



**ODISHA MADHYAMIKA SHIKSHA MISSION**  
N-1/9, NAYAPALLI, PO- SAINIK SCHOOL, BHUBANESWAR-751005

Phone No.0674-2302324, Email- [misomsmbbsr.od@gov.in](mailto:misomsmbbsr.od@gov.in)  
No. 683 / Date 20.3.2018



**Office Order**

Request for Proposal (RFP) for Engagement of Internal Auditors to Audit of Implementation of e-Vidyalaya Project under ICT@School Scheme executing through OKCL by engaging the Implementing agencies i.s IL & FS Education and TCIL

Odisha Madhyaika Shiksha Abhiyan (O MSM), RMSA, Head Office at Bhubaneswar invites sealed public tenders for engaging Internal Auditors to Audit Implementation of e-Vidyalaya Project under ICT@School Scheme being executed through OKCL by engaging the implementing agencies i.e. IL & FS Education and TCIL as per the following:

S. N.	Particulars	Remarks
1	Office of issue	State Project Director, Odisha Madhyaika Shiksha Abhiyan (O MSM), RMSA, Bhubaneswar
2	Tender No.	<u>683/20-03-2018</u>
3	Date of Pre-Bid meeting	27.03.2018, 4.00 P.M.
4	Last date & Time of receipt of Tender	03.04.2018, 3.00 P.M.
5	Due date & time of opening of Tender	03.04.2018, 4.00 P.M.
6	Validity of offer	15 days from the date of opening of tender

Interested parties may download the tender document containing all details from websites: [www.oavs.in](http://www.oavs.in). Any corrigendum/extension to above shall be hosted in above websites only.

For Odisha Madhyaika Shiksha Abhiyan (O MSM), RMSA

  
State Project Director

Copy to the Notice Board O MSM, RMSA, Bhubaneswar, OPEPA, Bhubaneswar, Institute of Chartered Accountant of India (ICAI), Bhubaneswar Chapter, Bhubaneswar and Director, I&PR, Bhubaneswar for wide publication.

  
State Project Director

Memo No. 684 / Date 20.03.2018

Copy to the State Project Director, OAVS for uploading the bid document in the website i.e [www.oavs.in](http://www.oavs.in) for wide publication of the matter.

  
State Project Director

**BID DOCUMENT**

**LIMITED TENDER CALL NOTICE FOR CONDUCTING INTERNAL AUDIT OF OKCL  
& ITS IMPLEMENTING AGENCIES FROM ITS INCEPTION TO TILL DATE.**

TENDER NO. 683/OMSM/ICT DT. 20.03.2018



**RSATRIYA MADHYAMIKA SHIKSHA AVIYAN (RMSA)**

Office Address :-

N 1/9, P.O.- Sainik School, Nayapalli  
Bhubaneswar-751005, Odisha  
Phone No.- 91-0674-2302324  
Fax :- 91-0674-2390308  
Email :- [misomsmbbsr.od@gov.in](mailto:misomsmbbsr.od@gov.in)

## **EXPRESSION OF INTEREST FOR APPOINTMENT OF AUDITOR TO AUDIT e-VIDYALAYA PROJECT UNDER ICT@SCHOOL SCHEME**

The Odisha Madhyamika Shiksha Mission (OMSM) is situated at N1/9,P.O- Sainik School,Nayapalli,Bhubaneswar,Odisha,751005.

The Odisha Madhyamika Shiksha Mission (OMSM) invites offers from interested Chartered Accountant firms for appointment as Auditor for the year 2017-18 with experience in auditing the Accounts of Institutions/statutory bodies.

### **OBJECTIVES**

The objectives of the Audit is to seek a professional opinion on the financial statement of “Odisha Knowledge Corporation Limited” from the financial year 2011-12 to till date and to ensure proper maintenance of books of accounts and other relevant documents at all levels i.e at OKCL,ILFS ,TCIL & Sample Schools.

### **SCOPE**

The major areas to be covered are as under:-

1. Audit to cover the areas ensuring that,

(a) Transactions are recorded as per principles of Generally Accepted Accounting Principles and are booked to proper accounting heads.

(b) Utilization of funds is in accordance with financing agreements.

(c) To check all statutory records registers and to see that accounting effects of all the decisions taken at OKCL & are given in the Books of Account.

(d) Goods and services have been procured in compliance with the financing agreement.

(e) Transactions are duly supported by proper supporting documents.

(f) Checking the maintenance of books of accounts and records.

(g) Checking the bank reconciliation statements.

(h) Checking of component wise, category-wise and account head wise expenditures.

(j) Checking of various taxes/statutory compliance.

(k) Verification of interest received.

(l) To give executive summary incorporating all points/matters; which are of very important in nature.

2. Financial Books

(a) Verification of Bank Book Journal, Vouching of Imprest Cash.

(b) Scrutiny of all General Ledger relating to funds received from OMSM.

(c) Verification of cash, cheques on hand etc. as on 31st of March of the year under audit.

(d) Verification of all computer vouchers and sheets

(e) Scrutiny of general ledger and Preparation of Year wise Income and Expenditure Statement and Balance sheet and other Schedules.

(f) Verification of Salary / Consultancy payments, P.F, I.T., TDS, Service Tax, Professional Tax, Works Contract Tax, GST, etc. and submission of various return to the competent authority in time.

(g) Verification of fixed asset and reconciliation of physical verification report with the Fixed Assets Register.

(h) Verification of detailed schedule of interests received and calculations of accrued interest.

(i) Verification of all financial information completely, promptly and after the necessary authorisation was recorded.

(j) Any other work related to Accounts Finalization.

Comprehensive audit

The areas covered by comprehensive audit may cover comparison of the results shown in the current period financial statements with prior periods and if available, with budgets and forecasts, investment decisions, delegation of financial powers and management of information systems, organisational effectiveness, management of fixed assets etc.

