

Tender No- 98/DeGS
District e-Governance Society, Ranchi
Office of The Deputy Commissioner-cum-Chairman,
DeGS Ranchi

Dated: 14.10.2017

1. Request for Proposal

It is the vision of the DeGS Ranchi under District Administration to have an inclusive society in which equal opportunities and access is provided for the growth and development of the Society through a Web Portal & Mobile App, (JOHAR RANCHI) to ensure better service delivery and improve overall quality of information and to expedite govt. programs with the use of Mobile technology.

DeGS intends to develop a mobile application(mobile-App) and Web Portal with Dashboard and MIS facility (JOHAR RANCHI Project)in English with regional language support for locating accessible places across the District for Androids OS with security audit and GIGW compliant .The proposed mobile application should enable officials to send/collect different survey and inspection data from field level (Block, Panchayat and Village) for different sectors including and not limited to Education, Health, PDS, ICDS/Anganwadi Centers, Social Security Schemes and other data such as beneficiaries of different schemes, attendance & tracking of field-level functionaries and collect several survey related data which will generate different analytical data to enhance Govt. service delivery channel and expedite work at grass root level. The main role of this Mobile App and Portal is to provide a vast analytical report to support decision making system and to take administrative decisions based on the analytical data collected through mobile app. It will equally provide a MIS based report system to review and reduce time lag between field level offices and block, sub-division and district level offices it will also provide customization at user end with better UI and backend support to manage all Govt. services etc. The mobile application should also allow people to add various accessible places on map/portal so to evaluate/rate accessibility of these places. Request for Proposals [RFP]are invited from organizations/companies/Firms that deal in mobile software application development using open source technologies. Technical specifications for the mobile software application development are given below.

Tender Notice No.	DEGS/APP-WEB DEVELOPMENT/
Name of work	Design & Development of Mobile application and Web Application for JOHAR RANCHI & GRS Management System
Completion Period	30 Days
Last Date / time of receipt of Tenders	Up to 17:00 hrs. On October 23 th , 2017 in the office of DDC-cum-Vice Chairman, DeGS Ranchi, Vikash Bhawan, Kutchary Road , Ranchi-834001
Date of opening of Tender	At 14:00 hrs. October 25 th , 2017 at DDC-cum-Vice Chairman, DeGS Ranchi, Vikash Bhawan, Kutchary Road , Ranchi-834001

Time: 2.00PM

Venue:

DDC-cum-Vice Chairman, DeGS Ranchi, Vikash Bhawan, Kutchary Road , Ranchi-834001

To be submitted to:

DDC-cum-Vice Chairman, DeGS Ranchi, Vikash Bhawan, Kutchary Road , Ranchi-834001

(iii)Date of opening the Technical Bids and Financial Bid along with presentation:

25.10.2017

Time: 2.00pm

Proposal must be submitted in the English/Hindi language on the requirements specified in this RFP.

Bidders must provide all requisite information under this RFP and clearly and concisely respond to all points set out in this RFP. Any proposal, which doesn't fully and comprehensively address this RFP, may be rejected. Prices must be stated in Indian Rupees and Taxes (if, any) should be specified clearly and separately.

Submission of the proposals and after their final evaluation, the DDC-cum-Vice Chairman, DeGS Ranchi reserves the right to retain unsuccessful proposals. It is the responsibility of the bidder to identify any information of a confidential or proprietary nature contained in its proposal so that it may be handled accordingly. However, the DDC-cum-Vice Chairman, DeGS Ranchi cannot guarantee confidentiality. The technical and financial bids, duly complete in all respects, in separate sealed covers should reach by 12.30 P.M. on 26.09.2017. Tenders received late and/or both bids in the same cover will not be considered.

2. Scope of work

Development of a mobile application(mobile-App) and Web Portal for Different Ongoing PROJECTS in English, Hindi and all Regional languages for locating accessible places across the country for Androids OS with security audited and GIGW compliant.

3. Eligibility criteria

- I. The proposed bidder should be a company registered under Indian Companies Act, 1956 or The Partnership Act,1932, or Proprietorship Firm.
- II. The bidder should have Articles of Association (in case of registered firms) by Law and Certification of Registration (in case of registered cooperative societies),Partnership Deed(in case of Partnership Firms), or as may apply.
- III. The bidder must have understanding of the Project.
- IV. The bidder should preferably be a private/public limited company under the Indian Companies Act.
- V. The bidder should have prior project development experience in Mobile/Web based application(s) and should have executed at least two such development projects with any Indian Government Department./State Government Department. Bidder should mention reference to URL / App Name in this regard.
- VI. The bidder should have Annual Turnover of 20 Lakhs during the last three years.

