

Empanelment of IT and Outsourcing Firms for Providing Manpower on Service Charge & Rate Contract Basis

Department of School Education Government of Tamil Nadu

Request for Proposal

January 2022

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LETTER OF INVITATION

State Project Director

Samagra Shiksha, DPI Campus, College Road, Chennai, Tamil Nadu 600006.

Date: 3rd January 2022

RfP Reference No.:104/C1/EMIS/SS/2021

Assignment Title: Empanelment of IT and Outsourcing Firms for Providing Manpower on Service Charge & Rate Contract Basis

The Office of Project Director, Samagra Shiksha, Government of Tamil Nadu (hereinafter referred to as "Authority") invites eligible firms, (hereinafter referred as "Bidders") to indicate their interest in the bid titled Empanelment of IT and Outsourcing Firms for Providing Manpower on Service Charge & Rate Contract Basis.

The RfP comprises the following 4 parts:

- 1. General Information
- 2. Background
- 3. Proposal Evaluation
- 4. Standard Forms (Technical and Financial)

1. GENERAL INFORMATION

1.1. RfP Data Sheet

No.	Particulars	Remarks
1	RfP No.	104/C1/EMIS/SS/2021
2	Name of the Assignment	Empanelment of IT and Outsourcing Firms for Providing Manpower on Service Charge & Rate Contract Basis
3	Duration	5 Years. The contract will be renewed annually during the initial period of five years based on the performance of the Bidders.
4	RfP Publication Date	03.1-2022
		10-01-2022, 4 PM. An online Pre-bid Meeting link can be obtained from the official websites
5	Pre-bid Meeting (online)	a) http://www.tnschools.gov.in
	3 (3 3)	b) http://www.tenders.tn.gov.in
		one day before the date of the pre-bid meeting.
		07-02-2022, 12:00 (Noon)
		Two hard copies of the technical bid and One hard copy of the financial bid are to be submitted.
6	Proposal, Financial Proposal,	Submission Details:
	and EMD (Original in Physical Copy)	Samagra Shiksha,
		DPI Campus,
		College Road, Nungambakkam, Chennai, Tamil Nadu 600006.
7	Time and date of opening of technical bids	07-02-2022, 3:00 PM. Venue Details: Same as specified in Sl. (6) above.
8	Address for Communication	Samagra Shiksha, DPI Campus, College Road, Chennai, Tamil Nadu - 600 006. Email: spd.ssatn@gmail.com
9	Point of Contact	044 - 28278068
10	Bid Evaluation	"Quality cum Cost Based Selection (QCBS)" with Technical component and Financial component in the ratio of 70:30.
11	Earnest Money Deposit (Original in Physical Copy)	Rs. 50,000 (Rupees Fifty thousand only) in the form of DD/ Bank Guarantee/ NEFT transfer in favor of – Tamilnadu Mission for Education for All – Samagra Shiksha.

Instructions to Bidders

1.1.1. Introduction

The Bidders are invited to submit a Technical Proposal and a Financial Proposal, as specified in the Data Sheet for the services required for the Assignment named in the Data Sheet. The Proposals will be the basis for contract negotiations and the signing of a contract with the selected firms. Under this program, the State seeks to Empanel IT and/ or Outsourcing Firms for Providing Manpower on Service Charge & Rate Contract Basis.

Participating institutions who wish to bid must fulfill the following pre-requisites:

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No.	Eligibility Conditions	Documentary Proof to be submitted
1.	All Bidders should be a Registered Company in India under the Companies Act/ LLP Act and should have been in existence for a minimum of three years as of November 30, 2021	Certificate of Incorporation issued by the Registrar of Companies.
2.	All Bidders should have a Registered / Branch Office anywhere in Tamil Nadu in operation for more than 3 years as of November 30, 2021.	Address proof for telephone bill/ EB Bill – one bill for half a year for the past 3 years.
3.	The Lead Bidder shold have to have its primary business operations in IT Software Development in Chennai.	
4.	Lead Bidder should be ISO 9001 certified.	ISO certificate mentioning the software development activity to be attached.
5.	Lead Bidder should have an annual average turnover of a minimum of Rs. 4 Crores in the last three audited financial years from software development services (i.e. 2018-19, 2019-20, 2020-21).	Copies of the P&L statement and balance sheet; and certificate from Auditor stating that the revenues are from software development services. For FY 20-21, the provisional statement shall be acceptable.
6.	Lead Bidder shall submit proof of having carried out at least one project worth Rs. 25 lakhs (excluding taxes) in India, in any one of the past three years as on November 30, 2021.	Copy of work order to be attached.
7.	Lead Bidder should have carried out at least 5 projects involving the deployment of IT resources with departments in the GoTN in the last 4 years (2017-18, 2018-19, 2019-20, 2020-21).	Copy of work orders/Letter of indent to be attached.
8.	Lead Bidder should have deployed at least 10 resources of an IT profile in Government departments in the past 3 years in TN.	Copy of work orders/ Proof of deployment to be attached.
9.	Any consortium member should have deployed at least 10 Accountants in	Copy of work orders/ Proof of deployment to be attached.
10.	All members should not have been blacklisted by any of the State or Central Government Departments or Organizations during the past three years.	Self-certificate to be submitted stating that the Bidder was not blacklisted by any State / Central Govt. / Statutory Government bodies during the past three years.

- The Authority will select a Bidder from among those whose proposals are accepted, in accordance with the evaluation criteria and selection methodology indicated in Section 3.
- Notwithstanding anything contained in this RfP, the Authority reserves the right to accept or reject any proposal and to annul the Selection Process and reject all Proposals, at any time without any liability or any obligation for such acceptance, rejection, or annulment, and without assigning any reasons thereof. Without prejudice to the generality of the above clause, The Authority reserves the right to reject any Proposal if:
 - a. At any time, a material misrepresentation is made or discovered, or;
 - b. The Bidder does not provide, within the time specified by The Authority, the supplemental information sought by The Authority for evaluation of the Proposal.
 - c. Misrepresentation by/ improper response by/ delay or non-submission of supplemental information required from the Bidder may lead to the disqualification of the Bidders.
- The Bidders shall be responsible for all of the costs associated with the preparation of their Proposals and their participation in the Selection Process including subsequent negotiations, visits to The Authority office, if any, etc. The Authority will not be responsible or in any way liable for such costs, regardless of the conduct or outcome of the Selection Process.
- Bidders may associate with other firms in the form of a consortium (maximum of two firms in the Consortium; one Lead Bidder and one other member) to enhance their qualifications.
- The Authority, at its discretion, may renew the contract for a period as specified in Section 1.1 (Sl. No. 3) on mutually agreed terms and conditions. The renewal will be made considering various parameters including the performance of the Bidder, on-site needs of The Authority and other factors, and shall be at the discretion of The Authority. The annual renewal will be with a maximum annual escalation of 5% on the base price quoted.

