

EOI Number: 944 / 05-03-2020

Expression of Interest

For

CREATION OF 100 SMART SHALAS IN 100 SCHOOLS

Enabling Digital Education platforms for providing quality Education, in Primary/Upper Primary Government schools.

A. SCHEDULE OF INVITATION OF EOI:

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| Date of Issuance of EOI | 5 th March 2020 |
| Last date and time of submission of EOI document | 20 th March 2020 |
| EOI document to be submitted to | Before 3:00 PM by 20 th March, 2020 DEO office, Dantewada |
| Date and Time of Opening of EOI document | 23 rd March 2020 at DEO office, Dantewada. TIME: 3:00 PM |

NOTE:

1. Please address all queries and correspondence to **DEO office, Dantewada.**
2. If the Office of Authority happens to be closed on the day of receipt of the bids as specified, the bids will be received and opened on the next working day on opening of the Office at the same time and venue.
3. Please quote EOI Ref. Number in all your correspondence.
4. Application fees: **1000/-**

B. General Instructions:

1. Interested Agencies who wish to submit the proposal will have to submit the proposal document as per the prescribed guidelines of the EOI.
2. **Technical document and financial document:** Applicants shall submit **physically** their technical as well as the **financial documents** in sealed envelopes super-scribed with due date, time, project and nature of document.
3. Once quoted, the bidder shall not make any subsequent price changes, whether resulting or arising out of any technical/commercial clarifications sought regarding the bid, even if any deviation or exclusion may be specifically stated in the bid. Such price changes shall render the bid liable for rejection.
4. The Price/ rates/ quotes by the bidder shall be valid for a period of 180 days and shall be applicable for the entire contract period.

Yours faithfully,

C. Background of the Project:

Dantewada District is one of the oldest inhabited places in India, in Chhattisgarh. Dantewada is also a **LWE district** and comes under the **Aspirational District program** of Niti Aayog. The district has a population of 2,83,479 (2011 census). Dantewada is inhabited by several tribal groups, out of which three particular tribes are found widely in the district namely Halba, Muriyas and Gondis.

The aim of the project is to **improve learning process, get higher enrolment rate in Primary and Upper Primary schools, upgrade the teaching methods in government schools, empower teachers and Develop Center of Excellence under Head Masters by incorporating 21st Leadership skills.**

D. Objectives of the Programme:

Following are the key objectives of the project –

1. Facilitation for implementation of NCF 2005 guidelines and reforming Education;
2. To have a Integrated Technology Solution in the school to enhance the Learning Experience of the Students
3. To make learning more Interactive, effective and Interesting for Students
4. To facilitate teaching of difficult topics through Multimedia Learning Objects with the help of identified hard spots
5. To enhance the cognitive skills of students with the help of e-content and peer learning concepts.
6. To enhance the quality of education in the schools using basic IT infrastructure, thus enabling the classrooms to become more student centric.

E. Project Coverage

To start with, this project will be implemented in 100 Primary and Upper Primary government schools across Dantewada district. This project will be formulating a unique and holistic learning model in **3rd, 5th and 8th** class students, which will revamp education standards, by addressing the problem of poor learning outcomes and poor learning environment. Based on the success, it may be expanded to other schools of the Education and Tribal departments.

F. Expected Service Deliverables by the Selected Agency:

The selected agency shall create required infrastructure for converting a normal class room to a smart class room and provide the e-content (SCERT/NECRT) for Class 3-8th of the government schools run by the Dantewada administration. The scope of service shall have the following components.

1. Supply of laptops and Projector devices (portable),

The device should have the following features:-

- It would be portable and should be of low weight so that it will be easier to carry from one room to the other.
 - It should have facilities to connect external computer accessories viz. mouse, key board etc in wireless mode, so that it can be operated from any point with in the class room.
2. Supply of multimedia content for the identified hard spots for Std. III-VIII in the subjects of Science, mathematics, Social Science and English. The contents supplied should be as per the NCERT/SCERT curriculum.
 3. The agency needs to give a basic training to the school teacher on how to operate the projector /laptop and make them friendly with it.
 4. The entire process of supply of hard ware device shall be done within **30 days** from the date of signing the contract agreement.