- VII. Considering the technical knowledge requirement for the project the promoter/director/employee of the bidder should have a minimum of seven years of field-level experience and higher qualification in Computer Science/Industrial Engineering/ Statistics/Operations Research from recognized institutes / universities.
- VIII. To meet the research requirements of the project in terms of statistical algorithm development and computing the metrics of Key Performance Indicators (KPI) the bidding company should have mentorship from researchers/professors of Institutes of National / International Importance with specialization in the relevant field.
- IX. The bidder will not sub-let the contract or part it's to any other agency or individual(s).
- X. Capacity building & support services to establish and operationalize the system for at least one year.
- XI. Bidders must adhere strictly to all requirements of this RFP.
- XII. No changes, substitutions or other alterations to the technical specifications of requirement stipulated in this Request for Proposal, document will be accepted at a later date unless approved in writing by the DDC-cum-Vice Chairman, DeGS Ranchi.
- XIII. Documents in support of the above pre-qualification condition must be submitted for consideration of the bids in the cover containing technical bid.

4. Evaluation

The technical bid shall be opened at a date & time as specified in this tender document in presence of the authorized representatives of the Contractor, who wish to be present at that time. All the technical bids will be scrutinized, relevant documents checked for their authenticity and the Contractor whose technical tenders are accepted will participate in the financial bids on date & time as stipulated elsewhere in this tender document.

The bidder will have to give a presentation in PowerPoint explaining their ideas and understanding of the project requirements, if asked to do so by the DeGS Ranchi. The bidders

should refer to live Web Applications & Mobile App as sample work of similar nature already executed by them. The bidders having previous work experience in development of software / web applications / mobile app in different Government Departments are preferred.

Evaluation parameter for technical proposal

S.No	Parameters	Maximum Weight age
i.	Understanding of the Project	20
ii.	Previous Project experience with Government Department	30
iii.	Annual Turnover during the last five years of the firm	10
iv.	Presentation & Demo Application	40
	Total	100

5. Preparation of Bids

The bid document may be submitted as a spiral bound with each page numbered and an index of pages identifying the information contained. The bid prepared by the bidder shall be provided in the following **Model Response format**:

Technical bid:

- a. Name of the Agency:

- b. In corporate as in year at
(State Sole Proprietor, Partnership, Private Limited or Limited Firm or Society)
- c. Whether any Legal/Arbitration/proceeding is instituted against or the Agency has lodged any claim in connection with works carried out by them. If yes, please give details.
- d. Whether the agency complies with the requirement of Registration under the Contract Labour (Regulation and Abolition) Act
- e. Agency Profile
Address:

f. Standing of each bidder: Past experience and performance in the works related to Mobile Software Application/ Web Application till date with Government Departments (Attach separate sheets).

g. Performance in the works related to Mobile Software Application during the last one year with Government Department.

Sl. No	Year	Name of Department	Project Start Date	Project Completion date
1				
2				
3				
4				
5				

h. Documentation establishing bidder's capabilities and qualifications to satisfy DDC-cum-Vice Chairman, DeGS Ranchi that the bidder will assume the total responsibility for the satisfactory execution of Mobile Software Application and Web Portal.

j. Samples demonstrating the capabilities of the bidders.

Documents in support of the above maybe furnished with page numbers indicate in the index. Please use separate sheets wherever necessary.

Date:

Place:

Signature & Stamp

Name: _____

6. Financial bid

- a. The financial bids shall indicate the price for Mobile Software Development and Web Application Development.
- b. A bid submitted with an adjustable price, quotation will be treated as non responsive and will be rejected.
- c. The Bid may however contain discounts, if any, offered by the Bidder.
- d. All prices and other information having bearing on the price shall be written both in figures and words in the offer form. If there is discrepancy between the price/information quoted in words and figures, the price/information in words would be treated as final.
- e. The price quotes shall be free of any tax (as applicable from time to time) and duty. These taxes (if applicable) should be itemized separately. Prices shall be final and not subject to revision from the time of entering into force of the contract until the end of contractual obligations.
- f. In no case may the selected proposer invoke a hiatus or an oversight in the description of the work components in the proposal documents or claim inadequate explanations for seeking any price increase or any release from contractual liabilities.