1.1.2. Clarification and Amendment to the RfP document

- At any time before the submission of Proposals, the Authority may, for any reason, whether at its initiative or in response to a clarification requested by any firm, modify the RfP documents by issuing an Addendum/ Corrigendum. Addenda/ Corrigenda shall be uploaded on the stated online portal only.
- The Authority may at its discretion extend the deadline for the submission of Proposals by issuing an Addenda/ Corrigenda.
- Bidders may request clarification on any item of the RfP document up to the date indicated in the Data Sheet before the Proposal submission date. Any request for clarification must be sent by electronic mail (email) indicated in the Data Sheet. The Authority will only upload the response on the Samagra Shiksha website (including an explanation of the query but without identifying the source of inquiry).
- All prospective Bidders are requested to browse the official website & any amendments/corrigendum/modification will be notified on our website only and such modification will be binding on them.
- To allow prospective Bidders reasonable time to take the amendment into account in preparing their bids. The Authority may at its discretion, may extend the deadline for the submission of bids.

Pre-bid Meeting

Queries raised by the prospective Bidders will be clarified during the pre-bid meeting and/or will be uploaded online. Prospective Bidders are requested to send their pre-bid queries to the email id provided in Section 1.1 [Sl.No. 8] at least two days before the pre-bid meeting.

1.1.3. Preparation of Proposal

- The Proposal shall be prepared in indelible ink. It shall contain no inter-lineation or overwriting, except as necessary to correct errors made by the Bidder itself. Any such corrections must be initialed by the person or persons who sign(s) the Proposal.
- The Authorised Representative of the Bidder should initial all pages of Technical and Financial proposal. The Authorised Representative's authorisation should be confirmed by a written power of attorney or equivalent document by the competent authority.

• <u>Technical Proposal:</u>

- a. In preparing the Technical Proposal, Bidders are expected to examine the documents comprising this RfP in detail. Material deficiencies in providing the information requested may result in the rejection of the Proposal.
- b. The technical proposal should follow the prescribed Standard Forms provided in Section 4.
- c. The Technical Proposal shall not include any financial proposal.

• Financial Proposal:

- a. In preparing the Financial Proposal, Bidders are expected to consider the requirements and conditions of the RfP documents. The Financial Proposal should follow Standard Forms provided in Section 4.
- b. Bidders must express the price of their services in Indian Rupees only.
- Wherever a specific form is prescribed in the bid document, the Bidder shall adhere to the form to provide relevant information. If the form does not provide space for any required information, space at the end of the form or additional sheets shall be used to convey the said information. Failing to submit the information in the prescribed format, or entering the wrong reference page number will make the bid liable for rejection. For all other cases, the Bidder shall design a form to hold the required information.

• Modification/ Withdrawal of the Bid:

- a. The Bidder may modify or withdraw its bid before the due date of bid submission.
- b. No Bid may be modified after the deadline for submission of bids.
- c. No Bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of Bid validity specified by the Bidder on the bid letter form. Withdrawal of a Bid during this interval may result in the Bidder's forfeiture of its Bid security

1.1.4. Submission, Receipt and Opening of Proposals

- The proposal, its contents and all correspondence and documents shall be in English only.
- The proposals shall remain valid for 180 days from the last date of bid submission.
- The completed Proposal must be delivered at the submission address on or before the Proposal Due Date (PDD) given in the Instructions to Bidders. No Proposal shall be accepted after the closing time of Proposals.
- The fee should be quoted in the Financial bid only, in case found in the Technical bid that will be rejected.
- Before the evaluation of Proposals, the Authority will determine whether each proposal is responsive to the requirements of the RfP at each evaluation stage. The Authority may, at its sole discretion, reject any Proposal that is not responsive hereunder. The Authority reserves all rights to accept or reject any proposal without assigning any reason.
- The Bidder shall submit two (2) copies of the Technical Proposal (one original and one copy) and one copy of the Financial Proposal. The Technical and Financial Proposals must necessarily be bound separately and all pages serially-numbered. In case of any discrepancy between the original and the copy of the technical proposal, the contents as per the original will only be considered.

• <u>Proposal Submission:</u>

Envelop	Content Forms	
Outer Envelop	Request for Proposal (RfP) envelope + EMD NA	
	(Separately sealed envelope)	
RfP Envelop	Technical Proposal (Separately sealed envelope) Form	
	Financial proposal (Separately sealed envelope)	Form 4F to 4H

• After the Proposal submission until the contract is awarded, if any Bidder wishes to contact the Client on any matter related to its proposal, it should do so in writing at the Proposal submission address. Any effort by the Bidder to influence the Client during the Proposal evaluation, Proposal comparison or contract award decisions may result in the rejection of the Bidder's proposal.

1.1.5. Earnest Money Deposit

- An Earnest Money Deposit (EMD) shall be as per the details provided in Section 1, General Information. EMD will be required to be submitted by each Bidder along with the technical proposal. The EMD amount should be the exact amount and no excess or less amount should be paid. If excess or short, the tender status will be shown as invalid. Samagra Shiksha is entitled to cause forfeiture of the EMD if the Bidder revokes/ withdraws the Bid during the period of its validity and or fails to comply with the conditions.
- Bids received without the specified Earnest Money Deposit shall be summarily rejected.
- Earnest Money Deposits of Bidders shall be returned, without any interest, within three months after signing the contract with a successful Bidder or when the selection process is cancelled by the Authority.

