050	755050
193	21100505602	OAV ADOI	AT; ADOI , PO ; BARAKANDHA , BLOCK ; MAHAKALPARA , DIST ; KENDRAPARA , PIN ; 754224	754224
194	21210806202	OAV DINDIRAGAON	AT-DINDIRAGAON, PO-PHIRINGIA DIST-KANDHAMAL PIN-762011	762011
195	21100920652	OAV BAGHATAILA	AT: Baghataila ,PO: Mahulia,PS: Rajnagar, Kendrapara, PIN:754225	754225
196	21211010614	OAV RAIKIA	OAV RAIKIA AT/PO- RAIKIA DIST.- KANDHAMAL PIN-762101	762101
197	21260805203	OAV MASANIMUNDA	ODISHA ADARSHA VIDYALAYA, MASANIMUNDA , AT- MASANIMUNDA, PO- KESINGA, DIST- KALAHANDI, PIN- 766012 ODISHA	ODISHA
198	21071200502	OAV BADADEULI	AT- BADADEULI, PO-SANADEULI, PS- KARANJIA, DIST-MAYURBHANJ, PIN- 757037	757037
199	21120406403	OAV RAMDASPUR	At- Ramdaspur (Arilo) Po-Naraj Ps- Baranga Block- Baranga Dist- Cuttack State-Odisha Pin-754006	754006
200	21051201304	OAV LEPHRIPADA	AT/PO-CHHATENPALI,BLOCK- LEPHRIPADA,DIST-SUNDARGARH,PIN- 770011	770011
201	21060212202	OAV TALACHAMPEI	OAV TALACHAMPEI, BASPAL PIN- 758018	758018
202	21170200655	OAV BHAKRASAHI	At- GADA CHARIPADA PO- BHAKRSAHI VIA-BANAMALIPUR DIST- KHURDA PIN-752103	752103
203	21190305506	OAV PRATAP LAXMANPUR	AT- PRATAP LAXMANPUR, PO- LUNIPADA, PS- GANGAPUR, PIN- 761123, DIST- GANJAM, STATE- ODISHA	ODISHA
204	21080631403	OAV ARJUNPUR	AT-Arjunpur, Block: Khaira, PS: Khaira, Dist: Balasore, PIN: 756048	756048
205	21071100403	OAV BHALUBASA	AT-BHALUBASA,PO-KALADAHI,PS- KAPTIPADA,MAYURBHANJ-757040	757040
206	21061401253	OAV SALAPADA	Odisha Adarsha Vidyalaya, Salapada At/Po-Salapada, Block-Anandapur Dist-Keonjhar, Odisha-758020	758020
207	21091000105	OAV MAJHIGAON	AT-MAJHIGAON, PO- BIJAYNAGAR, P.S-	756133

S No	UDISE No	School Name	Address	Pincode
			CHANDABALI,DIST- BHADRAK, PIN-756133	
208	21280801105	OAV DUMARDIHI	AT-DUMARDIHI,POST-GANJAPARA,VIA- RAIGHAR,DIST-NABARANGPUR,PIN- 764074	764074
209	21191010842	OAV SATRUSOLA	ODISHA ADARSHA VIDYALAYA, AT- SATRUSOLA, PO-HUMMA, VIA-RAMBHA, DIST-GANJAM, PIN-761027	761027
210	21261006002	OAV DHANURBHATA	AT-DHANRABHATA PO- BISWANATHPUR PS- BISWANATHPUR DIST- KALAHANDI PIN - 766020	766020
211	21061001604	OAV BODAPALASA	AT/PO - BODAPALASA PS -RAISUAN DIST- KEONJHAR PIN-758002	758002
212	21011206305	OAV KANGAON	AT/PO- KANGAON, VIA/BLOCK- SOHELA, DIST- BARGARH, PIN-768033 (ODISHA)	DISHA)
213	21211106902	OAV SALAPGAM	AT- SALAPGAON, PO- KATIMAHA, VIA- TIKABALI, DIST- KANDHAMAL, PIN - 762010	762010
214	21291302502	OAV KOTIA	AT-GANJEIPADAR, PO-KOTIA, PS- POTTANGI, DIST-KORAPUT, PIN-764039	764039
215	21130411402	OAV GOHIRAPATOLI	AT-GOHIRAPATULI,PO- RANIPADA ,BLOCK- DANAGADI ,DIST JAJPUR ,PIN-755019	755019
216	21120112072	OAV KULAILO	Odisha Adarsha Vidyalaya,Kulailo At/Po- Kulailo Block- Athgarh Dist- Cuttack PIN- 754029	754029
