

DISTRICT RURAL DEVELOPMENT AGENCY
2ND FLOOR, HOUSING BOARD BUILDING
ANNA NAGAR, NELLITHOPE POST,
PUDUCHERRY-605 005.

Notice Inviting EOI for Development of application software & procurement of Biometric handheld device for providing Biometric device based Attendance Monitoring at Worksite under MGNREGA at UT level.

1. Introduction:

The purpose of the 'Expression of Interest' (EOI) is to shortlist the reputed and qualified developer/service provider firm to offer services and supply **for Development of application software & procurement of Biometric handheld device for providing "Biometric device based Attendance Monitoring at Worksite (BAMW) under MGNREGA"** at state level to capture the demand sheet attendance using finger print reader, etc., in the UT of Puducherry [UTP]. The objective of this document is to provide indicative information on the scope and objective of this assignment. The detailed scope of work, terms and conditions will be provided to shortlisted developer/service provider as per the selection parameters provided in this Expression of Interest (EOI) document. It may be noted that this is an invitation of Expression of Interest and it should not be construed as the Tender/Request for Proposal (RFP) in any form and would not be binding on the DRDA in any manner what so over.

The shortlisted developer/service provider firm is expected to develop various modules and review implementation process of the BAMW initiatives as desired by DRDA. The Implementation Developer/Service provider firm for development of BAMW and the implementation is governed by the DRDA Puducherry.

2. Indicative Scope & Expectations of BAMW Project

- a. The interested firms/organizations should have the resources, capability and commitment necessary for bringing additional value to the project.
- b. The Firm/organization should have adequate technical and financial capabilities to submit the Expression of Interest.
- c. Moreover the Firm/organization should have prior experience in implementing similar programmes at any level in State or National level.
- d. The project is expected to cover the tentative scope of work as mentioned in Annexure- I and it is expected that the developer/service provider firm will provide the required project plan along with required manpower and milestones for achieving the required deliverables.
- e. The Scope of work listed is only indicative. Therefore the interested organizations are required to give a full fledged proposal beyond the indicated scope of work.
- f. BAMW project involves procurement of Biometric device & application software for the Tab with minimum specification mentioned in the Annexure-III
- g. BAMW is an application platform to capture biometric data of all 70,000 MGNREGA beneficiaries which need to work both online and offline.
- h. BAMW is an android and web-based solution for capturing the In-Time and Out-Time of the demand sheet workers on daily basis during the demand period. The attendance is captured by scanning the finger print of the worker through a bio-metric device.

- i. The functionality of this solution also extends to capture the finger print (upto 5 and minimum of 2 fingers) of the worker during the worker registration.
- j. Creation of demand sheet functionality has to be provided in the web-server where-in the registered workers will be added to the demand based on the requirement.
- k. The Registration android application and GRS android application has to be provided as separate applications. Both applications will have restricted access with login authentication

I. Registration android application for the implementation of

Registering the data to be capture and storage in server as directed by DRDA, viz., Name, Job Card No. Village Panchayat Name, Commune Panchayat Name, Block and 2 to 5 fingers print capture of NREGA existing/New workers.

II. GRS android application is to be implemented in the following tasks

- a. Village Panchayat-wise Demand capturing village panchayat-wise - from-date, to date, no of days demanded to be entered and save in server either online offline and upload when net connectivity available.
 - b. Work allocation
 - c. Attendance marking through finger print
 - d. Measurement entry
- l. The web-server should be user friendly, with responsive designs for desktop, mobile and tablet compatibility. Login based access restriction has to be implemented with various levels of authorization for different users.
 - m. Sealed Expression of Interest (EOI) prepared in accordance with the procedure enumerated in this document shall be submitted in the Proforma given in “Annexure” as per Schedule given below:-

1.	Notice Inviting EOI Advertisement content to be published and details scope of work to be uploaded on 18-12-2015
2.	Any clarification on EOI Shall reach to DRDA mail on or before 23-12-2015
3.	Clarification will be uploaded in our web site on 26-12-2015
4.	Last date and time for receipt of EOI is 28-12-2015 at 15:00hrs
5.	Announcement of selected agency(s) will be available in website on 30-12-2015 at 16:00hrs
6.	The scope of work and services expected from the shortlisted bidder will be discussed on 04-01-2016 at 11:00hrs
7.	Technical Evaluate and following which opening of commercial bid will be done on 05-01-2016 at 11:00hrs

n. Addressee and address at which EOI is to be submitted

Project Director, DRDA., Puducherry.