System Improvement

The selected Auditor(s) will report and suggest improvement in the existing procedures. The Chartered Accountant firm so appointed would be required to give:- Audit Certificates and issue any other certificate as may be required by the Organisation from time to time without any additional fee to be paid by the OMSM (RMSA). The responsibilities of the audit also include reporting on the adequacy of statements. The selected Auditor(s) will liaise with the Management for the periodical meetings to review the progress of the work and to ensure requirement be fully met.

The Chartered Accountant firm so appointed would be required to look into the compliance of previous audit objections raised (if any) and have to verify or comment on the supporting documents/ vouchers submitted at later stage, in the Audit report of this assignment.

Reporting

After finalization of Audit, the Auditors shall submit Audit Report to the Odisha Madhyamika Shiksha Mission (OMSM) within the stipulated time period.

GENERAL

Auditor would be given access to all Books of Accounts, Procurement documents, Legal documents, Approval/Sanction letters/notes, and all other documents and information which they think necessary for the purpose of audit. The auditors may make specific observations

with respect to the efficiency of financial procedure, the accounting system and in general, the administration and management of the organization.

#### **PRE-QUALIFICATION CRITERIA OF THE CA FIRM**

The bids of only those firms will be considered, which satisfy the following eligibility criteria:

- a. The Chartered Accountant Firm should be registered with The Institute of Chartered Accountants of India (ICAI) and having Income Tax Permanent Account Number (PAN) and Service Tax Registration / GSTIN.
- b. The firm should be empanelled with Government Agencies / Departments / Ministries like C &AG.
- c. The firm should have been in operation for minimum 10 years after its registration and at least 5 years experience in Audit of Annual Accounts of Central Autonomous Bodies /Public Sector Undertakings/Statutory Bodies and Filing of Returns of Income Tax.
- d. The average gross professional fee received / earned by the firm in the last 3 financial years (2014-15, 2015-16 and 2016-17) must be equal to or more than Rs.10.00 lakhs per annum.
- e. The firm should have at least 3 partners. The audit firm shall have a minimum of 3 full time chartered accountants of which at least 2 should be full time partners exclusively associated partners.
- f. In addition to the partners, the firm should have minimum 2 Nos. of Article Clerk including other experienced staff performing audit / accounting work in addition to the Partners.
- g. Preference will be given to those firms having experience in similar school education project like SSA, RMSA, MDM etc.

#### **PAYMENT TERMS**

- a. The professional fee plus applicable Taxes (GST) for the entire contract period shall be made against invoices on completion of the audit and submission of audit report. No proposal for variation would be allowed during the contract period.
- b. Taxes as per Income Tax Act or any other taxes will be deducted at applicable rates from all payments made by the Institute.

#### **SUBMISSION AND EVALUATION OF THE TENDER**

##### **Submission of tender**

Interested firms meeting all the pre-qualification criteria as mentioned above may submit their offer in the prescribed Annexure / sub-Annexure of this tender.

(i) Annexure-A duly filled Pre-qualification Bid, EMD for Rs.1000/- (Rupees One Thousand only) along with all supporting documents duly signed with Seal of the authorized Partner and should be submitted in one sealed envelope super scribed as – ‘E.O.I for Tender No. OMSM/ ICT/ AUDIT /0 / 2017-18.

(ii) The tender should reach the following address latest by 13:00 hours of , 2017.

The State Project Director, OMSM (RMSA) , N1/9,P.O- Sainik School, Nayapalli, Bhubaneswar, Odisha,751005.

(iii) The Organisation reserves the right to accept or reject any or all the offers received or cancel the bidding process at any time prior to award of contract, without assigning any reason.

(iv)The firm should not be blacklisted or banned by any of the government department of PSU

(Self attested affidavit to be given in this regard by the partner of the firm).

(v) The senior partner has to be present periodically at the OMSM office for finalizing the audit and has to hold periodic meetings with Director/ FA(OMSM) for which no expenses will be borne by the OMSM.

Other partners and other qualified professionals will spend all their stipulated man days at site for which no expenses will be borne by the Institute.

#### Pre Bid Conference

The bidders or their authorized representatives are invited to attend the pre - bid conference, which would be held in the Conference hall of State Project Office, OMSM on

The purpose of the conference is to clarify the issues and to answer questions/doubts on any matter that may be raised at that stage. The bidders may give their suggestions, if any, in the conference.

#### Programme Financial Statements

The Programme Financial State should include –

A. Statement of Sources and Applications of Funds :- to be provided to the selected bidder.

B. Other Statement or Schedule as :

- A statement showing appropriate major heads of expenditure by Project Component/Sub-component.
- A summery of cumulative expenditures by category of expenditure such as equipments, furniture's, training and other components etc.

- C. Management Assertion: Management should sign the project financial statements and provide a written acknowledgement of its responsibility for the preparation and fair presentation of the financial statements and an assertion that project funds have been expended in accordance with the intended purposes as reflected in the financial statements.

#### Interim Financial Reports

In addition to the audit of the PFS, the auditor is required to audit all IFRs submitted to the State Office during the period of audit examination. The auditor should apply such tests as the auditor considers necessary under the circumstances to satisfy the audit objectives. In particular, these expenditures should be carefully examined for project eligibility by reference to the grants agreements. Where ineligible expenditures are identified as having been included in the IFRs, these should be separately noted by the auditor.