1.1.6. Performance Guarantee:

• The successful Bidder shall furnish to Samagra Shiksha a Performance Security in the form

of an irrevocable Bank Guarantee from any Scheduled Bank in favour of "Samagra Shiksha, Department of School Education, Govt. of Tamil Nadu" enforceable in Chennai for an amount equivalent to five percent (5%) of the awarded fee in the format given under Section 4H of RfP. Failure of the Successful Bidder to lodge the required Bank Guarantee shall constitute sufficient grounds for the termination of the award and the Bidder with the next highest techno-financial score will be called for negotiations. The performance security shall remain in force until the satisfactory completion of the contract and will be discharged thereafter. The obtaining of such a Guarantee shall be at the expense of the successful Bidder.

• Post signing the contract agreement with the successful Bidder, the submitted EMD will be returned; without any interest.

2. BACKGROUND

- **2.1. Samagra Shiksha (SS)** is an Integrated Scheme for School Education aimed at ensuring Inclusive, Equitable and Quality Education from Class 1 to 12. Samagra Shiksha subsumes three existing schemes Sarva Shiksha Abhiyan (SSA), Rashtriya Madhyamik Shiksha Abhiyan (RMSA) and Teacher Education (TE). The main outcomes of the Scheme are envisaged as Universal Access, Equity, Quality and Strengthening of Teacher Education Institutions (TEIs), etc.
- **2.2.** The broader goal is to improve schools' effectiveness in terms of providing quality education and equitable learning outcomes. Samagra Shiksha aims to adopt a holistic approach to education to bring about administrative reform and focus on the quality of education with an impetus on Teachers and Technology. It aims to introduce growing efforts to promote digital learning, enhance inclusion, reduce gender gaps, skill development, regional balance, and sports & physical education.
- **2.3.** Need for increased convergence between different programmes implemented by Samagra Shiksha andvarious directorates of School Education, Govt. of Tamil Nadu by instilling allocative efficiency and optimal utilization of budgetary and human resources.
- **2.4.** Over the years, recognizing the importance of the efforts made to enhance the quality of education, the Government of Tamil Nadu has placed an unprecedented focus on the expansion of education, significantly improving the quality of education imparted and ensuring that educational opportunities are available to all segments of the society. With this commitment, the State Government envisages building human capital by providing universal access, equity, quality at primary, upper primary, secondary and higher secondary levels. Thereafter, increasing the enrolment in higher education and bringing in a focus on employability in the manufacturing and service sector.
- **2.5.** The State Government sees the need to create multiple platforms that will be used during the next five to ten years to strengthen the offerings of the GoTN's School Education Department. As part of this plan, it is proposed to hire the services of competent firms to be able to provide manpower at the site. The firms will work with the existing IT/ Accounts teams at SS and complement its manpower to deliver the outcomes in a time bound manner.

3. PROPOSAL EVALUATION

3.1. Evaluation Criteria

3.1.1 The technical document submitted by the Bidder would be evaluated as per the following criteria.

Sl. No.	Evaluation Criteria	Max points
1	Firm credentials	20 points
2	Team credentials	60 points
3	Technical Presentation	20 points
	Total	100

3.2. Selection Methodology

- 3.2.1 The selection of Bidder will be in accordance with the Quality and Cost Based Selection (QCBS) system:
- 3.2.2 The proposal for the Bidder will be evaluated against the evaluation criteria mentioned under Section 3 on evaluation. The Authority reserves the right to call only up to the Top 3 or Top 5 Bidders, based on their technical scores for Financial bid opening and only they will be called the "Qualified Bidder".
- 3.2.3 Proposals for the "Qualified Bidder" during the process of evaluation will finally be ranked according to their combined score of Technical Proposal (TP) and Financial Proposal (FP) scores.
- 3.2.4 The weightage is given to technical (Tw) and financial (Fw) proposals are as follows: Tw = 70% and Fw = 30%.
- 3.2.5 Combined Total Score = (TP x Tw) + (FP x Fw).
- 3.2.6 The selected Bidder shall have the highest combined total score.
- 3.2.7 In the event, if the combined total score is tied then the Bidder securing the highest technical score will be adjudicated as the Best Value Bidder for the award of the project.
- 3.2.8 The Technical Bid will be evaluated based on the compliances filled up in the Technical Bid and also all the terms and conditions of the tender. The tenders that do not conform to the tender conditions and tenders from firms without adequate capabilities for execution of the work as per tender requirements shall be liable for rejection.
- 3.2.9 The Technical Bid will be examined by an Evaluation Committee based on responsiveness to the scope of work, applying the evaluation criteria. The details and the documents provided in the Technical Bid will be taken up as a reference for evaluation.
- 3.2.10 Tenders with incomplete information are liable for rejection.
- 3.2.11 Samagra Shiksha reserves the right to negotiate with the Successful Bidders.

- 3.2.12 As per the evaluation criteria specified above in this Tender Document, selection of the Successful Bidder will be made and such Bidder will be called for negotiations for improvement of the scope of work, further reduction in the price offered, commercial terms including the contract payment to the resources, statutory payments, payment disbursement methods, etc.
- 3.2.13 All the other Qualified Bidders may be empaneled at their quoted cost (if they are L1), or the cost quoted by the bidder who has been awarded the project (if he is L1), whichever is lower, to serve during the contract period as this is an Empanelment Cum Rate Contract tender.
- 3.2.14 The Bidders, who agree to meet the L1 price, or their own price (if lower) will be empaneled for possible engagement on modules of work, on a need basis, at the sole discretion of the Authority.
- 3.2.15 The performance of the Selected Bidders will be assessed continuously every month. If at any time it is seen that the quality of the work by the Bidder's team is not satisfactory, the Authority reserves the right to terminate the contract and award the contract to the next higher technocommercially qualified bidder.
- 3.2.16 Samagra Shiksha's decision is final in this regard and the poor performing firms will have no right to claim whatsoever once the decision is taken by Samagra Shiksha.
- 3.2.17 Samagra Shiksha reserves the right to / not to accept the lowest price, to reject any or all the tenders without assigning any reason, therefore, to divide, split and award the contract to any one or more of the Bidders to relax or waive any of the conditions stipulated in the terms and conditions of tender as deemed necessary in the best interest of Samagra Shiksha for good and sufficient reasons.
- 3.2.18 The Authority reserves the right to split the contract and offer it to other Successful Bidders under the Rate Contract at any time during the contract period without change in rates and other terms of the contract.
- 3.2.19 The Authority can add/ delete/ modify any category of posts and also fix new rates as applicable within the duration of the contract. During such revision, (addition) the service charges finalized for the respective category will apply to the new item within the category.