217	21140107152	OAV PURUSOTTAMPUR	AT- PURUSOTTAMPUR, PO- BHUBAN, DIST- DHENKANAL, PIN-759017	759017
218	21190602953	OAV CHAMAKHANDI	At/Po- Chamakhandi, Via- Matikhalo, Block - Chhatrapur, Dist - Ganjam Pin- 761045	761045
219	21030608778	OAV PARMANPUR	Odisha Adarsha Vidyalaya, Parmanpur, Maneswar, At-Nuamunda, PO-Parmanpur, Block-Maneswar, Dist.-Sambalpur, Odisha- 768200	768200
220	21150512004	OAV JHARABARANI	AT- JHARABERENI PO-HANUMANPUR PS-KANIHA DIST-ANGUL PIN-759117	759117
221	21270911304	OAV BAHUPADAR	AT-BAHUPADAR , PO-AKHUSINGI, BLOCK- PADMAPUR, DIST-RAYAGADA , PIN-765025	765025
222	21280500504	OAV AGNIPUR	AT-TIRLIAMBAUDA PO-AGNIPUR PS/DIST-NABARANGPUR PIN-764059	764059
223	21130311482	OAV UTTARKUL	AT-UTTARKUL PO-UTTARKULHAT	755013

S No	UDISE No	School Name	Address	Pincode
			PS-BINJHARPUR DIST-JAJPUR ODISHA-755013	
224	21061108906	OAV KENDIPOSI	AT/PO KENDEIPOSI PS TURUMUNGA 758017	758017
225	21110207002	OAV SANKARPUR	AT- SANKARPUR PO- GOTHINA PS- BIRIDI DIST- JAGATSINGHPUR PIN-754132	754132
226	21110817702	OAV MULISINGH	AT- HARSINGHPUR, PO- HARSINGHPUR, VIA- KANAKPUR, BLOCK- TIRTOL, DIST- JAGATSINGHPUR PIN- 754136	754136
227	21100401282	OAV TARANDO1	ODISHA ADARSHA VIDYALAYA TARANDO, KENRAPARA BARO, 754250	754250
228	21270112305	OAV BHALERI	AT-BHALERI, PO-DURGI, BLOCK- BISSAMCUTTACK, DIST-RAYAGADA, PIN- 765019	765019
229	21100211252	OAV KURUJANGA	At-KuruJanga Po-Fakirabad Ps-Derabish Dist--Kendrapara Pin-754250	754250
230	21280308217	OAV JHARIGAON	Odisha Adarsha Vidyalaya, Jharigam At/Po/Ps- Jharigam Dist- Nabarangpur PIN-764076	764076
231	21200620502	OAV KAITHAPADAR	AT- KAITHAPADAR, PO- RAYAGADA, DIST-GAJAPATI PIN- 761213	761213
232	21100303382	OAV PARAKANA	OAV PARAKANA, AT- PARAKANA PO- SRICHANDANPUR BLOCK-GARADPUR PS-PATKURA DISTRICT-KENDRAPARA PIN-754162	754162
233	21260106702	OAV MUSIGUDA	ODISHA ADARSHA VIDYALAYA MUSIGUDA BHAWANIPATNA KALAHANDI AT-MUSIGUDA PO-BUNDELGUDA PS- BHAWANIPATNA DIST-KALAHANDI PIN- 766002	766002
234	21090212807	OAV OLANGA	AT/PO- OLANGA VIA - RANDIA HAT DIST- BHADRAK PIN- 756135	756135
235	21200109902	OAV LINGIPUR	Odisha Adarsha Vidyalaya Lingipur At-Lingipur, Po-Sobara, Via- Garabandha Dist- Gajapati Odisha PIN- 761215	761215
236	21240303104	OAV BHALUMUNDA	OAV BHALUMUNDA AT/PO-	767040

S No	UDISE No	School Name	Address	Pincode
			BHALUMUNDA,BLOCK-BANGOMUNDA,DISTRICT-BALANGIR,ODISHA,PIN-767040	
237	21150402201	OAV GOPINATHPUR	AT-GOPINATHPUR PO-TENTOLOI PS-CHHENDIPADA BLOCK-CHHENDIPADA DIST-ANGUL PIN-759124	759124
238	21130511205	OAV MALLIKAPUR	AT/PO MALLIKAPUR DIST-JAJPUR PIN-7550036	550036
239	21250512204	OAV TIMANPUR	AT/PO-TIMANPUR PS-SINAPALI DIST-NUAPADA PIN-766108	766108
240	21110409902	OAV SALIJANGA	ODISHA ADARSHA VIDYALAYA, AT- SALAJANGA, PO- ALANAHAAT, BLOCK/DIST- JAGATSINGHPUR , PIN - 754107	754107