#### Audit Report

An audit report on the project financial statements should be prepared in accordance with the Engagement and Quality Control Standards promulgated by the Institute of Chartered Accountants of India (ICAI). Those standards require a clear written expression of opinion on the financial statements taken as a whole. An unqualified opinion indicates the auditor's satisfaction in all material respects with the matters laid down under the relevant agreement. When a qualified opinion, adverse opinion or disclaimer of opinion is to be given or reservation of opinion on any matter is to be made, the audit report should state the reasons thereof. In addition, the audit opinion paragraph will specify whether, in the auditor's opinion,

- (a) With respect to IFRs, adequate supporting documents has been maintained
- (b) Except for ineligible expenditures as detailed in the audit observations, if any, appended to the audit report, expenditures are eligible for functioning as per ICT@School Scheme, RMSA guidelines.

ANNEXURE-A

Sl. No.	Particulars	Details	Firm Strength and Capacity
1.	Chartered Accountant Firm	Name & Address of Firm	
		Name and address of the Authorized Partner	
		Telephone/Mobile No.	
		Mobile No(s)	
		E-mail id	
2.	Prequalification Criteria The CA Firm should be Registered with the Institute of Chartered Accountants of India (ICAI) for minimum 5 years and must possess permanent account number (PAN) under Income Tax and registration number under Service Tax	Mention Registration Number and Date of Registration(Submit copies of the registration certificates and constitution certificate generated online from The Institute of Chartered Accountants of India)PAN of the CA Firm (Submit copy)Service Tax Registration No.	
3.	Mention Registration Number and Date of Registration(Submit copies of the registration certificates and constitution certificate generated online from The Institute of Chartered Accountants of India)PAN of the CA Firm (Submit copy)Service Tax Registration No.	Average Gross Professional Fees received/Earned Details to be provided as per (Submit proof of professional fee received)	
4.	The Firm should have at least 5 years experience in Annual Accounts of AutoCent Autonomous Bodies / Undertakings/Statutory Bodies under an Act of and Filing of Returns of Income Tax	No. of Central Autonomous Bodies/ Public Sector Undertakings/Statutory Bodies where similar services were provided in the last 5 years.(Attach copy of works Orders as evidence	
5.	CA Firm should have minimum 3 (three) partners	Partners:- FCA : ACA : Submit the details of the Chief Functionaries of the CA firm	
6.	Numbers of professionals and other staff on payroll of Firm	No. of Article clerks and other professionals performing audit/ accounting work (in figures and words) along with their name, membership number and the Institute from where they have passed.	

Certified that the above particulars are correct. In the event of any information found to be incorrect, be it at any time, ICAI is at liberty to reject the proposal/work awarded to this CA Firm.

Date:  
OFFICE SEAL:

Signature:  
Name:  
Designation



ANNEXURE-B

(On Firms Letter Head)

Undertaking

I/We the following partners of M/s. , Chartered Accountants do hereby jointly and severely verify and declare –

(i) that the particulars given are complete and correct and that if any of the statements made or the information so furnished in the application form is later found not correct or false or there has been suppression of material information, the firm would not only stand disqualified from allotment but would be liable for disciplinary action under the Chartered Accountants Act,1949 and the regulations framed there under;

(ii) that the firm, or partners has not been debarred or cautioned by ICAI during the last five years, (if debarred, give details);

(iii) that individually we are not engaged in practice otherwise or in any other activity which would be deemed to be in practice under section 2 (2) of the Chartered Accountant Act, 1949;

(iv) that the constitution of the firm as on 1st April of the relevant year shown is same as that in the constitution certificate issued by the ICAI.

Sl. No.	Name of the Partner	Status ACA/FCA	Membership Registration No.	PAN No.	Audit Fees(Inclusive of GST)

UNDERTAKING

\*\*\*\*\*

Date:

To,

The State Project Director  
Odisha Madhyamik Shiksha Mission  
RMSA, Bhubaneswar  
Odisha

I/We .....am/are as a service provider for Internal Auditor of Odisha Madhyamik Shiksha Mission, RMSA, Bhubaneswar, Odisha (now on wards to be referred as Company). I/We agree and undertake:

1. Not to provide any gift and/or inducement to any employee of the Organization in connection with securing/being granted favour(s) in my/ our dealings with the Organization and its executing units namely OKCL, and implementing agencies IL & FS Education and TCIL responsible for implementing the ICT@School Scheme in Govt. and Govt. Aided Secondary Schools in the state..
2. To immediately report any gift and/or inducement sought by any employee of the Organization in exchange of the Organization and/ or its executing, and implementing agencies granting favour(s) to me/ us in my/our dealing with the Organization and/ or its field units.

We further declare that no bid has been submitted by any related party as defined under point (v) of the tender.

Signature: .....

Name: .....

Capacity in which signed: .....

Name of the Firm& Address (With Seal): .....

**PRICE BID FORMAT**

(To be submitted in separate envelope) Internal Auditor for the financial year 2017-18

\*\*\*\*\*

Name of the Firm:

Sl. no	Particulars	Amount (Rs)
1	Annual fee of Internal Audit works	
2	Applicable Service tax or GST in lieu of	
3	Total (1+2) (Rupees..... only)	

Signature of the Authorized person  
or partner of the firm with seal

Notes:

1. Service tax shall be paid as prevailing rate at actual and if service tax is not applicable the bidder should mention clearly in the bid document.
2. Total price shall be indicated in both figures & words. In case there is any discrepancy between figures & words, words shall prevail.
3. If all the component of price bid is not quoted separately the bid shall be rejected.



Module for Audit  
of  
e-Vidyalaya Project  
under  
ICT@School Scheme

---

## REPORT ON ICT@SCHOOL(e VIDYALAYA) PROJECT, ODISHA

### Overture:

In our State of Odisha, ICT@School project has been christened as "e-Vidyalaya" which is an initiative and has created measurable change among the students learning in Govt. and Govt. aided High Schools under Odisha Madhyamik Shiksha Mission under the flagship of S&ME Deptt.. The transformation rate amongst all the students reading in class-IX and X has been apparent owing to a systematic planning to induce them to adapt suitable technology along with all teachers of 4000 Government and Govt. aided High Schools. As a monitoring driving force, the team of Odisha Knowledge Corporation has been carrying out a target to improve the teaching learning method just synthesising the conventional way followed since long.