3.5 Firm Credentials

Bidders are requested to submit the supporting documents in the sequence of evaluation parameters as mentioned below:

S1.	Evaluation Criteria	Max Points	Criteria for Awarding Points
1	No. of projects carried out in staffing of IT resources with State Governments	10	a. 5 projects: 1 pointb. 6 to 8 projects: 5 pointsc. > 8 projects: 10 points
2	No. of resources deployed of an IT profile in Government departments in the past 3 years in Tamil Nadu.	10	 a. 5 resources: 2 point b. >5 to 10 resources: 4 points c. > 10 resources: 7 points d. If the posts were provided in a State Education Department, the bidder will get additional 3 points.

3.6 Key Personnel

3.6.1 The Bidder would be expected to deploy an appropriate team consisting of professionals as per the requirements mentioned below.

Sl. No.	Role	Skills Required	Indicative No. of Resources (No. of CVs to be provided)
1	Project Associate	 Project Management, Requirement Gathering, Documentation, MS Office Suite, Ability to work with and interpret data, analytical skills, understanding of Education Sector, the experience of working in and managing projects involving multiple stakeholders. Preferable to have working experience with Government Schools for about two years through full-time volunteering or Fellowship programs like Teach For India, etc. 	7 (3)
2	Web UI Developers	 Very good hands-on experience of working on Angular JS (PrimeNG preferred), Angular CLI, HTML5, CSS3, Typescript, using GIT & VS Code. Strong technical abilities to understand, design, write and debug complex code. Should have worked on at least 1 Government Project. 	7 (3)
3	Senior - Web UI Developers	 Very good hands-on experience of working on Angular JS (PrimeNG preferred), Angular CLI, HTML5, CSS3, Typescript, using GIT & VS Code. Strong technical abilities to understand, design, write and debug complex code & mentor team members. Should have worked in a large-scale government project in terms of the user base. 	4 (2)
4	Mobile UI Developers	 Very good hands-on experience in developing hybrid mobile apps using Ionic Framework, AngularJS, HTML5. Knowledge of Native code (Android). Exposure to Firebase messaging. Strong technical abilities to understand, design, write and debug complex code. Should have worked in at least 1 Government project with a significant number of users using the mobile applications. 	6 (3)

Sl. No.	Role	Skills Required	Indicative No. of Resources (No. of CVs to be provided)
		 Very good hands-on experience in developing hybrid mobile apps using Ionic Framework, AngularJS, HTML5. Good to have: Basic knowledge of Native code (Android). 	
5	Senior Mobile UI Developers	 Must have experience in Android and iOS app deployment life cycle. Exposure to Firebase messaging. Experience in moving code to Production Environment. 	2 (1)
		• Strong technical abilities to understand, design, write and debug complex code & mentor team members. Should have worked in at least 1 Government project with a significant number of users using the mobile applications.	
6	API Developers- PHP	• Experience in working on Core PHP as well as frameworks like Laravel / CodeIgniter. Should have worked in at least 1 Government project in implementing large-scale Php API.	8 (4)
7	Senior API Developers- PHP	 Very good hands-on experience of working on Core PHP as well as frameworks like Laravel / CodeIgniter, etc., Good hands-on experience in developing REST APIs, using Postman / Swagger, JMeter, Experience in API Standards, Cloud deployment, and microservices architecture. Strong technical abilities to understand, design, write and debug complex code & mentor team members. 	2 (1)
8	Database Developers	 Should have worked in at least 1 Government project in implementing large-scale Php API. Experience in writing Database Queries, with strong analytical skills, good experience in writing stored procedures. Should have worked on at least 1 Government project. 	4 (2)

Sl. No.	Role	Skills Required	Indicative No. of Resources (No. of CVs to be provided)
9	Senior Database Developer	 Very good hands-on Experience in Handling High-volume MySQL databases Should be versatile in SQL Queries, Stored Procedure, views, and query optimisation. Should have experience in monitoring the DB usage, performance tuning, backup, etc., Experience in AWS Cloud-based DB Management. Experience in SQL query performance optimization. Exposure to ETL tools is required. Should have worked at least 1 year in Government Project handling Significant large databases in terms of volume of Records. 	2 (1)
10	Junior System/ Web Administrator	 Experience in managing & monitoring EC2 instances, S3 bucket, RDS, Cloudwatch Logs. Preferable an AWS Cloud Associate Certification. Installing, configuring and managing web servers, application servers on Linux environments. Should have worked on at least 1 government Project with AWS cloud management Infrastructure. 	
11	Senior System/ Web Administrator	 Experience in managing & monitoring EC2 instances, S3 bucket, RDS, CodeBuild, Docker Image Creation, Cloud Watch Logs, Ngnix Proxy Setup and Management, Preferable an AWS Cloud Associate Certification. Installing, configuring and managing web servers, application servers on Linux environments. Installing and configuring RDBMS databases like MySQL, Performance tuning, Backup, and restoring. Should have worked on at least 1 Government Project with AWS cloud management Infrastructure. 	1 (1)
12	Senior Test Engineer	Automation of application testing process and load testing using tools such as Jmeter, Postman Should experience in writing automation scripts.	1 (1)
13	Network / Hardware Engineer	• Experience in installing, maintaining and troubleshooting hardware and software for desktop computers, laptops, printers, projectors and other digital devices. Ability to set up and troubleshoot	1 (1)