7. Payments

The General Financial Rules and Regulations [GFR] of the Government of India preclude advance payments and payments by letter of credit. Such provisions in a proposal will be prejudicial to its evaluation by the DDC-cum-Vice Chairman, DeGS Ranchi. The normal terms of payments are 10 days (or similarly discounted payment terms if offered by bidders) upon satisfactory delivery of the project/product or performance of services and acceptance thereof by the DDC-cum-Vice Chairman, DeGS Ranchi. Proposers must therefore clearly specify in their proposals the payment terms being offered. Considering the volume of the project the bidder may set well defined milestone(s) with cost(s) involved against

each milestone for release of part payment thereof, subject to satisfactory delivery up to the specified milestone, if otherwise admissible.

8. Submission of Bid

The bidder shall bear all costs associated with preparation and submission of its bid, including cost of technical presentation, preparation of the samples, demonstration website / applications etc. DDC-cum-Vice Chairman, DeGS Ranchi will in no case be responsible or liable for those costs, regardless of the outcome of the tendering process.

Sealing and marking of Bids

- i. The bids must be submitted in two parts as under
- ii. **EN-01:** The envelope shall be sealed and superscribed 'Technical Bid-DDC-cum-Vice Chairman, DeGS Ranchi tender for Mobile Software Application and Web Based Portal'. The envelope not containing technical details or containing financial bid in either explicit/implicit form shall result in the rejection of the bid.
EN-02:The envelope shall be sealed and superscribed ' Financial Bid-DDC-cum-Vice Chairman, DeGS Ranchi tender for Mobile Software Application and Web Based Portal'
- iii. The envelopes shall indicate the names and addresses of the bidder to enable the bid to be returned unopened in case it is declared late.
- iv. Telex, cable and fac simile bids will be rejected.
- v. The two envelopes should be sealed and submitted separately

Deadline for submission of Bids

- i. Bids must be received by DDC-cum-Vice Chairman, DeGS Ranchi at the address given not later than the time and date specified .In the event of the specified date for the submission of bids being declared a holiday for DDC-cum-Vice Chairman, DeGS Ranchi ,the bids will be received up to the appointed time on the next working day.
- ii. The DDC-cum-Vice Chairman, DeGS Ranchi may, at this discretion extend this deadline for submission of bids by amending the bid documents, in which case all rights and obligations of DDC-cum-Vice Chairman, DeGS

Ranchi and bid derpreviously subject to the deadline will there after be subject to the deadline as extended.

Late Bids

Any bid received by DDC-cum-Vice Chairman, DeGS Ranchi after the deadline for submission of bids prescribed by the DDC-cum-Vice Chairman, DeGS Ranchi will be rejected and/or returned unopened to the bidder.DDC-CUM-VICE CHAIRMAN, DEGS RANCHI will not be responsible for any post al delay or non- receipt/non-delivery of the bid. No further correspondence will be entertained on the subject.

9. Opening of Bids

DDC-cum-Vice Chairman, DeGS Ranchi will open all technical bids in the first instance in the presence of bidder's representatives who chose to attend, at the time, on the date and at the place specified. The bidders' representatives present there, shall sign are glister evidencing their attendance. In the event of the specified date of the bid opening being declared a holiday for DDC-cum-Vice Chairman, DeGS Ranchi, the bids shall be opened at the appointed time and location on the next working day.

10. Clarification of Bids

During evaluation of the bids, DDC-cum-Vice Chairman, DeGS Ranchi may at its discretion, asks the bidder for clarification and the response shall be in writing and no change in price or substance of the Bid shall be sought, offered or permitted.

11. Criteria of Evaluation

All proposals will be evaluated in accordance with the provisions of the General Financial Rules and Regulations [GFR] of the Government of India and the evaluation criteria as specified in this RFP.

The evaluation procedure will consist of a formal, substantive and financial assessment of the proposals received. Price is an important factor; however, it is not the only consideration in evaluating responses to this RFP.

12. No commitment

This RFP does not commit the DDC-cum-Vice Chairman, DeGS Ranchi towards a contract or to pay any cost incurred in the preparations or submission of proposals, or costs incurred in making necessary studies for the preparation thereof or to procure or contract for services or supplies. The DDC-cum-Vice Chairman, DeGS Ranchi reserves the right to reject any or all proposal received in response to this RFP and to negotiate with any of the bidder or other firm in any manner deemed to be in the best interest of the DDC-cum-Vice Chairman, DeGS Ranchi. The DDC-cum-Vice Chairman, DeGS Ranchi reserves the right to negotiate and award only a portion of the requirements; to negotiate and award separate or multiple contracts for the elements covered by this RFP in any combination it may deem appropriate, at its sole discretion to add new considerations, information or requirements at any stage of the development/ delivery/deployment process, including during negotiations with bidders; and reject proposal of any bidder that has previously failed to perform properly or in a timely manner contracts of a similar nature, or of a bidder that, in the opinion of the DDC-cum-Vice Chairman, DeGS Ranchi, is not in a position or is not sufficiently qualified to perform the contract.