### ICT Lab at Malkanigiri district



The Student's centric technological upbringing during school hour has got a spectacular landmark in the history of Odisha by achieving the highest percentage of pass rate among the students of Class-X during the year.

### Pre and Post Scenario:

#### Pre Scenario:

- Prior to ICT intervention in schools, student v/s teacher was very monotonous and conventional which was far from to any digital synthesis as a result of which students were ambitious to watch programs broadcasted through television and Cartoon channels and ought

to be guided monotonously to study in the school hour.

- The method of teaching was depending upon the quality and skill of teachers that was varied from person to person and without any unique platform.

#### Post Scenario:

- Post scenario is really interesting one because the students are voluntarily accepting the system and highly self-motivated through e Learning, e Content and various joyful platform introduced through e Vidyalaya.

- The methodology of learning ensures and creates evidences which are measurable to create the learning graph and guide them for further improvement.
- Teachers are gradually getting pleasure through learning and teaching methods so introduced and the evaluation and monitoring system has being automated.

Quality initiative undertaken:

1. Teacher's training:

The teachers training activities have been carried out in six layers of teachers' training programmes.

- In the first layer, the hardware installed in the ICT lab are demonstrated thoroughly to the School teachers.
- In the second layer, Face-to-face class room training of teachers have been organized on usages of ICT lab and e Content as well as various software installed for learning and monitoring.
- In the third layer, the computer fundamentals learning has been imparted by the Master Trainers deployed and also through the Doordarshan serial named "AAMA SCHOOL.COM". The first slot of 10 episodes of the serial covered OMR training, subject experts' discussion which was widely appreciated by the educationists. The next slot of 130 episodes comprised the office tools teaching based on case studies related to real life situation.
- The fourth layer includes certification course named OS-CIT (Odisha State Certificate in Information Technology) for learning office tools learning covered though e content developed emphasizing teachers' pedagogy. It is in interactive mode comprising of 132 hrs of extensive evidence-based multimedia content. At present, around twenty two thousand teachers are enrolled for certification and continuing their learning through OS-CIT. The learning progression of the learner can be monitored centrally from the framework deployed. The eLearning material offered in OS-CIT is continuously punctuated with a variety of formative e -Assessment sessions which is as follows:
  - Seek convergence of Learning and Assessment
  - Remove monotony and boredom in learning
  - Add challenge, excitement and engagement
  - Ensure learner's continuous progression in upward spiral



- e. Enhance continuous improvement in skill mastery
  - f. Build a portfolio of accomplishments as an evidence of expertise and proficiency for the scrutiny of potential employers
  - g. Provide continuous feedback to the learning facilitators for instant improvements.
- e. The fifth layer includes training on hardware repair and maintenance.
  - f. The sixth layer of training will be given to encourage them to prepare e Content using office tools and internet. The first four layers are executed from the academic year 2014-15 to 2015-16. The last two layers will be carried in the year 2016-17 to 2018-19.

Beside this, Refresher training is imparted to the teachers at school level by the Implementing Agencies to train them in the area of effective use of ICT lab in continuous process of teaching and learning. This also shall encourage them to build capacity to handle the ICT lab after BOOT period when the ICT labs will be handed over to the School authorities. The refresher training for teachers is carried out in each year for the five years period i.e. from 2014-15 to 2018-19.

## 2. Monitoring:

- A. For smooth and proper implementation of the e-vidyalaya project the Quality check process was carried out in following ways.
- The bidders were asked to submit Installation and Commissioning Report which was cross examined and signed by School Head Masters.
  - The teachers of the schools are demonstrated about the usage of the ICT equipment installed at the school by the Original Equipment Manufacturers. A demonstration report signed by the teachers attended was also presented by the bidders.
  - For effective maintenance of the ICT labs, School Coordinators were deployed whose joining report was also submitted by the implementing partners.
  - OKCL representatives visited each school and prepared a check list as well as equipment-wise report regarding installation. The earthing and the functioning of electrical equipment were verified by certified Electrical contractors.
  - An *Asset monitoring software (WORM)* has been designed to capture all the detailed configurations such as size of Hard disk and type of operating system installed. All the details are uploaded from ground level and compared with the required configuration and got approved. Reports are also submitted by OKCL representatives who are deployed for survey at the schools every month.
  - After installation of ICT lab, the monitoring information such as the school information, the photographs of ICT lab, its equipment and assets are uploaded through the GPS enabled tablets to the web portal. The surveyors capture the monitoring information about the ICT lab assets;