Sl. No.	Role	Skills Required	Indicative No. of Resources (No. of CVs to be provided)
		networking connections, WiFi networks, network firewalls.	
14	UI/ UX Designer	 Proficiency in Photoshop, Illustrator, InVision and other visual design and wire-framing tools. Should have worked in at least 1 Government Project in UI/ UX for Mobile and Web Applications. 	2 (1)
15	Technical Lead	• To oversee and manage technical projects and to monitor the quality, documentation, and roll-out, Should have to lead a team in at least 1 Government project.	2 (1)
16	Data Entry Assistant	• Excellent command of English & Tamil and ability to type at least 60 words a minute.	As per need
17	Senior IT Consultant and Architect	 A Senior IT Consultant and Architect, with 20 Plus years of work experience, with deep expertise in designing and implementing large-scale application Infrastructure and managing large IT projects and IT teams. Should have good experience in Cloud-based architectures, Serverless environments and complete DevOps Operations in AWS-based services. Should have good expertise in AWS-based Database Operations. Should have good experience in Education Sector. Should have expertise in Microservices based solutions and other cloud-based services. Should have worked in at least 1 Significant large-scale IT Application project in the Government of Tamil Nadu Department. Preferable in Education Sector. 	As per need
18	Senior Project Management Consultant	A Senior Project Management Consultant having 10-15 Years of work experience with at least 5 years in the development and implementation of IT Projects covering products and services. Should have experience in business process analysis, customer requirement As	

Sl. No.	Role	Skills Required	Indicative No. of Resources (No. of CVs to be provided)
		 Should have good experience in Education domain. Should have worked in at least 1 Significant large-scale IT Application project in the Government of Tamil Nadu Department, Preferable in the Education Sector. 	
19	M/c Learning Engineer	 Machine learning engineers should have 2-3 Years' experience and expertise in creating programs and algorithms that enable machines to take actions without being directed. Should have a deep understanding of the following skills computational statistics, mathematical optimisation, data mining. Should have good exposure to Machine Learning programs and tools such as Scikitlearn, Tensor flow, PyTorch, etc. 	As per need
		• Should have done at least 1 Machine Learning Project in the Government of Tamil Nadu Department.	
		• Systems Analyst with 7-10 years of experience in web development and software development with extensive working knowledge in the following:	
		Database tools such as MySQL, PostgresSQL	
200	Systems	API and frameworks: RestAPI using CodeIgnitor framework	A
20	Analyst	• Front end development: HTML5, CSS, Jquery, Angular	As per need
		Mobile App development: React Native (preferable), Ionic framework, Native Android	
		• Should have exposure to AWS-based Database Operations and experience using GitHub or similar versioning systems.	
21	Accountant	B.Com (with MBA preferred). Should have experience of working on Tally ERP 9; MS Excel, MS Word; GST filing; and Income Tax computation and filing.	7 (4)

- 3.6.2 The Bidder would be expected to provide the number of CVs mentioned in brackets in the table above (in the last column) as part of their bid for evaluation. Since the total number of CVs to be included in this proposal is 30, each CV will be scored out of 2 points on the following criteria:
 - Alignment to the criteria specified (0.5 points)
 - Relevant experience (0.5 points)
 - Quality of work experience (1 point)

- The Authority reserves the right to interview any candidate if the CV does not provide adequate details to the satisfaction of the Authority. The Authority also may ask for additional details to further establish proof of points mentioned in the CV.

3.7 Presentation

- 3.7.1 Bidders shall make a presentation (30 minutes) on the following areas:
 - Company background, governance of company, reputation, and years of existence (5 points).
 - Firm's approach to the selection of manpower (5 points).
 - Mechanisms of the firm to ensure long-term deployment of manpower with minimal attrition (5 points).
 - Demo of products developed for Education departments in any state in India (5 points).

3.8 SELECTION, DEPLOYMENT AND MANAGEMENT OF RESOURCES

- 3.8.1 Bidder should have a resource pool/ resource bank to arrange a sufficient number of resources within a short notice (7 days) to the Authority for selection and approval of candidates.
- 3.8.2 Bidder to select the suitable resources/ candidates from their resource bank based on the qualifications/ special skills, experience, expertise, etc., indicated by the Authority and send their list of selected suitable candidates with details of skill sets mapped with the requirement by e-mail/ letter, etc., for approval of the Authority.
- 3.8.3 If the candidates have been approved by the Authority, then deployment of resources is to be done by Bidder.
- 3.8.4 The responsibility of the selection of suitable resources rests with the Bidder and the approval of candidates by the Authority only. The Bidder has to send the resume with copies of documentary proof only of the suitable candidates and not of the candidates who are not meeting the criteria. A Committee under the Chairmanship of State Project Director, Samagra Shiksha (or) authorized person by State Project Director will interview the candidates offered by the Bidder before the appointment (if required). The list of candidates selected will be intimated to the IT agency for appointment by them and supply to Samagra Shiksha.
- 3.8.5 The resources deployed have to work for a minimum of 8 1/2 hours per day (with a lunch break) on all working days including Saturdays except Sundays, National holidays, and other State Government holidays. The resources should work and carry out the jobs assigned to them by their reporting authorities and higher-level officials on any holiday or extended hours also if the situation so demands. Resources will be entitled to 6 days of Medical Leave and 6 days of casual leave per year, accrued on a pro-rata basis in the account of the resource. There shall be no provision for encashment or carry forward. All leave will be subject to prior HOD approval.
- 3.8.6 Alternative resources are to be arranged in 7 days if the original/ regular resources do not report for duty for a maximum of 3 days without prior information/ permission.
- 3.8.7 Any settlement of payment to discontinuing resources can be made by the Bidder only on

- obtaining a "No Objection" certificate from Samagra Shiksha.
- 3.8.8 The administrative management of resources is purely the responsibility of the Bidder and in no way Samagra Shiksha is responsible.
- 3.8.9 Samagra Shiksha will, from time to time inform the Bidder in writing as to the number of manpower required in each category, the period for which the manpower is required and their place of work.
- 3.8.10 The Bidder will help source candidates for selection based on agreed specifications. Samagra Shiksha will not commit to a person or absorb anybody for work permanency as this is purely a Contract Arrangement for specific requirements.
- 3.8.11 Samagra Shiksha will request through its designated personnel for withdrawal of manpower in case of theft, fraud, and acts that constitute moral turpitude. In such cases, the Bidder should immediately withdraw the manpower. Samagra Shiksha reserves the right to recover or deduct the costs of such losses from the Bidder. Samagara Shiksha may also blacklist the Bidder at its sole discretion.
- 3.8.12 The Manpower supplied shall work under the guidance, instructions of the State Project Director and other Senior Officers of Samagra Shiksha and also the officials of School Education Departments wherever the resources have been deployed. Further, it may be noted that Samagra Shiksha as per the requirements, may increase or decrease the no. of manpower required. It is not mandatory on the part of the Samagra Shiksha to keep the number of manpower supplied constant throughout the contract period.
- 3.8.13 Without the consent of the Authority, no changes shall be made in the team deployed on the project. If for any reason beyond the reasonable control of the Bidder, it is necessary to replace any of the team members, the Bidder shall be allowed to provide as a replacement a person with equivalent or better qualifications, with approval from the Authority. In case of replacement of resource(s) or deployment of additional manpower (if any) Covid-19 vaccination certificate is essential, the decision of the Samagra Shiksha authority will be final and binding. Further, in case no acceptable replacement is provided within 15 days of the date of departure of the named resource, a penalty of up to 50% of the service charge for the said post may be effected at the sole discretion of the Bidder.