This RFP contains no contractual proposal of any kind; any proposal submitted will be regarded as a proposal by the bidder and not as an acceptance by the bidder of any proposal by the DDC-cum-Vice Chairman, DeGS Ranchi. No contractual relationship will exist except pursuant to a written contract document signed by the authorized/competent official of the DDC-cum-Vice Chairman, DeGS Ranchi and by the successful bidder(s) chosen by the DDC-cum-Vice Chairman, DeGS Ranchi.

13. Empanelment

Entire job work may be allotted to only one bidder. However, 3 bidders will be empanelled accordingly to technical / financial score. In case the L1 does not take up the bid, L2 would be allotted the job. DDC-cum-Vice Chairman, DeGS Ranchi reserves the right to ask L2, L3 in that order to match L1 rates in case DDC-CUM-VICE CHAIRMAN, DEGS RANCHI decides to allot job to more than one bidder at a time. This will be at the total discretion of DDC-cum-Vice Chairman, DeGS Ranchi

depending on the requirement. The L1 bidder or the successful bidder(s) shall sign a contract, primarily for fair trade practices in all dealings with DDC-cum-Vice Chairman, DeGS Ranchi, in cooperating tender terms, delivery mechanism and penalties for default. The contract shall be signed within 15 days of communication from DDC-cum-Vice Chairman; DeGS Ranchi failing which opportunity will be extended to next technically qualified bidder. The incidental expenses of execution of agreement shall be borne by the successful bidder. The conditions stipulated in the contract shall be strictly adhered to and violation of any of these conditions will entail termination of the contract without prejudice to the rights of the DDC-cum-Vice Chairman, DeGS Ranchi. In addition, DDC-cum-Vice Chairman, DeGS Ranchi shall be free to get the assigned worked one from alternate sources at the risk and cost of the defaulting bidder.

14. Validity of Proposals

The proposal shall remain open and valid for a period of at least 90 days from the designated closing date indicated for receipt to proposals in the RFP. Please state in your proposal that it will remain valid for this period. Once your proposal is accepted during this period, the price quoted in your proposal must remain unchanged for the entire period of the resulting contract unless otherwise specified in this RFP.

15. Rejection of Proposals and Split Awards

The DDC-cum-Vice Chairman, DeGS Ranchi reserves the right to reject any and all proposals if they are, inter alia:

- Received after the deadline stipulated in the Request for Proposal;
- Not properly marked or addressed as required in the Request for Proposal;
- Delivered too there office locations than the one required in the Request for Proposal;
- Transmitted by facsimile;
- Unsolicited;
- Alternate proposal(s);or
- Not otherwise in compliance with this Request for Proposal.
- Proposals from Bidders without any experience in Govt. Works.

The DDC-cum-Vice Chairman, DeGS Ranchi also reserves the right to split an award between any bidders in any combination, as it may deem appropriate.

16. With draws and Modification of Proposals

Proposals maybe modified or withdrawn in writing, prior to the proposal closing time specified there in. Proposals may not be modified or withdrawn after that time.

17. Warranty

The proposal should include the various warranty clauses(if, any). It should include a performance guarantee/warranty for at least 2years from the date of delivery of the developed project/product to DDC-cum-Vice Chairman, DeGS Ranchi. During such period all errors, minor modifications should be taken care by the proposer who is awarded with the development of the project.

Proper Industry standards should be maintained while developing the code and application software. Proper software testing procedures should be adopted to test and check the quality of the software application and it sin term ediateutilities. The development and delivery of the project/ product should be error and bug free.

18. Errors in Proposal

Bidders are expected to examine any maps, drawings, specifications, circulars, schedules and other instructions pertaining to the work, made available by the DDC-cum-Vice Chairman, DeGS Ranchi to the bidders for inspection. Failure to do so will be at the bidder's own risk. In case of error in the to taling of prices, the unit price will govern.

TENDER FORM (FIRST SHEET)

The Deputy Development Commissioner-Cum-Vice Chairman, DeGS

District e-Governance Society, Ranchi

Vikash Bhawan, Kutchary Road ,

Ranchi-834001

1. I/We _____ have read the various conditions to tender attached here to and hereby agree to abide by the said conditions. I/We also agree to keep this tender open for acceptance for a period of 15 days (Fifteen days) from the date fixed for opening the same. I/We offer to do the work of design & development of Mobile app and website.

At the rates quoted in the attached schedule and hereby bind myself/ourselves to complete the work in all respects within 02 months from the date of issue of letter of acceptance of tender.

