

# TENDER NOTICE

**Jharkhand Space Applications Center  
Department of Information Technology  
2<sup>nd</sup> Floor, Engineer's Hostel - I, Dhurwa, Ranchi - 834004**

On behalf of the Government of Jharkhand, the Director, Jharkhand Space Applications Center (JSAC), Dept. of Information Technology, Government of Jharkhand invites sealed Bids (Technical and Commercial) for **GPS & GPRS based Ambulance Tracking System under Jharkhand Rural Health Mission Society (JRHMS), Ranchi.**

1. The tender document may be downloaded from <http://jsac.jharkhand.gov.in> and the fee should be enclosed in form of demand draft in favor of Director JSAC with the bid document at the time of submission.
2. The details are given below:

<b>Tender Reference</b>	<b>JSAC/12/2013 Date : 21/2/13</b>
Price of Tender Document	Rs 5000/-
Pre-bid Conference date & place	8 <sup>th</sup> March 2013 at 11.30 a.m. Jharkhand Space Applications Center Engineer's Hostel-I, Dhurwa Ranchi – 834004
Last Date and Time for receipt of tender offers	22 <sup>nd</sup> March 2013 at 4:00 PM at JSAC,Ranchi
Date and Time of Opening of tender offers (Technical offer)	2 <sup>nd</sup> April 2013 at 11:00AM at Jharkhand Space Applications Center Engineer's Hostel-I, Dhurwa Ranchi – 834004
Time and Date of Opening of Price Bid (Commercial Offer)	To be announced after opening of Technical Offer.

3. Bids should remain valid for acceptance up to 2<sup>nd</sup> July 2013.
4. The Director, Jharkhand Space Applications Center, Ranchi reserves the right to accept or reject any tender offer without assigning any reason.

Sd/-  
Director  
Jharkhand Space Applications Center, Ranchi

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## **1. INTRODUCTION**

Jharkhand Rural Health Mission Society (JRHMS), Ranchi has initiated 103 Mobile Medical Unit (MMU) to provide health care services in rural and hard to reach areas of Jharkhand and would like to purchase new devices from qualified bidders to supply, install, maintain and operate for the existing solution, generate customized reports as required, update maps with the latest map data for Jharkhand, The bidder should install, remove and re-install the devices as and when required by JRHMS.

## **2. OBJECTIVES**

The Objective of implementing GPS system is to make sure that the health services are properly and timely delivered to the defined health camp/site. JRHMS not only wants to monitor vehicle providing health services at defined Health camp/Primary health centers/ Health Sub Centers /Village, but also from one location Health camp to another within the state. Besides the above it is also intended that as and when the MMU leaves the source point, the concerned Health camp/PHC/CHC/Village and 5 registered Sahiyas for where the services are to be provided gets an SMS, So that he make himself available at the village during anticipated time of arrival of the MMU. These numbers will be randomly picked up and will keep changing. It will be required that from the In-charge of Health camp/PHC/CHC/Village Health Society to send back an SMS as soon as he receives Mobile Medical Unit at the predefined site. **An application should be develop to locate the Medical Van on mobile phone.**

### 3. ELIGIBILITY CRITERIA

The bidder must possess the requisite experience, strength and capabilities in providing the material and services necessary to meet the requirements, as described in the tender documents. The bidder must also possess the technical know-how and the financial wherewithal that would be required to successfully provide the supply of **Ambulance Tracking System for Jharkhand Rural Health Mission Society (JRHMS), Ranchi**. The bids must be complete in all respect and should cover the entire scope of work as stipulated in the Tender document. The request for proposal is open to all bidders who qualify the eligibility criteria as given below:

S.No.	PRE-QUALIFICATION CRITERIA
1	The tender document fee is to be annexed in the form of DD
2	The Earnest Money Deposit (EMD) in the form of DD to be annexed
3	The Bidder must have valid VAT registration [The valid VAT registration certificate to be submit]
4	The bidder must have Service Tax Registration number [Service Tax Registration copy to be submit]
5	The Photocopy of PAN card to be submitted
6	Bidder must have executed at least one Project for 100 Vehicle Tracking System (VTS) or 2 Project of 75 VTS or 3 Project of 50 VTS anywhere in INDIA. [Copies of Work order of the Projects to be annexed]
7	The bidder must be in the business of VTS for last 3 years and have turnover of more than Rs Five lakhs during previous year (2011-12). [Copy of audited balance sheet for the year 2009-10, 2010-11, 2011-12 and a certificate by self that the company has been in business for last three years]
8	Device must be of proven quality meeting the specifications as per the tender. Bidder may be the owner of the brand of the GPS device being offered or should be authorized by the owner of the

	<p>brand of device being offered.</p> <p>[Name of the GPS device Brand being offered and necessary certificate by self in case of own brand or authorization letter from the owner of the brand certifying that the device meets the technical specifications as per tender]</p>
<b>9</b>	<b>Specification of GPS device as per page21</b>
<b>10</b>	<p>Bidder must have the necessary technical skill /manpower for Interfacing the software application of the customized GIS data as per the requirement and Interface the GPS data on GIS map of Jharkhand.</p> <p>[A self-certificate by the bidder that such skill is available with the bidder &amp; the bidder can demonstrate the same in case when asked for]</p>
<b>11</b>	A self certificate by company to be submitted that company has not been blacklisted in any state of India.

#### 4. IMPORTANT LIMITS AND VALUES RELATED TO BID

<b>S.N.</b>	<b>Item</b>	<b>Description</b>
<b>1.</b>	Bid Security (EMD)	<b>Rs. 50 Thousands</b> (Rupees Fifty thousand Only)
<b>2.</b>	Bid Validity Period	<b>90</b> days from the date of opening of bid.
<b>3.</b>	Bid Security Validity Period	<b>90</b> days from the date of opening of bid.
<b>4.</b>	Implementation Period	<b>180</b> days from the date of signing of contract.
<b>5.</b>	Warranty Period	<b>60</b> days from the date of submission of deliverables and final acceptance of completion of work.
<b>6.</b>	Implementation cum Performance Guarantee Value (in Rupees.)	<b>10%</b> of contract value
<b>7.</b>	Implementation cum Performance Guarantee validity period	<b>60</b> days from the date of submission of deliverables and final acceptance of completion of work. i.e. 180 day + 60 days +60 days= 300 days
<b>8.</b>	Period for submission of Implementation cum Performance Guarantee	Within <b>15</b> days of receipt of letter of notification of award.
<b>9.</b>	Period for signing contract	Within <b>15</b> days from the date of receipt of letter of notification of award.
<b>10.</b>	Penalty for delay in implementation	Please refer penalty clause.
<b>11.</b>	Address for correspondence of clarifications	Director Jharkhand Space Applications Center, Engineer's Hostel-I, Dhurwa ,Ranchi – 834004, Phone: 0651-2401719, Fax: 0651-2401720
<b>12</b>	Contract Period	5 Years, as per section 6.14

## 5. SCOPE OF WORK

### 5.1 Overall Scope:

**The scope of work will include but not limited to the following:**

Providing in vehicles with automatic vehicle locating device **with two way communication facility** and integrated with existing application software suitable for the JRHMS keeping in mind the requirements. The installation of the GPS device in mobile van situated in different districts in Jharkhand, GIS Digital Vector map of Jharkhand provided by JSAC for all **24 Districts of JHARKHAND** State indicating the location of Village Health Society/PHC/CHC/Schools/Panchayat Bhawan/Community Hall and other key locations shall be GEO coded with prominent icons. The GIS layers will be provided by JSAC. The map will have features like Zoom In, Zoom Out, panning, measure distances, show layers, symbols, linked database and display positions of the vehicles etc.

The Authority should be able to query and seek information on the position of any vehicle using SMS. On line plotting should be done on a digital map.