3.8.14 Performance Assessment of Resources Deployed:

- 3.8.14.1 All resources will be subject to review of their performance on ongoing performance.
- 3.8.14.2 Newly deployed resources will be first assessed at the end of two months on their technical capacity and cultural fit, by the Authority.
- 3.8.14.3 Resources will continue after these two months only based on their performance, as assessed by the Authority. If the resources are not seen to be an appropriate fit, the Authority will seek a replacement of the resources.

3.9 Payment Terms

- 3.9.1 No advance payment will be made.
- 3.9.2 Payment to the resources will be deducted for the leave taken by the resources; and can also be recovered (both from the pay and the Service charge) in case of any damage to the property/ assets of the Authority.
- 3.9.3 Payment will be made only for the number of days worked. The service charge also will be paid on a pro-rata basis. The service charge quoted will be linked to the amount paid to a resource each year; so, as the cost of resource increases, the service charge also will increase (in Rupee terms) but at the same percentage.
- 3.9.4 Resources will be subject to review of performance on a half-yearly basis by the Authority. Annual performance pay cum increment for resources will be capped at 20% of the cost quoted for the resource. The Authority will recommend to the Bidder, an acceptable performance pay cum increment percentage based on an assessment of the resource's technical performance. The Authority may, at its discretion also choose to not approve any increment for a resource. No further bonus/variable pay/performance pay shall be payable.
- 3.9.5 Resources who join in Years 2, 3, and so on from the date of issue of work order will be taken in at Base Rate (As quoted in this bid in Col [1] of Financial Bid) + up to 8% (inflation increment). The inflation increment will be as decided by the Authority and will be pegged to the inflation figures declared by the GoI/ GoTN. The inflation increment will be at 8% for each additional year, on the previous years' rate.
- 3.9.6 Payment will be released only after scrutiny of the invoice submitted along with the required documents along with the submission of the previous month's PF/ESI and other statutory remittances (if applicable) in respect of employees deployed for the department as per Government rules, procedures, guidelines, tender requirement, etc. Samagra Shiksha will settle the payment to Bidder(s) within a reasonable time of about 30 days from the date of receipt and acceptance of claims.
- 3.9.7 The payment to the resources, by the Bidder, will need to be done on or before the 5th of every succeeding English calendar month for the previous month's work.
- 3.9.8 No reimbursements for expenses such as traveling, food, accommodation, telephone, internet, data card, etc., will be paid separately except for those items included in the Non-Bid parameters of the Financial Bid.
- 3.9.9 The TDS as applicable should be deducted and a certificate should be issued to the resources with submission details to Samagra Shiksha.
- 3.9.10 The payment to the resources should be supported by the documents such as payslip either through online access or email indicating the breakup details of the payment.
- 3.9.11 The payment for statutory agencies such as PF and ESI to be paid will need to be included as proof to the Authority with the name, A/c no, and details of payment indicated along with the claim for payment. The Bidder will provide the details of statutory payments and also provide support as needed for online verification and validation. Failure on this part will be treated as a lapse on the part of the Outsourcing Agency and action will be taken accordingly.

3.9.12 If at any point it is noticed that the payments to the deployed resources are less than the amount negotiated with the resource, the Bidder will be liable to termination and blacklisting for up to 10 years in Tamil Nadu. The Authority will write to all departments in TN notifying them of this blacklisting and de-bar the bidder from participating in any future contract for the blacklisted period. To verify this, the Authority reserves the right to seek all proof – appointment letter, bank statements of the bidder, PF/ ESI deposit slips (if applicable).

3.10 Arbitration

3.10.1 In case of any dispute, the matter will be referred to a sole Arbitrator to be appointed by the Project Director of Samagra Shiksha in accordance with the Arbitration and Conciliation Act 1996. The arbitration shall be held in Chennai, India and the Language English only. All legal matters will be subject to the courts of Chennai.

3.11 Form of Agreement

3.11.1 To be executed on Rs. 100 Non-Judicial stamp papers by the successful Bidder within 15 days. All the Terms and Conditions specified in the tender document have to be incorporated.

4 STANDARD FORMS

Technical Proposal: Standard Forms

Form 4A: Covering Letter

Form 4B: General Information

Form 4C: Bidders' Experience

Form 4D: Key Personnel & Team Composition

Form 4E: Curriculum Vitae (CV) for Proposed Professional Staff

Financial Proposal: Standard Forms

Form 4F: Financial Proposal Submission Form

Form 4G: Summary of Costs

Form 4H: Bank Guarantee

Form 4A: Covering Letter

(To be submitted on the Bidder's letterhead)

<< Insert Date and location>>

To,

State Project Director,

Samagra Shiksha, DPI Campus, College Road, Chennai, Tamil Nadu, 600006

Dear Madam/Sir,

Sub: Submission of proposal in response to RfP for <RfP title> and <RfP No.>

We, the undersigned, offer to provide the consulting services for [Insert title of assignment] in accordance with your Request for Proposals (RfP) <RfP No.> dated [Insert Date] and our Proposal. [Select appropriate wording depending on the selection method stated in the RfP]: "We are hereby submitting our Proposal, which includes the Technical Proposal and a Financial Proposal (separately), as specified in RfP document". We hereby declare that:

- A. All the information and statements made in this Proposal are true and correct and we accept that any misinterpretation or misrepresentation contained in this Proposal may lead to our disqualification
- B. Our Proposal shall be valid and remain binding upon us until [insert day, month and year in accordance with Bid Validity Period].
- C. We have no conflict of interest in accordance with the RfP <No.> terms.
- D. We meet the eligibility requirements as stated in RfP <No.>
- E. Our Proposal is binding upon us and subject to any modifications resulting from the Contract negotiations.