241	21090714872	OAV SANTHAPUR	AT-SANTHAPURA PO-ARJUNBINDHA VIA-PIRAHATBAZAR P.S.- PIRAHATBAZAR BLOCK-TIHIDI DIST-BHADRAK ,PIN-756131	756131
242	21190709502	OAV PITATALI	Odisha Adarsha Vidyalaya, AT/PO- Pitatali, Block-Chikiti, Dist- Ganjam, Odisha, PIN- 761010	761010
243	21011106502	OAV BANDHUPALI	AT- BANDUPALI PO- BUDAMAL PS- BUDEN BLOCK- RAJBORASAMBAR DIST- DEOGARH STATE- ODISHA PIN-768036	768036
244	21072205742	OAV KHICHING	At/ Po- Khiching, Block- Sukruli, Ps- Raruan, Dist-Mayurbhanj, Pin-757039	757039
245	21271301404	OAV GUNUPUR	AT/PO-BIKRAMPUR,GUNUPUR DIST- RAYAGADA ODISHA-764062	764062
246	21010302203	OAV GOVINDAPUR	AT/PO- GOVINDPUR DIST- BARGARH VIA-SOHELA PIN-768033	768033
247	21180410952	OAV TARANGIRA	At-OAV Nirgundi,Gop PO/PS-Gop Dist-Puri Pin-752110	752110
248	21181000304	OAV BALUKHANDA	AT-BALUKHANDA, BLOCK-PURI SADAR, PURI, 752004	752004
249	21061211474	OAV SAHARPADA	AT/PO/VIA SAHARPADA, PS PATNA,	758016

S No	UDISE No	School Name	Address	Pincode
			KENDUJHAR, ODISHA - 758016	
250	21060905804	OAV LAHANDA	AT- LAHANDA PO- BILEIPADA PS- JODA DIST- KEONJHAR PIN-758038	758038
251	21160300602	OAV KAKUDIKHOL	ODISHA ADARSHA VIDYALAYA AT- KAKUDIKHOL, PO- ADAKATA, BLOCK- GANIA, P.S- GANIA, PIN- 752093	752093
252	21230508702	OAV JAMKANI	AT-JAMKANI PO-DUBULA PS-TARBHA DIST-SONEPUR ODISHA 767019	767019
253	21230407202	OAV PIPILIPALI	AT-OAV, Pipilipali, Sonapur, PO- Kalapathara , PS- Sonapur, Dist- Subarnapur, Odisha , PIN-767017	767017
254	21051105805	OAV LATYHIKATA	At/Po/Ps- Lathikata Dist-Sundargarh Pin-770037	770037
255	21051304602	OAV JAHARITOLI	AT-OAV JAHARITOLI , PO-PURUNA PANI ,PS-HATIBARI BLOCK-NUAGAON ,DIST-SUNDARGARH , PIN-770035	770035
256	21081209903	OAV NADIGAON	OAV NADIGAON AT/PO-NADIGAON VIA- SORO DIST- BALASORE PIN-756045	756045
257	21061308703	OAV ORIYA TELKOI	AT-/PO-ORIYA,PS-TELKOI, DIST- KEONJHAR,PIN-758019, ODISHA	ODISHA
258	21261109772	OAV MADANPUR	AT/PO-MADANPUR VIA-M.RAMPUR KALAHANDI PIN-766102	766102
259	21191704805	OAV HATIOTA	At/Po-Hatiota, Via-Ballipadar, Ps-Polasara, Dist-Ganjam, Pin-761117	761117
260	21290708201	OAV KOTPAD	At Kenduguda Po- Kotpad PS- Kotpad Dist- Koraput Odisha PIN-764058	764058
261	21241405801	OAV JHARNI	AT- JHARNI PO- MAHULBAHALI BLOCK- TUREKELA DIST- BALANGIR PIN-767060	767060
262	21051008202	OAV PARAGAPOSH	At-Paragposh PO-Kaleiposh Block-Lahunipara Dist-Sundargarh Pin- 770040	770040
263	21070812602	OAV TITIA	ODISHA ADARSHA VIDYLAYA, TITIA AT - TITIA, PO- BALIDIHA PS- KHUNTA DIST- MAYURBHANJ PIN- 757019	757019
264	21230215503	OAV RATHAPUR	AT-RATHAPUR,PO-KUMARKELIBLOCK- BIRMAHARAJPUR,DIST-SUBARNAPUR,PIN-	767018

S No	UDISE No	School Name	Address	Pincode
			767018	
265	21240407003	OAV BHARUAMUNDA	At- Bharuamunda Po- Belpada Dist- Balangir Pin-767026 (Odisha)	disha)