The scopes of work will mandatory includes the following;

- a) To be used as an aid to fleet management decision by the JRHMS; real time automated tracking of all vehicles in a phased manner, using web based vehicle tracking solution.
- b) Drawing out of finalizing the route chart of each MMU,
- c) Install and Operate of AVLS System.
- d) Employ suitable device based on GPS/GIS to track the movement of MMU on route chart.
- e) To device a system so that when MMU reaches at the destination it automatically trigger SMS to CS/CMO, DC of the respective Districts, and Control Room in the JRHMS & it would be beneficiary citizens/patients (when required) in perimeter of destination health camp/site.
- f) Operation, Maintenance and Facility Management of the System during the period of five years, further renewal is possible on yearly basis if services found satisfactorily.
- g) Generating Reports, Data and Analysis of the same for the JRHMS.
- h) Connectivity with control room of each and every geographical areas of Jharkhand.

## 5.2 The Maps

- (i) Should be supported on Web and Map Server with legal rights.
- (ii) Dynamic geo-fencing (Point, Line and Polygon)
- (iii) Should have facility of zoom in, zoom out and panning.
- (iv) Should have the facility to turn on/off of map layers.
- (v) Should ensure security and confidentiality of data captured.
- (vi) Should have the facility to create Dynamic Routes on the Map Engine by clicking on the Map.
- (vii) Should have the facility to calculate the distance on the map between two or more points.
- (viii) Map Engine should have an option for Full Screen viewing.
- (ix) All the moving GPS fitted vehicle should be shown as an icon in the geographical view at the website.
- (x) Should show different icons for vehicles on trip and not on trip.
- (xi) Possibility of uses with alternate vendor after contract period. All the device protocols after contract period to be transferred to next vendor.

Interfacing the software application of the customized GIS data as per the requirement. Interface the GPS data on GIS map of Jharkhand. Development of suitable interface for GPS with suitable technology like GSM/GPRS.

The system shall be designed in the manner an operational data is not lost in case of failure of equipment for communication network. This includes provision of suitable disaster recovery mechanism. The GPS unit fixed on the vehicle should withstand rough use and should be tamper proof.

## 5.3 ALERT SMS:

The unit should send Alert SMS in the following situation:

- a. When a trip starts initially from the source point–this SMS should go to Village Health Society/PHC/CHC and registered Sahiyas.
- b. When a trip ends at the destination point.
- c. When the GPS unit was tampered or cut off from the vehicle battery.

The Alert SMS should be sent to following mobiles:

- a. Control room at the respective CS's Office.



- b. Concerned District's Deputy Commissioner
- c. In-charge of Village Health Society/PHC/CHC/Health Camp.
- d. Centralized Control Room in the JRHMS's Office.

Operation and Maintenance of the tracking system is for a minimum period of **Five** years. The required network cables, installation, customization shall be done by the Service Provider. The frequency of tracking shall not exceed 1 minute in maintaining the level of accuracy. In the case of damage for the GPS units in the vehicles, the company will be responsible. The value of damage assessed by the Service Provider will have to be borne by the bidder; if it is proved that the damage was due to the mishandling of the NGO or his representative/vehicle driver.

The following parameters should be captured by the system:

- (i) Time of dispatch
- (ii) Time of reaching the destination.
- (iii) Deviation from the specified route.
- (iv) Travel history of vehicle (distance covered)
- (v) Trip Details.
- (vi) Stop details during the Trip
- (vii) Registration number of vehicle
- (viii) Vehicle number

Training the staff deployed in the control room and the District Offices, and also to staff involved in the Operation and Maintenance of the proposed system of hardware and software. Close co-ordination with the staff of JRHMS.

#### **5.4 The key objectives of the Solutions are**

- To enable the Office MD, JRHMS and one control rooms to be set-up in the Office of the **centralized Office of JRHMS** to monitor the movement of MMU on a real time basis.
- To monitor Route Deviations.
- To monitor excessive delays.
- Attach the GPS generated total Distance Traveled Report along with NGO bills on weekly basis.