photographic testimonials in High-end GPS enabled tablets

B. Output based monitoring mechanism introduced by Govt.:

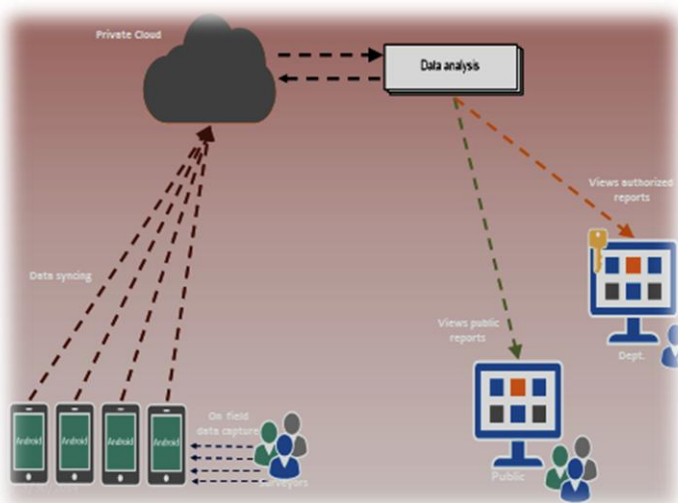
- Support System Portal: To know the hardware downtime and complaint log in process OKCL has introduced Support System to receive complaints through various mode and issue tickets to the implementing agencies to resolve the issues on time.
- Inspection and Validation: In course of implementation of the project in several phases the ICT labs have been set up and as per the specifications, delivery and installation of hardware has been completed in all implemented schools. Thereafter, the Installation and Commissioning Reports were signed by the Headmasters of the school and it was validated by the District Lead Centre (DLCs) and ICT Coordinators deployed by OKCL. Third Party validation of electrical wiring has been done by different empanelled electrical engineers. Technical specification has been validated through WORM, by means of monthly visit by the ICT Coordinators and Tab upload from the school point.

ICT Coordinator: ICT Coordinators have been deployed by OKCL to visit the schools and supervise the functionality of the ICT labs in their jurisdiction i.e. one ICT Coordinator per 60 schools(65 in Total) and upload the photographs and other sources of information through geographical positioning system (GPS) enabled Tab. Each ICT Coordinators visit each school at least once in a month to ensure the functionality of lab and providing adequate support and training if required.

- GPS Based Tab: The GPS enabled Tab is a portable device which has been provided to all ICT Coordinators by OKCL to ascertain their visit to schools and tracking of the particular location of the schools and his movement for smooth coordination of the project by receiving

geographical positioning information. It is used to upload all photographs of lab and other required information through pictorial shape to know the status of the Lab equipment and observe the functionality of the ICT labs.

MONITORING MECHANISM THROUGH TAB



C. e Vidyalaya Web portal:

The web based portal viz: [www.evidyalaya.org](http://www.evidyalaya.org) has been hoisted to publish and uploading of information for monitoring the project and to make the project activities more





transparent. Using [www.support.evidyalaya.org](http://www.support.evidyalaya.org) all stakeholders of the project are lodging the issues which are resolved by implementing agency.

D. Daily activities for Monitoring:

- I. Call centre executives are working under the project who call the School Coordinators and cross check the activities done by the School Coordinator in the schools.
- II. The Call centre executives of the implementing agencies are making telephonic calls in each day according to the calling script and as per the requirement of the project.
- III. They conduct a meeting before starting of the work in each day and make compilation of data collected from schools, School Coordinators and District Coordinators that supports the smooth Project monitoring system.
- IV. OKCL has introduced SMS and missed call system to receive information and complaints from schools to resolve the issues.
- V. Random Visit of Project Monitoring Team: The Project Monitoring members are making unscheduled visits to the Schools and Districts to know the status of the project activities in their respective areas and prepare consolidated reports for necessary support to monitor the project.
- VI. e Vidyalaya Attendance System: Online and offline based attendance system has been introduced by OKCL for all the school coordinators under the project to monitor their attendance in the schools on daily basis which is also reached through SMS to various stakeholders.

3. e Content:

- A. The multimedia content for standard 9th and 10th has been developed and prepared under guidance of Subject Experts of Board of Secondary Education, Rashtriya Madhyamik Sikshya Abhiyan (RMSA) and Senior Educationists of Odisha.
- B. After preparation, the e Contents were vetted and approved by State Council of Educational Research and Training (SCERT).
- C. The e Contents on various subjects are taught to class-IX and X students in the secondary schools and it is being used by the teachers while teaching the students of all implemented schools. The contents are of two categories like inform type through ERA and perform type through Peer assessment system.
  - i. Inform type: The inform type content comprises of animation and videos in interactive mode. These are designed to make the understanding of complex subjects easy. It makes the learning more practical oriented and makes the student to feel the content. There are many concepts in subjects such as Science where teaching through animation and videos bring conceptual clarity. Individual logins are provided for all the Students.
  - ii. Perform type: The perform type content is based on Continuous Comprehensive Assessment where each subject contains 100 objective

multiple choice questions per chapter like fill in the blanks and match the pairs with reasoning. While there are group of four students per computer, each student gets one question and the answer gets confirmation from the other three. The answer is shown with feedback at the end of submission of answer by the last student. The next question is asked to the second student and the answer provided gets confirmed by the other three and so on. As the same question is asked to four students, there is impetus for group activity. The subjects such as Communicative English as well as Sanskrit are also included. Group Learning mode is also available. The students need to appear 3 Tests per Chapter comprising of 100 questions per Chapter in Group Learning Environment.

- iii. A portal has been designed for monitoring the learning of the students where the information of leaning progression of each student based on different subjects is available. Based on the assessment of individual student, focus on particular topics where the student is weak. Similarly, assessment of teachers can be made based on students' performance.