II FLOOR, Housing Board Building

Anna Nagar, Puducherry-605005.

Telephone 0413-2203601, Fax- 0413 – 2200077

Email: - drda.pon@nic.in Website: <http://drda.puducherry.gov.in/>

o. Terms and Conditions : The application should be accompanied with the following document:

- I. A write-up on the understanding of the assignment (not more than two pages)
- II. Capability statement (not more than five pages) demonstrating experience in developing and delivering IT/ Modules, Implementing e-Governance Projects for the state Government.
- III. The Firm/Firm/organization profile giving details of fields of operation, current activities in the relevant field(s) and management structure (not more than four pages)
- IV. General Conditions:-
 1. Prices to include support for one year from the date of commissioning of software in the SDC server / as directed by the DRDA.
 2. Quoting the core price & Tax, Duties, Discount etc.,: The taxes/duties/discounts if applicable, are to be explicitly and separately shown in their commercial Bid
 3. Complete technical specifications/details must be mentioned explicitly.
 4. The Bidder must provide completion of the work time.
 5. All license and software server database costs have to be borne by the bidder which giving at commercial bid till the project is taken over by DRDA.
 6. Support: one year from the date of commissioning.
 7. Offers received through telex/tele-fax/email will not be accepted.
 8. Additional terms and condition will be incorporated in the order if needed, to safe guard the interests of the DRDA.
 9. DRDA reserves the right to accept or reject any/all Bidders EOI proceedings without assigning any reason whatsoever.
 10. Upon selection of the successful bidder should submit a demand draft towards Earnest Money Deposit(EMD) 5% of the quoted amount by way of Demand Draft drawn in favour of “The Project Director, DRDA., Puducherry, payable at Puducherry. The same will be reserved as Performance Deposit upto one year from the date of commissioning from the successful bidder.
 11. The successful bidder should start the work immediately after receipt of the work order.
 12. Payment as per DRDA Norms.

13.

p. Pre-Qualification Criterion:

Firms meeting the following qualifying criterion are eligible to apply for the EoI,

- I. The Firm should have at least 3+ experience in seamless Integration & implementation of Android & Web server technology
- II. Firms that have successfully completed at least two similar projects related to integrating Android – Web server database with hardware
- III. Mandatory expertise in following technology.
- IV. The Bidder should be registered for Service Tax and Income Tax in India.
- V. The Bidder must not be blacklisted by any Government/public sector Firm/organization in India at the time of submission of EOI.

3. Bid Evaluation Process:

The Evaluation methodology to be adopted will be in two stages comprising Expression of Interest in the first stage. The second stage will comprise inviting techno-commercial bids from eligible bidders. The evaluation procedure for the short listing process would be Quality-cum-Cost Based System (QCBS). The costs associated with the preparation and submission of the response to the EOI shall be borne by the bidder.

a. Technical Qualification Criteria:

- I. All contents of technical proposal must be in a separate cover(1) with superscripted as “Technical Proposal for BAMW project”
- II. Technical proposal of the bidders will be opened and evaluated who meets all the pre-qualification criteria.
- III. The evaluation committee will evaluate the Technical Proposals on the basis of the technical evaluation criterion as mentioned in Annexure II

b. Commercial Bid Evaluation:

- I. All contents regarding commercial bid must be in a separate cover(2) with superscripted as “Commercial Bid Details for BAMW project”
- II. The Financial Bids of technically qualified bidders (i.e. above 70 marks) will be opened on the prescribed date in the presence of bidder representatives.
- III. Only fixed price financial bids indicating total price for all the deliverables and services specified in this bid document will be considered. The bid price will include all taxes and levies and shall be in Indian Rupees and mentioned separately and any conditional bid would be rejected.