## **5.5 DAILY REPORTS**

- Vehicle status report—current information, vehicle ID, location, time and speed of the vehicle.
- Route violations alert / report.
- Abnormal delay report (more than four hours)
- Tracing the missing vehicle
- History of vehicles tracing the route
- Distance chart.
- Trip Summary Report.
- In & Out Report
- Idle time Report.

## **5.6 WEEKLY REPORT**

Total distance travelled report.

## **5.7 MONTHLY REPORT**

- (i) Summary data monthly list of movement of vehicles, vehicle number wise, route wise, NGO wise.
- (ii) List of movement Site wise, vehicle number wise, route wise, NGO wise.

The Service Provider should have to provide all necessary reports at the end of each day and information of each vehicle will have to be stored in system for one month and after wards and such information is to be loaded into CD every month and handed over to Mission Director's Office, JRHMS.

## **5.8 The application helps the control rooms to get the following information**

- The location of the vehicle
- The distance between the vehicle and the Destination Village Health Society /PHC/CHC / HSC / Health Camp
- The route taken by the vehicle
- The stoppage details of the vehicles
- Excessive Stoppage Alerts
- Route deviation alerts

The data captured through this system shall be converted into reports and hosted in website for the purpose of access and generation of periodical reports by JRHMS. The software features should have multi level login with authentication, emergency alert, display vehicle position on the digitalized map with designated routes etc. The

fleet management monitor database for vehicle should contain vehicle registration number, Engine number, Chassis number, model, distance covered, number of days worked, route violation etc.

**5.9 The equipments should be weather, water and vibration proof**

The Service Provider should consider the GSM/GPRS service providers network availability and make suitable arrangements.

**5.10 MONITORING**

The agency should ensure that any change in map/GIS data will not hamper the Existing software functionality. The staff of the agency responsible for operational maintenance will have to be present in the control room to assist the government staff. The performance will be reviewed on monthly basis. The Service Provider should setup the monitoring cell at the Head Office of JRHMS. The Service Provider shall provide necessary backup services with the technician, service engineers, etc to ensure smooth operation of the system.

## **6. INSTRUCTIONS TO BIDDERS**

### **6.1 TENDER FOR PROPOSAL**

The applicant there in after referred to as the "SERVICE PROVIDER is expected to examine all instructions, forms, terms and specifications contained in this document. The proposal should be precise, complete and in the prescribed format as per the requirements of this Tender document. Failure to furnish all information required by this tender document or submission of applications not responsive to this tender document in every respect will be at the applicants risk and will be rejected.

### **6.2 CONTENT OF TENDER DOCUMENT**

This document has to be read in its entirety. The terms and conditions for the tender encompasses all the terms and conditions mentioned in this document. However Director, JSAC reserves the right to alter any of the above mentioned dates at a short notice. The same will be intimated to all the concerned parties.

### **6.3 EARNEST MONEY DEPOSIT AMOUNT**

The Tender shall contain Earnest Money Deposit (EMD) of Rs.50,000/- (Rupees Fifty Thousand) in the form of Demand Draft of any Nationalized or any other scheduled bank drawn in favour of Director, Jharkhand Space Applications Center, payable at Ranchi, Jharkhand.

### **6.4 THE SUBMISSION OF PROPOSALS**

The Bidders are required to submit their proposal in two separate envelops of Technical bid and commercial bid bearing **Tender No. & Date** placed inside another main envelope bearing the identification. The Part I will be "Technical Bid" and Part-II will be the "Commercial Bid".

The cover should be **sealed separately** and shall be put in an outer **sealed envelope**. The outer sealed cover should be marked as "Tender for GPS&GPRS based Ambulance Tracking System under JRHMS" and Tender number and addressed to the Director, JSAC Tenders once submitted shall be final and no amendment shall be permitted. Service Providers are solely responsible for timely delivery of the proposals to the location set forth herein.