2. I/We also hereby agree to abide by the General condition of contract of DeGS Ranchi and to carry out the work according Part I &II of bid document.
3. Until a formal agreement is prepared and executed, acceptance of the tender shall constitute a binding contract between us

DATE—

Signature of two witnesses

Signature of the Tenderer/s

GENERAL TENDER CONDITIONS AND INSTRUCTION TO TENDERER

1. DETAILS OF WORKS

On behalf of the DDC-cum-Vice Chairman, for the DeGS Ranchi, invites tenders for the work “Design & Development of Mobile Application and Website for JOHAR RANCHI” Project.

All the offers in prescribed format included with tender document should be submitted before the time and date fixed for the receipt of offers as set forth in the tender documents. Offers received after stipulated time and date will be summarily rejected.

2. TENDER DOCUMENTS

The tender documents consist of Part I - General tender conditions and instructions to tenderer/s, Part II –Special conditions Specification for design & development of Mobile App and website with two years free maintenance of the same.

Tender documents can be collected from, **The Deputy Development Commissioner-Cum-Vice Chairman**, District e-Governance Society, Ranchi, Vikash Bhawan, Kutchary Road , Ranchi-834001 on any working day from 1030 hrs. to 1530 hrs.

Tender documents are also available on district website *www.Ranchi.nic.in..* Failure to do so, may lead to disqualification of the tenderer.

- (i) Tenderer should submit their offer in duplicate (one set containing hard copy and CD containing soft copy) along with earnest money in the form of cash deposit receipt/bank draft.
- (ii) Work schedule and programme for completion of work within the completion period.

3. ACCEPTANCE OF TENDER:

- i. 'IF THE TENDERER/S DELIBERATELY GIVES A WRONG INFORMATION / WHOSE CREDENTIALS / DOCUMENTS IN HIS / THEIR TENDERS AND THEREBY CREATE(S) CIRCUMSTANCES FOR ACCEPTANCE OF HIS / THEIR TENDER. Chairman, DeGS Ranchi RESERVES THE RIGHT TO REJECT SUCH TENDER AT ANY STAGE, BESIDES, SHALL SUSPEND THE BUSINESS FOR ONE YEAR.'

4. WARRANTY, OPERATION AND MAINTENANCE OF MOBILE APPLICATION AND WEBSITE

The MOBILE APPLICATION and Website will be under warranty period for three years after date of launching the website. The successful tenderer shall give an undertaking for running the website for the warranty period of three years

5. PERIOD OF COMPLETION:

The entire work is required to be completed in all respects within 2 months from the date of issue of the acceptance letter. Time is the essence of contract. The bidder/s will be required to maintain speedy and required progress to the satisfactions of DDC-cum-Vice Chairman, DeGS Ranchi to ensure that the work will be completed in all respects within the stipulated period failing which action may be taken by the DeGS Ranchi as per existing rules.

The bidder/s shall arrange to execute the different items of works in close consultation with and as per directions of the DeGS Ranchi.

6. PAYMENT TERMS

- 6.1** Payment will be done phase wise deployment of Mobile App and Website for the initial phases; Full Payment will be made after launching the website and complete Mobile APP and after 2 months of successful operation is over.

6.2 Website yearly maintenance cost will be paid after successful completion of first two year of project deployment and support provided during that period for a sustainable project.

7 The mode of payment in indigenous contract will be made through Electronic Fund Transfer (EFT) Scheme. The bidders have to furnish the following information in the bid offer in order to facilitate payments through EFT.

7.1 Beneficiary Name.

7.2 Bank Name & Account No.

7.3 Beneficiary's Account No.

7.4 Nine digit MICR code:

7.5 Type of Account (Current A/c Cash credit Account)

8 Progress Monitoring

Development Agency/Firm will be required to give the DDC-cum-Vice Chairman, DeGS Ranchi progress report of the work done every week. He will also give to the DDC-cum-Vice Chairman, DeGS Ranchi the program of work to be done in the next week of the preceding period. The program will be subject to alteration or modification at the direction of the DDC-cum-Vice Chairman, DeGS Ranchi, who may discuss such modifications or alterations as considered necessary.

9 Completion period: - The work i.e. Design & Development of web site is required to be completed in all respects including date of launching the website within two months from the date of issue of the acceptance letter or earliest possible time.

10 Training:-For smooth operation of website proper training of its staff and stakeholders shall have to be provided at DDC-cum-Vice Chairman, DeGS Ranchi office.

11 Penalty clause: - In case the Development Agency/Company/Firm fails to execute and complete the work within the time specified in the agreement or within the period of extension granted by the accepting authority, a penalty may be levied except in the case

where the delay is purely on the part of the DeGS Ranchi. In this regard the decision of the DeGS Ranchi would be final.