- IV. In the event that there are 2 or more bidders having the same value in the financial bid, the bidder securing the highest technical score will be adjudicated as the “Best responsive bid” for award of the Project.
- V. Evidence of incorporation (Not required for Government organizations)
- VI. Current Annual Report and audited Balance Sheets and Profit and Loss Accounts statements for the past three years (Not required in case of Government Organizations)

c. Final Evaluation:

A composite score shall be calculated for technically qualified bids only. The weightage for the composite evaluation is as described below:

- I. Technical – 80%
- II. Commercial – 20%

Annexure

**Application form to submit the EoI Selecting application developer/service provider firm for
Implementing (BAMW) in UTP**

Sl. No.	Details required	Particulars to be filled by the bidder
1	Name and mailing address of the Developer/service provider firm	
2	Telephone, Fax and E-mail	
3	Name and designation of the person authorized to make commitments to the Director IT	
4	Year of establishment and constitution of organization	
5	The details of the top management with their professional qualification and experience	
6	Profile of personnel with qualification, experience and relevant certification, who can be assigned the job	
7	List of projects in the last five years in which the Firm has delivered similar service	

Annexure I**I. Tentative Scope of Work & Criteria for Technical Presentation & Evaluation**

1. The capabilities of the empanelled developer/service provider on the following criteria –
 - a. Turnover**
 - i. Consulting
 - ii. Software Development
 - b. Experience**
 - i. Consulting
 - ii. Software Development
 - c. Approach and Methodology**
 - d. Approach and Methodology to perform the work in this assignment**
 - e. Firm Profile**
 - f. Presentation: the presentation must cover the following aspects**
 - i. Firm/organization profile including their Government Experience.
 - ii. Project Understanding.
 - iii. Understanding what “needs” and “needs to do” showing the process flows and complete overview of the functional solution
 - iv. Clearly mentioned their ability & clarity towards BAMW implementation, support and maintenance.
 - v. Briefly explained the project breakdown Structure exit procedures.
 - vi. Roadmap showing the planned execution of the project timelines for the related activities involved in the implementation

II. Expected/ Tentative Scope of Work

1. Study of Best Practices
2. Gap Analysis & To-Be Design of Proposed System (Business Process Reengineering)
3. Define Functional & Technical Requirements
4. Design, Development & Deployment of Application
5. Testing
6. Procurement & supply of biometric device that must be compatible with the tablet. The minimum configuration of which is given in Annexure-III.
7. Operational support – Hardware and Software Maintenance
8. Capacity Building & Change Management Requirements – Training & handholding
9. BPR & Gap Assessment
10. Data Migration & Digitization Plan
11. Functional Requirement Specifications (FRS)
12. Software Requirement Specification (SRS)
13. User Acceptance Testing of Departmental applications
14. Third party application audit by THIRD PARTY
15. Hardware Procurement & Commissioning
16. Completion of Training & Change Management activities
17. Post Go-Live project assessment
18. Project closure report from DRDA Puducherry