Some important clauses are :

- **Refurbished/Repaired/Second hand laptops will not be acceptable, if the agency found of violating this norm, the administration has the right to take legal actions on the same.**
- **Pre-loaded / licensed operating system Windows 10**
- **OEM Warrantee for at least 1 Year**
- **Batch no. Summary/Manufacturing details needs to be provided by the supplier**

G. Project Management Agency's Role:

The **District Education Office** shall act as the nodal agency to monitor the implementation of the project and appraise the department about the achievements of the project on timely basis. The nodal agency will be functional under a **Smart Shala Committee** specially formulated by the District Magistrate, under the chairmanship of the CEO Zila Panchayat with a 4 members in it for a successful and time bound implementation of the Project 100 smart shala.

The following shall be the role of Committee in the project.

1. Identify the project sites i.e schools wherein the project will be executed;
2. Issue necessary communication about the project and the process of implementation of the project to respective schools.
3. Arrange for a suitable venue and logistic support for the training.
4. Monitoring of the project on periodic basis and also review the progress of the project, Block wise and then pan district.

5. Identify and report any issues or risk associated with the project.

H. Technical specification of the device

The following shall be the technical specification of the device containing multiple facilities as stated below.

| | | |
|---|------------------------------------|---|
| 1 | Laptop and Projector system. | <p>Laptop System: Intel Core i3 Processor, 4GB RAM size, HDD, Total HDD capacity (GB) 1000, RAM Expandable upto (using spare DIMM Slots in GB): 16, 4 USB Ports, VGA and HDMI Out for External Monitor, VGA in for External Projector, Audio Out for external Speakers, Headphone In, LAN:10/100/1000 Mbps Ethernet Connectivity, Windows 10 Professional.</p> <p>Projector System: Technology one chip DLP, Native Resolution: 800x600 (SVGA), Brightness (Lumens): 3600, Optical Zoom (%)=110, Type of Projector: Standard Throw (0.91 to 2.5), WXGA Short Throw (1024*768) Resolution, Contrast ratio- 2000:1, Projection Image- 32-322 inches, Aspect ratio- 4:3 native, 16:9 compatible, Lamp life- 4000 Hrs in Standard mode, 3000 Hrs in Bright mode Types of Light: UHP/UHE/UHM, Minimum Life of Light Source (hours): 5000, No. Of HDMI in Port – 2, Analog RGB in Port- YES</p> |
| 2 | Speaker system in the class | <p>Speaker with USB power supply per classrooms class room with following specifications.</p> <p>Wattage: 15 W RMS per speaker Impedance: 8Ω +/- 2Ω Frequency response: 100 Hz to 15 kHz +/- 15 dB referenced to 400 Hz Woofer: 6 1/2" (16.5 cm) polypropylene with rubber Tweeter: 1/2" (1.3 cm) Power: Power and signal supplied from room module through speaker wires</p> |

I. Support Services: The Agency will be providing the following support services at the project locations.

- i. Install the hardware at each of the identified schools.
- ii. Provide support and troubleshoot of any hardware/software errors
- iii. Provide training on effective use of multimedia content and use of the hardware.
- iv. Updation of the curriculum/ content free of cost for the initial three years
(Note: *this clause can be relaxed, considering factors like discount on device purchase or customer services etc*).

J. Hardware Brands: The Dantewada Administration is seeking for quality hardware brand with replacement warranty period of at least 1 year. It is therefore expected bidders to supply the hardware equipments from reputed brands. Along, with a guarantee of replacement of 5 % of the total supply. For ex- if bidder gets 100 projector or laptops contract, he shall replace 5 laptops/Projector if non functional within a period of 1 year from the date of delivery.

K. Operations & Maintenance – Services related to trouble shooting of the hardware devices is to be provided by the agency within 5 days time and the services are to be provided on call/e-mail basis. The cost towards trouble shooting of the hard ware device is to be clearly mentioned in the price bid.

BIDDING Process

L. Eligibility Criteria for Empanelment of Agencies:

The Bidder should be fulfilling the following preconditions and must also submit documentary evidence in support of fulfillment of these conditions while submitting the technical bid. Claims without documentary evidence will not be considered.

| Sl. No | Eligibility Criteria | Documents to be submitted for verification. |
|---------------|---|--|
| 1. | The Agency / Firm should be registered as Firm / Society / Trust / Company under the concerned Indian Laws / Acts. The Agency / Firm should have an experience of more than 3 years in Hardware business/smart classrooms development. | Registration certificate of the agency under concerned Indian Laws. |
| 2. | The Agency / Firm should have minimum turnover of Rupees 20 lakh during the last three financial years i.e. during FY 2016-17, 2017-18 and 2018-19 from projects of similar nature. | GST/PAN Note: The agency's Latest year's annual turnover must be minimum 20 lakh, and the agency needs to provide the 1 st and 2 nd Year's business balance sheet/turn over. |
| 3. | The Agency must show its last 3 years IT return | IT return documents |
| 4. | The Agency must provide their previous work orders of government/private supply. | Work orders document, Bills, Invoice etc. |

M. Procedure of Application:

Eligible organization/ agency have to submit their technical proposals under sealed covers to the office of DEO, Dantewada in prescribed format.