## Status of Teachers Training

S. no.	District	No. of Schools	Number of teachers registered for fourth phase of teachers' training programme	Number of teachers continuing their Learning fourth phase of teachers' training programme	Count of Top Performing Teachers	No. of Students continuing their learning through evidence-based Peer Assessment Learning Framework(9th)	No. of Students continuing their learning through evidence-based Peer Assessment Learning Framework(10th)	No. of SC issues raised through e-Vidyalaya support Portal ***	Total no. of issues raised through e Vidyalaya Support portal	Number of Schools having Broad band Connectivity
1	Balasore	269	1742	1059	490	931	20133	0	3	70
2	Bhadrak	174	1064	750	169	243	12037	0	3	20
3	Mayurbhanj	273	2012	1024	163	881	20774	0	1	35
4	Jagatsinghpur	151	1281	1043	857	806	9731	0	2	16
5	Jajpur	237	1818	1506	1322	483	15294	0	40	31
6	Kendrapara	203	1628	1408	1299	466	12577	0	7	14
7	Cuttack	273	1886	911	225	1080	17908	0	15	108
8	Khurda	179	1436	959	317	5329	17639	0	15	62
9	Nayagarh	119	855	607	21	4324	9644	0	30	31
10	Puri	170	1582	996	178	5505	15978	0	18	20
11	Bargarh	128	988	878	676	4672	12072	0	29	31
12	Deogarh	31	211	195	179	864	2958	0	0	8
13	Jharsuguda	59	442	300	174	1625	5145	0	10	13
14	Keonjhar	221	1623	1227	740	3456	16172	0	2	32
15	Sambalpur	105	726	615	545	6479	13920	0	10	33
16	Angul	121	857	595	224	2870	11066	0	3	32
17	Balangir	138	989	699	472	5585	16291	0	3	36
18	Dhenkanal	140	1025	854	513	2033	11157	1	9	35
19	Subarnapur	50	366	306	213	112	3684	0	1	7
20	Sundergarh	181	1347	1212	1070	6488	19667	3	19	46
21	Boudh	28	225	203	186	2757	6019	0	0	0
22	Gajapati	42	429	319	259	518	4046	0	0	12
23	Ganjam	261	1766	1133	797	871	20394	0	2	108
24	Kalahandi	110	942	799	650	2648	11485	1	29	19
25	Kandhamal	57	489	264	173	156	4423	0	0	16
26	Koraput	82	559	533	146	1650	8788	0	0	17
27	Malkangiri	33	246	52	1	0	1981	0	2	3
28	Nabarangpur	52	396	340	139	2554	5606	0	0	9
29	Nuapada	51	396	361	215	522	4727	0	0	8
30	Rayagada	62	511	482	70	1162	6770	0	7	29
Total		4000	29837	*21630	12483	67070	338086	5	260	**901

\* Rest uploaded teachers (In 5th Column)are continuing their learning in "OS-CIT for Teachers"

\*\* Rest schools (In 11th column)under IETS and TCIL are provided with 2293 and 530 numbers of dongle respectively

\*\*\*Issues raised where no. of School Coordinators absent for more than 3 days

ANNUAL PROGRESS REPORT FOR THE YEAR 2016-17

Name of the State: Odisha - Phase-I 4000 Schools Project

1. Secondary Stage

1.1 School covered

Sl. No.	Name of the District	No. of Secondary School			Grand Total
		Govt.	Govt. Aided	Total	
1	2	4	5	6	7
1	ANGUL	119	2	121	121
2	BALASORE	239	30	269	269
3	BARGARH	128	0	128	128
4	BHADRAK	166	8	174	174
5	BOLANGIR	136	2	138	138
6	BOUDH	28	0	28	28
7	CUTTACK	273	0	273	273
8	DEOGARH	31	0	31	31
9	DHENKANAL	139	1	140	140
10	GAJAPATI	42	0	42	42
11	GANJAM	261	0	261	261
12	JAGATSINGHPUR	150	1	151	151
13	JAJPUR	219	17	236	236
14	JHARSUGUDA	59	0	59	59
15	KALAHANDI	110	0	110	110
16	KANDHAMAL	57	0	57	57
17	KENDRAPARA	195	8	203	203
18	KEONJHAR	213	8	221	221
19	KHORDHA	179	0	179	179
20	KORAPUT	80	2	82	82
21	MALKANGIRI	34	0	34	34
22	MAYURBHANJ	260	13	273	273
23	NABARANGPUR	51	1	52	52
24	NAYAGARH	118	1	119	119
25	NUAPADA	51	0	51	51
26	PURI	164	6	170	170
27	RAYAGADA	62	0	62	62
28	SAMBALPUR	101	4	105	105
29	SONEPUR	49	1	50	50
30	SUNDERGARH	180	1	181	181
	<b>TOTAL</b>	<b>3894</b>	<b>106</b>	<b>4000</b>	<b>4000</b>

## 1.2 Students Covered

Sl. No.	Name of the District	No. of Students Covered		
		Govt.	Govt. Aided	Total
1	2	4	5	6
1	ANGUL	19473	139	19612
2	BALASORE	40885	6024	46909
3	BARGARH	17757	227	17984
4	BHADRAK	31544	2161	33705
5	BOLANGIR	24778	463	25241
6	BOUDH	7113	232	7345
7	CUTTACK	39698		39698
8	DEOGARH	3917		3917
9	DHENKANAL	22301	231	22532
10	GAJAPATI	7769		7769
11	GANJAM	56526		56526
12	JAGATSINGHPUR	20821	302	21123
13	JAIPUR	32716	3097	35813
14	JHARSUGUDA	7523		7523
15	KALAHANDI	21685	146	21831
16	KANDHAMAL	12188	128	12316
17	KENDRAPARA	28306	1838	30144
18	KEONJHAR	26891	1388	28279
19	KHORDHA	34999		34999
20	KORAPUT	14333	390	14723
21	MALKANGIRI	6841		6841
22	MAYURBHANJ	40347	2546	42893
23	NABARANGPUR	10430	269	10699
24	NAYAGARH	18882	78	18960
25	NUAPADA	8724		8724
26	PURI	30222	1191	31413
27	RAYAGADA	13041		13041
28	SAMBALPUR	14922		14922
29	SONEPUR	9224		9224
30	SUNDERGARH	28789	110	28899
	Grand Total	652645	20960	673605

## 2. Higher Secondary/PUC Colleges/ Intermediate College

### 2.1 Higher Secondary schools PUC Colleges/ Intermediate College

Sl. No.	Name of the District	Name of Block	No. of Secondary School			Grand Total
			Govt.	Govt. Aided	Total	
1	2	3	4	5	6	7
	NIL	NIL	NIL	NIL	NIL	NIL