Annexure-II**Technical Evaluation criterion**

#	Item	Criteria	Total Marks	Marks Obtained	Remarks
1	Turnover			10 (Total Marks)	
	a) Consulting	Average turnover from services related to IT Consulting (i.e. revenue should be on account of IT Consulting other than related to supply of hardware/IT infrastructure and their associated maintenance services, packaged software etc. in last 3 years (<i>Turnover in Rs. Crores</i>))	<p>More than Rs. 20 lakhs: 5 marks</p> <p>Less than Rs. 20 lakhs and more than Rs. 10 lakhs : 3 marks</p> <p>Less than Rs. 10 lakhs : 2 marks</p>		<p>Extracts from the audited Balance Sheet and Profit & Loss A/c</p> <p>OR</p> <p>Certificate from the statutory Auditor</p>
	b) Software Development	Average turnover from Software System Integration, Development and/or Implementation Services Work in last 3 years (<i>Turnover in Rs. Crores</i>)	<p>More than Rs. 20 lakhs : 5 marks</p> <p>Less than Rs. 20 lakhs and more than Rs. 10 lakhs: 4 marks</p> <p>Less than Rs. 10 lakhs and more than Rs. 5 lakhs : 3 marks</p> <p>Less than Rs. 5 lakhs : 2 marks</p>		<p>Extracts from the audited Balance Sheet and Profit & Loss A/c</p> <p>OR</p> <p>Certificate from the statutory Auditor</p>

2	Experience			30 (Total Marks)	
	a) Consulting	Experience in Consultancy Project	When the No. is equal to or more than - 5 projects : 15 marks - 4 projects : 12 marks - 3 projects : 9 marks - 2 projects : 6 marks - less than 2 or 1 : 3 marks		
	b) Software Development	Experience in Software Application, Development and Implementation in India (<i>maximum of 5 nos.</i>)	When the No. is equal to or more than - 5 projects : 15 marks - 4 projects : 12 marks - 3 projects : 9 marks - 2 projects : 6 marks - 1 project : 3 marks		

3	Approach and Methodology			30 (Total Marks)	
	Approach and Methodology to perform the work in this assignment :	<p>1) Understanding of the objectives of the assignment : The extent to which the consultants approach and work plan respond to the objectives indicated in the RFP</p> <p>2) Completeness and responsiveness : The extent to which the proposal responds exhaustively to all the requirements of all the Scope of Work</p> <p>3) Software Development Methodology proposed (<i>i.e. Waterfall Model, Spiral Model, Interactive, Agile Development, Code and Fix, etc.</i>)</p>	<p>10</p> <p>10</p> <p>10</p>		
4	Firm Profile			15 (Total Marks)	
		a) Full-time professional staff engaged in consulting services (Number of staff)	<p>Employee count more than 50: 5 marks</p> <p>Employee count less than or equal to 50: 3 marks</p>		

		b) Geographical/Regional presence of the Consulting Organization	Puducherry: 10 marks Chennai/ Tamil Nadu/ 7 marks Others: 0 marks		
5	Presentation			15 (Total Marks)	
		a) Firm/organization Profile	3		
		b) Project Understanding	3		
		c) Project Breakdown structure including milestones and deliverables	3		
		d) Capacity Building Plan	3		
		e) SLA and O&M	3		

Annexure-III**Minimum specifications of the tablet/device for Biometric device based
Attendance Monitoring at work site under MGNREGA**

Item	Minimum Specification
General	
Size/Dimensions	180x120x12 mm
Weight	Not more than 500 gm including battery
Processor	1.3 GHz Dual Core
SIM	Single, 3G, GSM/GPRS support
Language Support	Hindi & Local language fonts, in addition to
Platform	
Operating system	Android - Kitkat/Lolipopo
Memory	
RAM	2 GB DDR 2
Storage	
Internal Storage	8 GB with SD card support
Expandable to	32 GB
Display	
Screen	7" Touchscreen with 800*480 pixels
OTG support	Compulsory/mandatory
Camera	
Primary Camera	5 megapixels
Other Features	Autofocus
Battery	
Battery Type	3000 mAh
Internet Browsing Time	Atleast 6 to 8 hours
Connectivity	
Wi-Fi	Yes
USB	Yes, 1*Micro USB (Supporting USB 2.0)
Bluetooth	V3
Supported Networks	2G, 3G
Navigation	
GPS	Yes compulsory/mandatory
Map Support	Yes
Warranty	
Warranty Features	1 Year on-site manufacturer warranty