Technical proposal should be accompanied with proof of annual turnover, detailed experience in conducting similar assignments or sell of device such as Laptop/ Projector/ Speaker and other documents as described in the eligibility criteria above.

The proposal must be accompanied by a letter on the organization's letter head showing the full registered office address of the organization. It should be signed by a person of suitable authority to commit the organization with relevant experience to a binding contract. The organization must quote the work Title and include the following declarations:

1. We have examined the information provided in your terms of reference and offer to undertake the work described in accordance with requirements as set out in the EOI.
2. This proposal is valid for acceptance within 6 months and we confirm that this proposal will remain binding upon us and may be accepted by you at any time before this expiry date.
3. The proposal (Technical & Financial) has been arrived at independently and without consultation, communication, agreement or understanding (for the purpose of restricting competition) with any other organization/ firm invited to submit proposal for this contract.
4. We confirm that all personnel named in the proposal will be available to undertake the services.
5. We confirm that there are no personal, financial and business activities that will, or might, give rise to a conflict of interest, if we were awarded this assignment. ST&SC Development Department/ Nodal offices, reserves the right to reject any Proposal which, in it's opinion, gives rise, or could potentially give rise to, a conflict of interest.
6. We confirm that the organization
 - Are not or have not been the subject of any proceedings or other arrangements relating to bankruptcy, insolvency or financial standing.
 - Have not been convicted of any offence concerning professional misconduct
 - Have not been convicted of corruption including the offence of bribery
 - We agree to bear all costs incurred by us in connection with the preparation and submission of this proposal and to bear any further pre-contract costs.

I confirm that, I have the authority of [name of organization] to submit proposal and to clarify any details on its behalf.

N. Packaging and Submission of Proposals: The proposal is to be submitted with all necessary details in sealed envelope, which will include the followings.

1. EOI Document fee of Rs. 1000/- is to be submitted with the proposal in a separate envelope superscripted with the EOI name and number. The EOI document fee is to be drawn in favor of CEO-Zila Panchayat, Dakhin Bastar Dantewada.
2. Original and one copy of Technical Bid complete with all technical and commercial details as prescribed in the EOI document.
3. Rs. 2.10 Lakh needs to be submitted as Deposit Amount. The fee is to be drawn in favor of CEO-Zila Panchayat, Dakhin Bastar Dantewada.

Original printed document shall be considered as authentic. Such copy has to be submitted in physical form at the office of the Authority on or before the due date of submission of technical proposal. **All pages of the offer must be signed.**

O. Evaluation of the Proposal:

Technical Bids will be evaluated first and if shortlisted, the competence of the financial bid will be evaluated subsequently.

Bids shall be evaluated on a Quality and Cost Based Selection (QCBS) basis. Bids shall be ranked according to their combined technical (St) and financial (Sf) scores using the weights (T = the weight given to the Technical Proposal = 30%; P = the weight given to the Financial Proposal = 70%; T + P = 100%) using the formula:

$$S = St \times T\% + Sf \times P\%$$

Authority is not bound in any manner to select any of the bidders submitting bids or to select the bidder offering the lower price.

The bidder achieving highest combined technical and financial score (S) will get the highest rank, followed by others. Bidder obtaining highest number of points shall be invited for contract negotiations, with a view to clarify any outstanding points, to finalize technical and financial arrangements and, in case of successful negotiations, to sign a Contract Agreement. Bidders submitting the bids should clearly understand that any or all parts of their bids are liable to be part of the negotiation procedure.

The selection will be done at a two stage process. Firstly the agencies scoring more than 60 marks in the technical bid will be qualified for further opening of financial bid.

Bidder obtaining highest number of points shall be invited for contract negotiations, with a view to clarify any outstanding points, to finalize technical and financial arrangements and, in case of successful negotiations, to sign a Contract Agreement.

The project comprises of two parts i.e hard ware deployment and supply of multimedia content and teachers training. It is not bound on the authority to select the same agency for both the works. The authority based on the evaluation, is free to assign the work separately depending on the competencies of the agency.