The financial proposal shall be opened only if the bidder is found technically eligible

and fulfils all pre qualification criteria. The statutory duties/taxes shall be added in the bid amount. Right to accept or reject the Proposal is reserved with the Director, JSAC, without assigning any reason and without any liability.

## **6.5 Technical Evaluation**

The committee consists of

- Director, JSAC
- Deputy Secretary, Department of Information Technology
- Nodal Officer, JRHMS
- Nodal Officer, JSAC
- Finance Officer, JSAC

will do the Technical Evaluation of the tender. The decision of the committee will be final.

## **6.6 LANGUAGE OF TENDERS**

All proposal and supporting documentation shall be submitted in English.

## **6.7 FORMAT AND SIGNING OF TENDER**

This tender document in original or downloaded should be properly bound along with all enclosures as mentioned in pre qualification criteria. The enclosures may be typed or printed clearly or good quality photo copies of the original. An accompanying letter is required, signed by an authorized signatory of the tender. Each tender shall be made in the legal name of the Service Provider and shall be signed by Service Provider or a person duly authorized to sign on behalf of the Service Provider. **The Service Provider must stamp and initial on all pages of this document and also the enclosures.**

## **6.8 LATE TENDERS**

Any tender received after the deadline for submission of tenders, will be rejected.

## **6.9 PERIOD OF TENDER VALIDITY**

The tenders shall be valid for a minimum period of 03(Three) months from the closing date for submission of the tenders. On completion of the validity period, unless the Service Provider with draws his tender in writing, it will be deemed to be valid until such time that the Service Provider formally (in writing) withdraws his tender.

#### **6.10 EVALUATION OF TECHNICAL TENDERS**

Evaluation will be based on pre qualification criteria and shall qualify the tender for further processing. Any Service Provider not meeting any one or more of the pre qualification criteria will be rejected immediately.

#### **6.11 FINANCIAL TENDERS FROM TECHNICALLY SHORT LISTED VENDORS**

The financial tenders of the technically short listed Service Provider's only shall be opened in presence or their representatives on the specified date and time at the premises of the Jharkhand Space Applications Center, Ranchi. A Committee is formed for the evaluation, scrutiny and recommendation of the tender for award.

#### **6.12 PRICE QUOTATION**

Any deviations from the format provided shall be treated as invalid. The Service Provider must quote the GPS Devices in 103 MMU, GPRS Module, Software for Vehicle Tracking, Map data & its customization and establishment of control room.

**The prices shall be inclusive of all taxes.**

#### **6.13 RECURRING EXPENSES**

The Service Provider has to quote per device including the cost of maintaining the server, cost of SIM along with the yearly charges to be paid to the ISP and all the other services mentioned in this tender. The Service Provider is to ensure suitable ISP so that the entire area of operation is available for GPRS based communication.

#### **6.14 CONTRACT PERIOD**

The Service provider should facilitate all items mentioned in scope of work. It also includes establishment, maintenance and deliver the objectives. The contract period shall be valid to 5 years from the date of going live.

#### **6.15 ORDER PLACEMENT**

Order shall be placed on the finally selected Service Provider.

#### **6.16 DELAYS IN SERVICE**

The bidder has to start the setup along with complete equipment within 30 days from the date LOI or 15 days from the Date of entering into contract agreement. In case the bidder fails to start the work within this period, then the JSAC shall be entitled in his opinion to levy the penalty at his discretion not exceeding Rs.500/- per day or part thereof.

If the bidder fails to complete the entire data entry work within a period of six months from the date of starting the work, for every day of the delay in installing, testing and commissioning of device. The JSAC at its discretion will levy a penalty of Rs.500/- per day or part thereof.

#### **6.17 MAINTENANCE CALLS**

Support and maintenance calls should be attended to within the 24 hours. A weekly report of the same needs to be submitted to the designated Officer JRHMS and JSAC Ranchi, on first working day of the week.