The DeGS Ranchi administration reserves the right to deduct any dues from the Development Agency/Company/Firm from the security amount/on account bills etc. on the following grounds:-

- 11.1** Any amount imposed as a fine by the DeGS Ranchi administration for irregularity committed by Development Agency/Company/Firm or any of his servant/agents.
- 11.2** Any payment/fine made under an order judgment of any court/consumer forum or law enforcing agency or any person working on his behalf.
- 11.3** In all matters, decision of DDC-cum-Vice Chairman, DeGS Ranchi will be final, who will also be the appellate authority in all matters.

14. FORCE MAJEURE

The obligations of DDC-cum-Vice Chairman, DeGS Ranchi and the AGENCY shall remain suspended if and to the extent that they are unable to carry out such obligations owing to force majeure or reason beyond their control. In the event of such inability continuing for more than a week, the other party shall have the right to terminate this agreement without further obligation.

15. ENTIRE AGREEMENT

This Agreement embodies the entire agreement and understanding between the parties as to the subject matter hereof and supersedes all prior negotiations, arrangements, agreements and understanding between the parties. Any changes in the terms of the document can only be made in writing and by mutual agreement.

17. ARBITRATION

In the event of any dispute arising amongst the parties, the parties agree to use their best efforts to attempt to resolve all disputes in prompt, equitable and good faith. In the events the parties are unable to do so, then such dispute shall be finally resolved by arbitration. Each party shall appoint one arbitrator each, who in turn shall appoint the third arbitrator. The arbitration shall be conducted in the English language and the venue of the arbitration shall be in Jharkhand.

16. LEGAL JURISDICTION

The parties hereby irrevocably consent to the sole jurisdiction of the Courts of Jharkhand in Connection with any action or Proceedings arising out or in relation to this Agreement.

PART 2 Special conditions

1. SCOPE

Broad scope of the project is as follows:

- Preparation of the web& Mobile Application (Both Hindi & English) as per GOI Guidelines for website.
- Database driven approach, Linux/Windows based and use of latest software
- Addition of content of approximately 150 pages (50 static & 100 dynamic) to be added as and when required.
- Writing of all the contents in the responsive web Interface
- Provision of Customization at every level.
- Training to related officials for every product and content placement at DeGS Ranchi and DC Office.
- 2 years free maintenance of the Application with rectification of errors, addition or up gradation of contents and features.

2. PROJECT REQUIREMENTS:

Developer must follow guidelines for Government of India websites to ensure proper standardization of all content of application needs to be designed with all dynamic features for updation and prescribed web accessibility.

The web portal should be developed using Free and Open Source Software (FOSS) solutions for platform independence using Linux Operating System using web frameworks (like Django, Flask, etc.) along with following features:

- Least site opening time
- Use of Open Source Technology
- The coding language to be used should have scientific and numeric computing capabilities like PYTHON,PHP,WORDPRESS,JOOMLA and MySQL or PostgreSQL as backend DBMS.
- Clean and professional design using Front-end technology like Angular JS, jQuery etc.
- Security of Applications
- Overview home page, definitions, disclaimer, RTI info, employees info, have to be given for the organization i.e. DeGS Ranchi

3. Functionality Covered In Mobile App and Dynamic Website Portal

Mobile Application and Website-Components: The proposed website & mobile app should have 2 broad components:

Technical Specifications

Web and Mobile Application for Project : JOHAR RANCHI

MODULE FOR SCHEME PROGRESS MONITORING – PHYSICAL & FINANCIAL & CITIZEN’S CHARTER

Ranchi, Capital of Jharkhand is divided into Ranchi and Bundu sub-divisions and each sub-division is further divided into blocks, panchayats and villages. It consists of 18 blocks and 305 panchayats. Under Ranchi sub-division, there are 14 blocks and Bundu sub-division consists of 4 blocks. Our present scope intends to cover all blocks up to panchayat level under Ranchi district.

Different Govt. Departments execute different schemes in the interest of public service for the benefit of people of Ranchi.

Now, District Administration intends to prepare a database of ongoing/ completed schemes, and monitor the Financial as well as Physical progress of each schemes and publish the same via Mobile App and as well as in Web Portal. Besides, district administration intends to obtain feedback from the residents of the districts on different Government Schemes on a real time basis and take necessary action thereon as may deem fit.

Thus, in short district administration intends to provide a transparent and open platform which will encourage every individuals to keep round-the-clock vigilance on Public Utility Schemes for fruitful and proper implementation of Government Schemes.