We undertake, if our proposal is accepted and the contract is signed, to initiate the Services related to the assignment no later than the date finalized by the Authority upon award of contract.

Yours sincerely,

Signature (of Bidder's authorized representative) {In full and initials}:

Full name: {insert full name of authorized representative} Title: {insert title/position of

authorized representative) Name of Bidder (company's

name):

Address: {insert the authorized representative's address}

Phone/fax: {insert the authorized representative's phone and fax number, if

applicable}

Email: {insert the authorized representative's email address}

Form 4B: General Information

(Separate forms to be included for the Lead Bidder and the Consortium Members)

	Separate Jointo to be include	a for the Lead Blader and the Consortium Members)
S1. No.	Particulars	Documents to be provided
1.	Details of the Bidder (Firm)	
	Name	
	Address	Please provide local office registration details (if any)
	Telephone	
	Email	
	Website	
2.	Details of Authorized person	Please provide the power of attorney or board resolution.
a.	Name	
b.	Address	
c.	Telephone / Email	
3.	Registration Details	
a.	Date of Incorporation of Firm	Copy of Incorporation Certificate of the firm to be provided
b.	PAN and GST number	Copy of PAN & GST
4.	Company Profile and Strength	 Company background and history.
		 No. of full-time employees (documents showing the number of employees on the payroll, as of 30th November 2021).
5.	Annual Turnover of last three years (2017-18, 2018-19, 2019-20)	Audited Balance Sheets of last three financial years indicating Annual Turnover certified by Statutory Auditor to be attached.
6.	Other documents	- Consortium Agreement Copy.
		- ISO Certificate (for lead bidder).
		- Certification for primary business in IT Software development by Chartered Accountant.
		- Proof of Authorised Signatory for the firm.

Form 4C: Bidder's Experience

[Using the format below, provide information on each assignment for which your firm was legally contracted either individually as a corporate entity for carrying out consulting services similar to the ones requested under this assignment.]

- Exhibit projects with a copy of proof of experience as per the required evaluation criteria.
- The proof of experience may include Work Order/ Engagement Letter/ Contract Agreement / Master Service Agreement and Client Satisfactory Work certificate / Completion Certificate from the client.
- The supporting documents furnished by the Bidder as proof of experience should cover the key aspects (e.g., contract value, start/end date/ scope, etc.) as per the prescribed evaluation criteria.

S1.	Name of the	Name of	Location	Year of	Project	Whether the	Whether the	No. of IT	10 Accountants
No.	Project	the Client		Start	value		project involved		deployed for
					(Excl. GST)		the deployment	deployed in	min. period of
				End		above (excl.	of 10 IT	Govt.	12 months in
						· ·	personals in the	Department	the past 3 years
						past 3 years	past 3 years		(Yes/ No)
						(Y/N)	(Yes/ No)		
									-

- For each project listed in the table above, please fill the table below:
- Please limit the description of each project to one A4-size sheet of paper. Descriptions exceeding this shall not be considered for evaluation.

Assignment Name:	Contract (in INR in Crore)
Country:	Duration of assignment (months):
Location within country:	
Name of Client:	Total No. of staff-months of the assignment:
Start Date (Month/Year):	Name of Lead Partner:
Completion Date (Month/Year):	
Description of Project:	·
	11
Description of actual services provide	d by your staff within the assignment:

Firm's Name:

Authorized Signature:

Form 4D: Key Personnel & Team Composition (Please use one row for each CV to be included)

S1.	Role	Min. Experience (Yrs)	CV Required to be included	Name of Resource	CV Reference No.
		2	Yes		
1	Project Associate	3	Yes		
		5	Yes		
		1	Yes		
2	Web Developers	2	Yes		
		3	Yes		
2	Carion Wah Davidanana	4	Yes		
3	Senior - Web Developers	5	Yes		
		1	Yes		
4	Mobile Developers	2	Yes		
		3	Yes		
5	Senior Mobile Developers	4	Yes		
		1	Yes		
6	API Developers-PHP	2	Yes		
		3	Yes		
7	Senior API Developers- PHP	4	Yes		
8	Databasa Davidanara	1	Yes		
0	Database Developers	2	Yes		
9	Senior Database Developer	4	Yes		
10	Junior System/ Web Administrator	2	Yes		
11	Senior System/ Web Administrator	4	Yes		
12	Senior Test Engineer	4	Yes		
13	Network / Hardware Engineer	2	Yes		
14	UI/ UX Designer	2	Yes		
15	Sr. UI/ UX Designer	5	Yes		
16	Technical Lead	4	Yes		
00	A	1	Yes (2)		
22	Accountant	2	Yes (2)		

Form 4E: Curriculum Vitae (CV) of Professional Staff

Sl.No. (as per Form 4D) Proposed position Name of staff [First] [Middle] [Surname] Date of birth 4. Profile Brief (in 50-75 words) 5. Proof of residence (Aadhaar/ Passport/ Voter Id/ Driving License) 6. Nationality **Educational Qualifications** Membership of Professional Organizations & **Publications** Countries of Work Experience Proficiency (Good/Fair/Poor) Languages Language Speaking Reading Writing 10. English Tamil Mandatory Position held Duration Name of the organization 11. Employment Record YYYY to present 12. Previous Relevant work [Among the assignments in which the Staff has been involved, experience that best indicate the following information for those assignments that best illustrate staff capability to handle the tasks assigned illustrates capability to handle the task assigned Name of assignment or project: Project start and end date: Location: Client: Designation of the project: Project Cost: Main project features: Role of Staff on the project: Technologies used on the project: Link to view output (if available): Covid-19 two vaccination | Yes / No 13. I hereby certify that all the information provided in this CV is correct and true to the best of my knowledge. I also consent to my CV being included in this project. Signature of candidate Date: Place:

Form 4F: Financial Proposal Submission Form

Location] [Date]

To:

State Project Director,

Samagra Shiksha, DPI Campus, College Road, Chennai, Tamil Nadu, 600006

Dear Sir/ Madam,

Subject: Submission of the financial proposal in response to RfP for <RfP title> and <RfP No.>

We, the undersigned, offer to provide the services for [name of assignment] in accordance with your Request for Proposal dated [date]. Our attached Financial Proposal is for the sum of [amount(s) in words and figures] for undertaking the assignment as per the Terms & Conditions enclosed.