### 2.2 Students Covered

Sl.No.	Name of the District	Name of Block	No. of Students Covered		Total
			Govt.	Govt. Aided	
1	2	3	4	5	6
	NIL	NIL	NIL	NIL	NIL

### 3. Total No. of schools covered (Secondary/Higher Secondary/ PUC colleges/Intermediates)

Sl. No.	Secondary Schools	Higher Secondary Schools/PUC Colleges/ Intermediate Colleges	Total
1	2	3	4
1	4000	NIL	4000

### 4. Total No. of students covered

Sl. No.	Secondary Schools	Higher Secondary Schools/PUC Colleges/ Intermediate Colleges	Total
1	2	3	4
1	672616	NIL	672616

5. Hardware/Equipment installed in each school

No.	Item Name	Quantity
1	2 KVA UPS ( online)	1 No
2	Integrated Computer cum Projector	1 No
3	Interactive White Board	1 No.
4	Server Computer System	2 Nos
5	Client Devices	10 Nos
6	Internet Connectivity 512 Kbps	1 No
7	Web Camera	1 No
8	Head phone	40 Nos
9	Head phone sharer	10 Nos.
10	Multi Functional Printers	1 No
11	Ethernet Switch (16 Port)	1 No
12	3KVA Silent Generator	1 No
13	Servo Stabilizer ( 5 KVA)	1 No

No.	Infrastructure	Quantity
1	Ceiling Fan	2 Nos
2	Exhaust Fan	2 Nos
3	Student Chairs	40 Nos
4	Faculty Chair	1 No
5	Computer Table	11 Nos
6	Printer Table	1 No
7	Faculty Table	1 No
8	Tube-lights	4 Nos
9	Energy Sub-Meter	1 No
10	MCB Switch	1 No
11	Notice Board	1 No
12	White Board	1 No
13	Changeover Switch	1 No
14	Vinyl Flooring	As Actual
16	Painting	As Actual
17	Fire Extinguisher	1 No
18	Wall Clock	1 No
19	Lab Cleanness Kit	1 Set

6. Total no. of Hardware/equipment procured during the year

Sl.No.	Hardware / Equipment's	Total No.
1	2	3
1	2 KVA UPS ( online)	4000
2	Integrated Computer cum Projector	4000
3	Interactive White Board	8000
4	Server Computer System	40000
5	Client Devices	4000
6	Internet Connectivity 512 Kbps	4000
7	Web Camera	4000
8	Head phone	160000
9	Head phone sharer	40000
10	Multi Functional Printers	4000
11	Ethernet Switch (16 Port)	4000
12	3KVA Silent Generator	4000
13	Servo Stabilizer ( 5 KVA)	4000
15	Ceiling Fan	8000
16	Exhaust Fan	8000
17	Student Chairs	160000
18	Faculty Chair	4000
19	Computer Table	44000
20	Printer Table	4000
21	Faculty Table	4000
22	Tube-lights	16000
23	Energy Sub-Meter	4000
24	MCB Switch	4000
25	Notice Board	4000
26	White Board	4000
27	Changeover Switch	4000
28	Vinyl Flooring	4000
29	Painting	4000
30	Fire Extinguisher	4000
31	Wall Clock	4000
32	Lab Cleanness Kit (Sets)	4000

7. Details of Operating and application software used in the program

No.	Software	Quantity
1	Text book based Educational Software	On all Desktops
2	Computer Education Software	On all Desktops
3	Additional Educational Software	On all Desktops
4	Antivirus software with 5 year upgrades and updates	1 License per desktop
5	Windows Multipoint Server 2011 (Premium Edition)	1 License per desktop
6	User Client Access License	1 License per desktop and client
7	Microsoft Office 2010 (Standard Edition)	1 License per desktop
8	UBUNTU O/S	1 License per Integrated Computer cum Projector



8. Details of Education Software used for the programme  
 -Digital e-learning educational contents for Textbook based curriculum  
 -e-Learning Revolution for All (ERA)  
 - Online Evaluation System (OES) for students

9. Provision of Internet Connectivity:

- i) No. of schools having internet connectivity -  
4000
- ii) No. of schools covered through broadband -  
1015
- iii) No. of schools having internet connectivity through alternative mode -  
2985

10. The list of agencies selected for implementation of ICT@school scheme

Sl.No.	Name of Agency along with complete address	No. of Schools allotted
1	IL&FS Education and Technology Services Ltd., 3 <sup>rd</sup> Floor, NTBCL Building, Noida Toll Plaza, DND Flyway, Noida, Uttar Pradesh - 201301	3409
2	Telecommunications Consultants India Ltd. ( A Govt. of India Enterprise) 91, District Centre, Chandrasekharpur Bhubaneswar-751016, (Odisha)	591

11. Teacher Training

Sl. No	Activity	Details
1	Institution (s) responsible for training of teachers	IL&FS and TCIL
2	Brief Details of Modules Developed	Basic IT literacy program through evidence based framework
3	Nature of Training i) ICT Literacy ii) AAMA School. Com iii) Refresher	Yes Yes Yes
3	ICT Literacy	One day training of teachers have been organized on usages of ICT lab and e-content as well as various software provided to the ICT lab
4	AAMA School.com	It is a specially designated program is being telecasted in Doordashan to train the teachers and it is dedicated for the interest of the public. AAMA School.com programme is an e-vidyalaya initiative meant for training the teachers across the state of Odisha and how incorporate Information Technology in their day to day teaching process & to help them in using

		the new facilities to their full extent. The main significance of this programme is to provide special training to all the teachers for effective use of ICT in teaching & learning process.
5	Learning IT skills through e-learning Revolution for all(ERA)	The eLearning material offered in ERA is continuously punctuated with a variety of formative e -Assessment sessions which is as follows: <ul style="list-style-type: none"> <li>a) Seek convergence of Learning and Assessment</li> <li>b) remove monotony and boredom in learning</li> <li>c) add challenge, excitement and engagement</li> <li>d) ensure learner's continuous progression in upward spiral</li> <li>e) enhance continuous improvement in skill mastery</li> <li>f) build a portfolio of accomplishments as an evidence of expertise and proficiency for the scrutiny of potential employers</li> <li>g) Provide continuous feedback to the learning facilitators for instant improvements.</li> </ul>
6	Refresher training	It has been imparted to the teachers at school level by the Implementing Agencies to train them about the project and usages of ICT lab