Now, to meet up the aforesaid purpose district administration intends to design and develop an Android Based Mobile App operating on a Web Portal to meet up the aforesaid purpose having the following features:-

- Display Government Schemes executed by different Government Departments.
- Display Project Progress – both financial & physical in respect of each of the schemes
- Obtain user feedback on each schemes
- Disposal of user feedback on each schemes
- Generate Scheme Register
- Geo-tagging of Schemes
- The contractors will be responsible to upload existing data in respect of the ongoing and completed schemes of the district.
- The contractors will ensure necessary user training for proper implementation of the system.

MODULE ON COMPILATION OF ASSETS REGISTER AND GEO TAGGING OF ASSETS

- Schools Management Information System - No of Students, Contact Person, Teachers, Vacancy Reporting etc.
- PDS Management Information Systems - Location, Beneficiaries, Opening Hours
- Management of Social Security Schemes like Pension – beneficiary – [Geo-tagging of beneficiaries]
- Anganwari Centre MIS – No. of Beneficiaries, No of Sahayak , Location of Center, Opening Time / Closing Time
- Management Information Systems on Self Help Group – Group Details, Operating Location, Nature of Business, No. of Persons Involved, Works Done
- Management Information Systems on Kishan Mitra – Field Officers – Particulars like Name, Designation, Mobile No, Address, Name of Block / Panchayat
- Tourisms Management Information Systems – Tourist Spots – Location, Features, Connectivity, Fees, Opening Hours, Contact Persons / Agents / nearby Police Station / Hospital / Emergency Services
- Particulars of LAMPS – Agricultural Marketing Projects

- MIS on Paddy Procurement Scheme – Particulars, Location, Beneficiaries etc
- Management of data on Day Boarding Schools – 12/15 Schools – School Name, Details, Location, Contact Person, Contact Details, Principal, Students, Seats Available, Procedure for Application
- CHC – Community Health Center Details
- Police Stations
- Ambulance
- Block Offices, Panchayat Offices, Time, No of Officers, Head office in the block level
- Beneficiary management in respect of different schemes being implemented by district administration.
- All above MIS report should be viewable in Mobile App / Web Portal and fully editable / updatable from back-end interface by the concerned departments.

Module to Track Activities of Rojgar Sevak

- a) The purpose of development of this application is to ensure performance monitoring of Rojgar Sevak and generate MIS for further development of Administrative DSS.

Technical Requirements

- a) Fixing of territorial epicenters of each Rojgar Sevaks.
- b) Development of App Interface for Rojgar Sevak.
- c) Real-time tracking of Rojgar Sevak under Network Covered Area and Offline Tracking in Shadow Zones.
- d) System will trigger alerts on pre-defined criterion for the administration to inspect.
- e) Whenever, any Rojgar Sevak goes beyond his territory, a red alert will be triggered for the Administration to check.
- f) Mobile App will have a CASE DIARY feature where each Rojgar Sevak will update their daily activities
- g) Administration can view the Case Diary, filter results based on Rojgar Sevak name, location etc.

- h) Administration can view various Charts / Diagrams to gauge the Performance of Rojgar Sevak based on different statistical KPI.
- i) Administrators can send push notifications to Rojgar Sevak (s) / selected Rojgar Sevak
- j) Development of Attendance Module for Rojgar Sevak both for network covered zone as well as shadow zone.
- k) Development of Leave Application Module for Rojgar Sevak

Besides, different blocks in the district will have their own user accounts to logon to the system and update information about Rojgar Sevak.

The scope also includes Geo-tagging of different facility centers so that people can find them on Google MAP through the Mobile App.

Besides, different departments in the district will have their own user accounts to logon to the system. Guests can register themselves using their Mobile No. / Email Address – to create guest account to view scheme status / their feedback status.

Each of these modules must have the following features:-

- Perform inspection through survey forms for various schemes.
- Notifications about inspections at District/Block/ Cluster level.
- Facility to work offline while performing inspection in remote areas, saving multiple reports temporarily until data is sent later via mobile network (GPRS data capability) or WLAN (wifi).
- GPS mapping, Geo tagging and time stamping of reports, images. It will include support for GPS location recording at time of inspection.
- Inspection wise PDF/EXCEL report generation.
- Manual and automatic sync operations.
- The Web Portal must be developed based on a standardized web framework / content management systems and it must be fully dynamic and customizable.