Our Financial Proposal shall be binding upon us subject to the modifications resulting from arithmetic correction, if any, up to the expiration of the validity period of the Proposal, i.e. [date].

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely — Prevention of Corruption Act 1988.

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

Yours sincerely,
Authorized Signature [In full and initials]:
Name and Title of
Signatory:Name of Firm
and Address:

Form 4G: Summary of Costs

Note: The rate quoted in Col. [1] shall be for a profile with the given number of years of experience.

S1.	Role	Min. Experien ce (Yrs)	CV Required to be included	Minimum Remuneration per role per month (Rs.)	Service Charge (%)	Cost per role per month (incl. Service Charge)	GST %	Cost per role per month (incl. GST)
			included	[1]	[2]	[3] = [1] + [2]	[4]	[5] = [3] + [4]
		1						
		2	Yes					
1	Project Associate	3	Yes					
		4						
		5	Yes					
		1	Yes					
2	Web Developers	2	Yes					
	•	3	Yes					
		4	Yes					
3	Senior - Web Developers	5	Yes					
	1	6						
		1	Yes					
4	Mobile Developers	2	Yes					
	1	3	Yes					
	Senior Mobile Developers	4	Yes					
5		5						
		6						
	API Developers- PHP	1	Yes					
6		2	Yes					
		3	Yes					
	Senior API	4	Yes					
7	Developers-	5						
	PHP	6						
		1	Yes					
8	Database Developers	2	Yes					
		3						
	Senior	4	Yes					
9	Database	5						
	Developer	6						
10	Junior System/	1						
	Web	2	Yes					

S1.	Role	Min. Experien ce (Yrs)	CV Required to be included	(Rs.)	(%)	Cost per role per month (incl. Service Charge)	GST %	Cost per role per month (incl. GST)
			moraucu	[1]	[2]	[3] = [1] + [2]	[4]	[5] = [3] + [4]
	Administrat or	3						
	Senior System/	4	Yes					
11	Web Administrat	5						
	or	6						
		4	Yes					
12	Senior Test Engineer	5						
		6						
	N. 1 /	1						
13	Network / Hardware	2	Yes					
	Engineer	3						
		4						
		1						
14	UI/ UX Designer	2	Yes					
		3						
		4						
15	Sr. UI/ UX Designer	5	Yes					
	Designer	6						
		4	Yes					
16	Technical Lead	5						
		6						
		1						
17	Data Entry Assistant	2						
		3						
	Senior IT Consultant	15						
18	and	17						
	Architect	20						
		10						
	Senior	11						
19	Project Mgmt.	12						
	Mgmt. Consultant	13						
		14						
		15						

S1.	Role	Min. Experien ce (Yrs)	Doggieod	(Rs.)	Service Charge (%)	Cost per role per month (incl. Service Charge)	GST %	Cost per role per month (incl. GST)
				[1]	[2]	[3] = [1] + [2]	[4]	[5] = [3] + [4]
		2						
	M/c Learning Engineer	3						
20		4						
		5						
		7						
0.1	Systems	8						
21	Analyst	9						
		10						
	Accountant	1	Yes (2)					
22		2	Yes (2)					
		3						
23	Total Amour	nt (in INR,	number)					
24	Total Amour	nt (in INR,	words)					

Non - Bid Parameters:

- 1. Reimbursement of taxi charges (Uber/ Ola/ Equivalent) in case the resource is required to stay on at Office by the Authority beyond 7 PM on any day.
- 2. Any other charges that the Resource may incur in delivery of their work (to be explicitly specified). However, the Authority reserves the right to accept/ reject any or all of such costs at its sole discretion.

Authorized Signature:

Name & Designation of Signatory:

Note:

- 1. The amount entered in Row 23, 24 should equal the fee quoted under Form 4F.
- 2. The rates quote in [1] above will be the rate on which the Annual Appraisal Linked Increment may be given.
- 3. The rates in [1] will be used in case of appointment of additional manpower at the same posts.
- 4. The Bidders will provide a break up (i.e. the components that will constitute the pay) of the value provided in [1] above and indicate the amount that will be deposited in the accounts of the individuals every month. This shall be attached along with the Financial Bid as an Annexure.
- 5. The figure in [1] should match the pay as per the Appointment Letter signed between the Bidder and the Staff. In case of any variation, the Authority reserves the right to seek clarification, and if found unacceptable in the sole discretion of the Authority, the Authority can impose penalties as mentioned in this document; including termination of the contract

and blacklisting.

6. While the Bidders are free to quote the average monthly rate for the roles, the Authority reserves the right to seek clarifications in case variations in the above rate, are beyond explicable limits.

Form 4H: Format of Bank Guarantee for Performance Security

(To be stamped in accordance with Tamil Nadu Stamp Act)
Name of Bank)hereby agree unequivocally and unconditionally to pay at Chennai within l8 hours
on-demand in writing from the Samagra Shiksha, School Education Department, Government of Camil Nadu (hereinafter referred to as Samagra Shiksha) or any Officer authorized by it in this behalf, of any amount up to and not exceeding Rs (Rupees only) (an amount equivalent to 5% of the awarded
Gees) to the said Samagra Shiksha on behalf of
n case any dispute arises out of or in connection with the encashment of the Bank Guarantee, he courts in Chennai will have jurisdiction.
We (name of the Bank) do hereby irrevocably undertake to, without any reference o the
Bidder or any other person and irrespective of the fact whether any dispute is pending between Samagra Shiksha and the Bidder before any court or tribunal or arbitrator relating thereto, pay the amount due and payable under this guarantee without any demur, merely on a demand from Samagra Shiksha stating that the amount claimed is due by way of loss suffered because of any breach by the said Bidder of any the terms and conditions contained in the said RfP and other communications or because the said Bidder fails to perform the covenants of the same. Any such demand made on the Bank shall be conclusive, absolute, and unequivocal as regards the amount due and payable by the Bank under this guarantee.
Place: Signature
Date: For
Banker's Rubber Seal and Full Address