P. Competent Authority

The Smart shala committee under the chairmanship of CEO-ZP, Dakshin Bastar Dantewada is the competent authority for this project. The powers of the Competent Authority will be as under:

1. Amend EOI documents during the proposal evaluation process. Any amendments will be conveyed to the short-listed organization / Agency;
2. Modify scope of work at the time of the award of the contract. Such modifications will be discussed and agreed with the preferred organization/ Agency.
3. At discretion during evaluation of bids, request an organization/ Agency for clarification on its proposal. This request will be in writing and the organization/ Agency should respond in writing. No change in price or substance of the bid shall be sought, offered or permitted at this stage.
4. The Nodal Office exercises the right to accept or reject any proposal without assigning any reason thereof.

Q. Payment Mechanism:

The total project cost is to be finalized on the basis of the final quoted amount in the financial bid and subsequent price negotiation.

| Sr. No | Particulars | Payment Mechanism |
|--------|--|---|
| 1 | Supply and Installation of Hardware Device | On successful installation and after receipt of the installation certificate from concerned school. |
| 2 | Supply of multimedia Content | On successful installation and after receipt of the test certificate from concerned school. Five percent of the cost towards the content shall be retained, as the contract have a provision for updation of the curriculum if required in the initial three years. The same shall be released after 2 years. |
| 3 | Training to teachers | Basic Training of Operations (Hard wares- Computer and Projector) |
| 4 | Cost for maintenance/ trouble shooting of hardware device and content etc. (On call basis) | On submission of bills/invoice for the service delivered. |

R. Address for communication:

Any queries or communications may please be sent to the office of DEO office, Dantewada.

Other Terms and Conditions:**1. AUTHORITY'S RIGHT TO VARY SCOPE AT TIME OF AWARD**

If any change in Scope of the Contract causes an increase or decrease in the cost of, or the time required for, the Bidder performance of any part of the work under the Contract, an equitable adjustment shall be made in the Contract Price or schedule of implementation, or both, and the Contract, shall, accordingly be amended. Any claims by the Bidder for adjustment under this Para must be asserted within thirty (30) days from the date of the Bidder receipt of the Authority changed order.

2. AUTHORITY'S RIGHT TO ACCEPT AND TO REJECT ANY/ ALL BIDS

Authority reserves the right to reject any Bid and to annul the bidding process and reject all bids at any time prior to award of Contract. Without thereby incurring any liability to the affected Bidder(s) or any obligation to inform the affected Bidder(s) of the grounds for such decision.

3. NOTIFICATION OF AWARD & SIGNING OF CONTRACT

- Prior to expiry of the period of Bid validity, the Authority will notify the successful Bidder in writing that its Bid has been accepted and send the successful Bidder the Contract Form.
- Within 10 days of receipt of the Contract Form, the successful Bidder shall sign and date the contract and return it to the Authority. If the successful Bidder thus selected fails to sign the contract as stipulated, the Authority reserves the right to offer the contract to the next lowest Bidder. However, the authority reserves the right to award the work to more than one agency subject to the condition that the bid prices of all the shortlisted agencies are same.

4. PENALTY

Authority will levy penalty in case the Bidder fails to provide the services specified by the Authority in the ToR of this EOI document. The amount of penalty shall be commensurate with the nature of the breach/ defect/ deviation/ fault and as decided by Authority. Such an amount payable by the Service Provider shall be final and binding and shall not exceed 10% of the Total Accepted Contract Value of the bidder for the Contract Period. On the Service Provider repeatedly failing to rectify the faults within the time period as stated by the Authority, the Authority is free to cancel / terminate the Contract by giving one month notice.

If there is any delay in submitting any report as demanded by the Authority whether monthly or quarterly or yearly, and if the delay continues for a period of more than 15 days, then penalty shall be charged as deemed appropriate by the Authority subject to maximum of 10% upper limit.

Also, the Authority may, at its discretion, get the deviations, faults attended/ rectified by any other agency at the risk and cost of the Service Provider and the same will be recovered from the Service Provider.

5. AUTHORITY'S RIGHT TO AWARD CONTRACT TO ONE OR MORE BIDDERS

Authority reserves the right to award the Contract to one or more agency/ies and split the order for different project components.

6. **Ownership of the Hardware, soft ware, furniture and any other items supplied:** The hardware, software, furniture and all other accessories created out of the project will be the sole property of the schools and the selected agency will not have any right to claim the ownership of such property.