General Technical guidelines

- a) The mobile App(Offline & online) based preferably on Google geo tagged with registered user IMEI Handset access only to access the allowed functionalities on App user group wise.
- b) The language of the mobile App will be Hindi & English languages.
- c) The design of the mobile-app will be user friendly with logo and tagline of the Department.
- d) Dashboard with MIS and Analytical reports generation facilities
- e) The application data availability on the mobile App will be completely updated if login over ISP Networks.
- f) The mobile application availability will be freely downloaded.
- g) The application will be hosted on the cloud.
- h) The vender shall also provide search engine optimization for the mobile- app.
- i) The provider of information would be incentivized through some award system.
- j) Mobile application should be browser independent and device independent i.e. .accessible from all browser and devices viz. smart phone etc.
- k) Design and development of Web and Mobile App should be in open source using latest framework and tools.
- l) Should enable the authorized back end user to take action as per the Standard operating procedure
- m) User management and their authentication process should be built into the Mobile application.
- n) Enable administrators for managing masters and mapping.
- o) Provision of the audit trail should be built in.
- p) Online documents generation and Reports in various permutations and combinations as per the Department need.
- q) On demand photo capturing facility with GPS location from form submission.
- r) Require high bandwidth secured dedicated VPS or Cloud for hosting application.
- s) Unlimited user registration for web and mobile App.

- t) Control Panel Login Credentials required to be shared with District Administration.
- u) There should be provision to upgrade applications as and when required by Administration
- v) Application maintenance & AMC terms & condition must be shared with tender documents.
- w) Full technical guide for the Applications must be shared on completion of the project.
- x) Web and Mobile app to be security audited and GIGW compliant
- y) The Web based application will have multi role login which will allow the system to function as inspection agent, report viewing interface and communication platform. It will be customized as per different department processes. Analytical dashboard will provide the analysis through Key Performance Indicators (KPI) on a real-time basis. There would be provisions to generate Block-wise/Cluster-wise excel based/PDF/MS Office statistical summary and inspection reports as per defined template.
- z) DeGS Ranchi will be the owner of source code, plugins, API used, data structures and database with all data. After successful completion of this project knowledge transfer process must be accomplished with DeGS Ranchi and NOC for the same will be issued by member secretary, DeGS Ranchi.

4. Administrator Section: Website should have all facilities be available as below

Secure Login:

Admin section must be protected by username and password and using salted MD5 encryption.

At database level also password should be stored in encrypted format.

After 5 consecutive wrong attempts the password should be reset and new password would be sent to administrator through email.

5. Technology Used

The new website for DeGS Ranchi should be developed under Latest platform. The operating system requirements at Server should be LINUX/Windows Server with Hosting through VPS/Cloud

6. Implementation Approach

- On receipt of work order the Developer should prepare sample layouts for the Mobile App/website and should be submitted DeGS Ranchi for approval. All changes suggestion for the layout would be done by the Developer.
- Further work should only be started after approval. Work should be done based on cyber security guidelines. All existing content of the website should be converted as so to comply with Govt of India

7. Project Schedule Time to specified

S.No	Activity	Start	End	Remarks
1.	Project Initiation			
2.	Preparation of Sample Layout			
3.	Finalization of Home Page/Colour			
4.	Website Functionality			

5.	Approval of functionality			
6.	Content Placement			
7.	Web Guidelines Audit			
8.	Security Audit & submission			
9.	Web Site uploading & Launch			
10.	Maintenance of website			

8. ACCEPTANCE CRITERIA

- User Manual & Web Site Contents on pen drive (16 GB)
- Web site Setup/Installation, Maintenance Guidelines
- Training for the Administrative/UI Interface would be provided at DeGS Ranchi.

9. COST Bidder should quote as per following format Including all taxes and overheads (if any)

S.NO	COMPONENTS	COST
1.	<p>Cost of designing and launching of website, writing of content, structure of Bi-lingual.</p> <p>Mobile Application and website, addition of HTML Pages Conversion to accessible format (PDF,XML,CSV,XLSX, DOCX and HTML) with Mobile and Desktop system (PC with Printer) and its software for website purpose(off-line version wherever internet is an issue site to be maintained).</p> <p>Uploading & successful working for 60 days</p>	<i>To be quoted</i>
2.	Maintenance cost-First & Second year	<i>Under warranty hence free</i>
3.	Maintenance cost-Third year	<i>To be quoted</i>
4.	Maintenance cost-Fourth year	<i>To be quoted</i>
5.	TOTAL	

All communication for the project should be done through emails degsranchi@gmail.com

ANNEXURE-A

CONSTITUTION OF THE FIRM

1.	Full name of bidder/s constitution of firm and year of establishment	
2.	Registered Head Office and address	
3.	Address on which correspondence regarding this tender should made	
4.	Constitution of firm give full details including name of partners, executives and power of attorney holders etc.	

Signature of the Tenderer