12. Whether Web Portal is Created ?

- i) If so the address of the web portal :
- ii) If not , reasons therefor and time by which it will be created:

Yes. [www.evidyalaya.org](http://www.evidyalaya.org) .

13. Whether third Party Evaluation of the Scheme was done?

- i) If so , forward a report of the same
- ii) If not, reasons therefor and time by which it will be done

Government of Odisha has been conducted Third Party Evaluation of ICT @ School Scheme in Phase I Secondary Schools in Odisha through a Rapid Assessment of 400 schools through M/s TARU Leading Edge Pvt. Ltd, an empanelled vendor of Programme

Performance Outcome Monitoring Unit (PPOMU) working under the aegis of the Finance Department, Govt. of Odisha.. The report of the same has already been forwarded to MHRD.

SUMMARY OF THE RAPID ASSESSMENT REPORT (Third Party Evaluation of  
ICT@School Scheme)

Background: A rapid assessment has been conducted in 400 sample schools across 7 districts. Assessment conducted in the schools having selected through stratified random sampling method from six zones by Program Performance and Outcome Monitoring Unit (PPOMU) working under the aegis of Finance Department, Govt. of Odisha. Field level survey and data analysis has been done by the empanelled agency of PPOMU named TARU and the final report has been submitted now. The summary of the report are outlined as under:

Rapid assessment: It has been conducted in two phases by covering 400 schools across all six zones.

**Major Findings:**

1. ICT infrastructure has been created in all 400 schools and 100% hardware and specific peripherals have been supplied and installed by BOOT agencies.
2. 100% School Coordinators have been put in place by the Implementing Agencies. They have been certified under OSCIT through OKCL to augment their IT skills. Training has been imparted to them to coordinate the ICT labs. Some of them need CBT to improve their performance and skill set.
3. Hardware complaints and service delivery history has been recorded.
4. Multimedia contents have been provided to all schools and 95.5% students are learning through e-content. Student's feedback reveals that they have been highly benefited out of the content.
5. Both teachers and students have integrated ICT in the teaching & learning process to revitalize the education system.
6. 40% subject teachers have been facilitating e-content classes and further training need to be imparted for their capacity development and integrate them in technology.
7. Monitoring of the program:
  - Both physical and technology based monitoring process have been adopted.
  - Control room and call centres are in place

- GPS enabled tab based visit and tracking is in place
  - Web based monitoring portal is in place.
  - Online and IVR based attendance of School Coordinators is in force.
  - Asset monitoring software applied.
8. Supervisory team by both implementing agencies as well as monitoring agency are in place.
9. Monitoring and evaluation :Focus need to laid on classroom transaction and enhancement of scholastic achievement of students, quality trainings to teachers and post training usage of ICT tools are suggested.
10. Over all Outcome:
- Confidence of students improved.
  - Peer assessment has instilled a sense of confidence and collaboration among pupils.
  - Students are getting benefits to comprehend difficult and hard-spots through ICT enabled teaching and learning process.
11. Physical condition of ICT lab: 99% percent Labs are in good condition and being utilized by the end users. Overall 98.3 % labs are fully functional.
12. Internet Connectivity through broadband of BSNL and dongles through other ISPs are in place.
13. Teachers training: Pre-service training of 55 hours, one day demonstration and in service induction training for 10 days has been imparted to teachers. Refresher training need to be imparted by the Agencies.
14. Learning outcome:
- Multimedia e-content has been provided in all the ICT Labs to augment concept based teaching learning environment in the classroom transaction. It is helping a lot to the students.
  - Perform type and inform type peer assessment has been done among the students of class IX and X has been beneficial.
  - 20,000 sample questions have been provided for their preparation and visible impact perceived.
15. Suggestions for improvement:
- E-content classes need to be imparted in batches to stop crowd atmosphere
  - Content based mistakes/errors need to be rectified

- Visit of supervisory and other stakeholders to remote locations need to be frequent.
- Training of subject teachers need to be prioritized.

### **Scope of Audit**

Name :- Internal Audit

Duration of Audit :- 20 Days

No. of Partners to be engaged :- 2 + 2( Support Staffs)

Period of Audit :- Basically the Audit will be done from the inception of the project till date.

Organisation to be audited :- OKCL, IL&FS and TCIL and sample schools covered under ICT@School Scheme.

Scope of work :-

- The Audit will be on reconciliation of funds between OMSM and OKCL.
- Transfer of funds to the Implementing agencies by OKCL
- Reconciliation of UCs.
- Verification of bills and vouchers of OKCL and produced by the Implementing agencies to OKCL
- Authenticity of the bills and vouchers
- Report on interest accrued their utilization by OKCL
- Payments made to schools for recurring expenditure at school point by the Implementing agencies.
- Report on penalty imposed on the Implementing agencies by OKCL
- Others if any as permissible by the audit.

Mode of selection of Auditor :- Selection to be made out of C&AG empanelled list having experience in RMSA Audit

Payment of Audit fees :- The payment will be made after submission of the Audit Report to OMSM.

Report submitted to :- State Project Director, OMSM< RMSA