266	21192228501	OAV SORADA	At/PO- Surada, Block- Surada, Dist- Ganjam, PIN- 761108	761108
267	21220127802	OAV TETELENGA	AT/PO- TETELENGA, BLOCK/PS - BOUDH, DIST - BOUDH, PIN - 762014	762014
268	21030405314	OAV JUJUMURA	AT-JUJOMURA PO-JUJOMURA DIST-SAMBALPUR PIN-768105	768105
269	21280705914	OAV PAPADAHANDI	At- Papadahandi dist-Nabarangpur pin-764071	764071
270	21170621175	OAV PICHUKULI	At/PO-Pichukuli, PS-Begunia, Block- Bolagarh, Khordha, 752064	752064
271	21020402204	OAV MUDRAJORE	At- OAV Mudrajore Po-Mudrajore Ps-Laikera Block-Laikera Pin-768213	768213
272	21080814403	OAV DHIMPURA	Odisha Adarsha Vidyalaya, Dhimpura At-Dhimpura, Po-Oupada, Dist-Balasore Odisha, 756049	756049
273	21010504903	OAV KESHAIPALI	AT/PO- BHATLI DIST- BARGARH STATE- ODISHA PIN- 768030	768030
274	21180216301	OAV SIPASARUBALI	AT-MOTO, PO-CHAPMANIK, PS- BRAHMAGIRI, DIST-PURI, PIN - 752011	752011
275	21192000805	OAV CHANAMERI	OAV Chhanameri Sanakhemundi, Ganjam, 761014	761014
276	21150718501	OAV SUBARNAPALI	ODISHA ADARSHA VIDYALAYA , AT - SUBARNAPALI , PO/PS- PALLAHARA, ANGUL,-759119	759119
277	21010200402	OAV BHOIPURA	AT- BHOIPUR PO-ATTABIRA PS- ATTABIRA BLOCK- ATTABIRA DISTRICT- BARGARH	ARGARH
278	21291306673	OAV POTTANGI	At- Sisaguda, Po/Ps- Pottangi, Block- Pottangi, Dist- Koraput (ODISHA) PIN- 764039	764039
279	21210611203	OAV DUTIMENDI	AT: DUTIMENDI PO: DUTIPADA PS: KHAJURIPADA DIST: KANDHAMAL PIN : 762001	762001

S No	UDISE No	School Name	Address	Pincode
280	21192108501	OAV BHUSUNDA	ODISHA ADARSHA VIDYALAYA, AT: PAKIDI HILL, PO: SHERAGADA, DISTRICT: GANJAM, ODISHA, PIN:761106	761106
281	21271008307	OAV RAMANGUDA	AT/PO-RAMANAGUDA PS-GUNUPUR DIST- RAYAGADA,ODISHA, PIN-765029	765029
282	21080931502	OAV SUTEI	AT - SUTEI, PO - CHHANAPUR, PS - INDUSTRIAL, VIA - KURUDA, DIST - BALASORE, PIN - 756056	756056
283	21260603084	OAV KALAMPUR	ODISHA ADARSHA VIDYALAYA KALAMPUR, POST-KALAMPUR,PS-JAIPATNA,DIST- KALAHANDI,PIN-766013 ,STATE-ODISHA	ODISHA
284	21191501103	OAV KUSUMI	OAV Kusumi, Po:- Sihala, Via:- Golanthara, Block:- Kukudakhandi, Dist:- Ganjam, Odisha, Pin:- 761008	761008
285	21291002506	OAV GOUDAGUDA	AT-GOUDAGUDA, PO-GOUDAGUDA, PS- KAKIRIGUMMA, BLOCK-LAXMIPUR, DIST- KORAPUT, STATE- ODISHA, PIN-765013	765013
286	21051900602	OAV RAJGANGPUR	At: Bagichapada, Behind Ganesh Temple, Po/PS: Rajgagpur, Dist: Sundargarh, Odisha, 770017	770017
287	21280203006	OAV DONGRIGUDA	At- Dongriguda, Po- Dabugam, Dist- Nabarangpur, Odisha - Pin- 764072	764072
288	21160107005	OAV FATEGARH	AT-FATEGARH,PO-FATEGARH,PS- FATEGARH,DIST-NAYAGARH, PIN-752063	752063
289	21181103504	OAV SATYABADI	AT - SADANANDAPUR P.O - PATTANAIIKIA P.S - SATYABADI DIST. - PURI PIN - 752046 STATE - ODISHA	ODISHA
290	21170402005	OAV BEGUNIA	AT/PO/PS-BEGUNIA DIST-KHORDHA , STATE - ODISHA , PIN -762062	762062
291	21190503908	OAV GOLIA	At/po-Golia,Ps-Buguda,Dist-Ganjam,PIN- 761118	761118
292	21191104503	OAV SASANAMBAGAN	AT/PO - SASANA AMBAGAN VIA-KANCHURU PS- HINJILI DIST- GANJAM PIN-761101	761101
293	21072403805	OAV DIGDHAR	AT/PO: Digdhar, PS: Thakurmunda, Dist: Mayurnhanj, Odisha PIN: 757038	757038
294	21240608743	OAV TENTULIKHUNTI	AT- TENTULIKHUNTI, PO- DAHIMAL, PS- TUSRA, BLOCK- GUDVELA, DIST- BALANGIR, PIN- 767030	767030
295	21200512102	OAV PARIMALA	Odisha Adarsha Vidyalaya ,Parimala,Nuagada AT/PO-Parimala PS-R.Udayagiri DIST-Gajapati	761016

S No	UDISE No	School Name	Address	Pincode
			PIN-761016	
296	21121200803	OAV RAGHABAPUR	SALIPUR HISH SCHOOL( TEMPRARY BULDING),SALIPUR,CUTTACK,ODISHA,PIN -754202	754202
297	21061800607	OAV CHAMPUA	AT/PO/PS-CHAMPUA, DIST - KEONJHAR,PIN-758041,ODISHA	ODISHA
298	21110110202	OAV DUA	At- Dua, Po- borikina, pin-754110	754110
299	21072311204	OAV BHALIASOLE	AT- BHALIASOLE, PO- BARI, PS- SULIAPADA, DIST- MAYURBHANJ, ODISHA-757022	757022
300	21090302603	OAV UTTARBAD	At- Uttarbad, Po/Ps- Bhandari Pokhari, Dist- Bhadrak Pin-756120	756120
301	21240104505	OAV DUDUKA	ODISHA ADARSHA VIDYALAYA, DUDUKA AT/P.O.- DUDUKA PS-AGALPUR BLOCK- AGALPUR DIST-BALANGIR PIN-767061 (ODISHA)	DISHA)
302	21060504203	OAV TIKIRA	AT-TIKIRA,PO-DHENKIKOTE,BLOCK-GHATAGAON,DIST-KEONJHAR,PIN-758029	758029
303	21260704652	OAV REGEDA	OAV Regeda, Karlamunda AT/PO- Regeda PS- M Rampur Dist- Kalahandi PIN-766102	766102
304	21072500108	OAV BADADALIMA	AT- MANKIDIDIHI PO- BADADALIMA DIST- MAYURBHANJ 757053	757053
305	21060606153	OAV HARICHANDANPUR	ODISHA ADARSHA VIDYALAYA, HARICHANDANPUR AT/PO/PS-HARICHANDANPUR DIST-KEONJHAR STATE-ODISHA PIN-758028	758028
306	21160205902	OAV DWARAGAON	ODISHA ADARSHA VIDYALAYA,DWARAGAON,PO-DIHAGAON,BLOCK-DASPALLA,DIST-NAYAGARH, ODISHA,PIN-752093	752093
307	21030506901	OAV KUSUMI	OAV Kusumi At/Po- Kusumi Block- Kuchinda Dist- Sambalpur Pin-768227	768227
308	21071805504	OAV TINGIRIA	At-Tingiria, po-Godapalsa, Dist-Mayurbhanj,pin-757091	757091
309	21271130202	OAV TADAMA	AT/PO-TADAMA RAYAGADA 765002	765002

S No	UDISE No	School Name	Address	Pincode
310	21120602705	OAV GOVINDPUR	At/Po-Govindpur,Damapada,Banki-2,Cuttack,Pin-754007	754007
311	21240209702	OAV PATHACHEPA	AT-DHUMAMARA,VIA- CHANDANBHATI,PO-SADAIPALI,PIN-767065,DIST-BALANGIR,ODISHA	ODISHA
312	21160512703	OAV NOTAR	AT/PO- NOTAR, DIST - NAYAGARH, PIN-752079	752079
313	21261328705	OAV TH RAMPUR	OAV, TH.RAMPUR NEAR TAHASIL OFFICE TH.RAMPUR, KALAHANDI, ODISHA PIN-766037	766037
314	21290807009	OAV GUNDAL	AT/PO- GUNDAL, PS- KUNDRA, BLOCK-KUNDRA, DIST- KORAPUT, ODISHA, PIN-764043	764043
315	21170500174	OAV ICONIC	Bhubaneswar, Odisha 751003	