## **7. GENERAL CONDITION OF CONTRACT**

### **1. Confidentiality**

The SP must maintain absolute confidentiality of the documents/data received and any other data/information provided to him for the execution of the work. The bidder should not use the Project data for any purpose other than data entry. The SP must remove/destroy the entire data from his custody after completion of the warranty period (Warranty Period is defined as the period specified in the General Conditions of Contract or Special Conditions of Contract. Following Acceptance of the deliverables during which the SP's warranty obligations in respect of the delivered materials are in force. During the warranty period the SP has to keep all the deliverables in safe custody). If at any stage it is found that the bidder is using the data for any other purposes, stringent legal action will be initiated as per applicable law and the contract will be terminated without assigning any reasons.

### **2. Use of Documents and Information**

- The vendor shall not, without prior written consent from JRHMS/JSAC, disclose/share/use the bid document, contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the JRHMS/JSAC in connection therewith, to any person other than a person employed by the vendor in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
- The Vendor shall not, without prior written consent of JRHMS/JSAC, make use of any document or information made available for the project, except for purposes of performing the Contract.
- All project related documents (including this bid document) including Filled Questionnaires, Maps, etc. other than the contract itself, shall remain the property of the JRHMS/JSAC and shall be returned (in all copies) to the JRHMS/JSAC on completion of the Vendor's performance under the contract.

### **3. SCHEDULE OF PAYMENT**

The schedule of payment is as follow:

- (i) Establishing and Commissioning of GPS and related systems( **Amount will be sum for the activities mentioned in serial number 1,2 and 3 in price bid table**)



- (a) 50% release of payment after installation of GPS, certified by head of the Health Center.
  - (b) 30% release of payment on the report of JRHMS after commissioning of the tracking system for all the vehicles based on satisfactory services in generation of output as mentioned.
  - (c) 20% on Completion of the Project and acceptance by JRHMS.
- (ii) Annual Maintenance Cost and Operational Cost Yearly ( Amount will be as mentioned in serial number 4 in price bid table)**

#### **4. Performance Guarantee**

The performance guarantee should be furnished for an amount of 10% of the contract value, valid up-to 300 days, in the format specified in Performance Security Form (Annexure D) provided in the tender document or in other format acceptable to the JSAC. Such performance guarantee will be required to be given in the name of the JSAC, Dept. of IT, Govt. of Jharkhand.

The proceeds of the performance guarantees shall be payable to the JSAC as compensation for any loss / penalties / liquidated damages resulting from the SP's failure to complete its obligations under the contract.

#### **5. Taxes and Duties**

The SP shall be entirely responsible for all taxes, duties, license fees, and other such levies.

#### **6. Applicable law**

The contract shall be interpreted in accordance with appropriate Indian laws.

#### **7. No interest for performance Guarantee**

No interest shall be paid on the earnest money, security deposit and the amount retained against performance guarantee.

#### **8. Notices**

Any notice given by one party to the other pursuant to this contract shall be sent to the other party in writing or by telex, email, cable or facsimile and confirmed in writing to the other party's last known address. A notice shall be effective when delivered or tendered to other party whichever is earlier.

## **9. ARBITERATION**

JSAC and the Service Provider shall make every effort to resolve amicably by direct negotiation any disagreement or dispute or misunderstanding arising between them in connection with the service rendered and payments. If any dispute arise on aspects not covered by this tender document or purchase order, or the construction or operation thereof, or the rights, duties or liabilities under these except as to any matters the decision of which is specially provided by the general or the special conditions, such dispute shall be referred to one arbitrator, one to be appointed by JSAC. Such arbitration shall be governed in all respects by the provision of the Indian Arbitration Act or its later modifications and the rules there under and any statutory modification or re-enactment thereof. The arbitration proceedings shall be held at Ranchi, Jharkhand.

## **10. Legal Jurisdiction**

All legal disputes are subject to the jurisdiction of Ranchi courts only.

## **8. SPECIAL CONDITIONS OF CONTRACT (SCC)**

- i. As explained in the Scope of the Work.
- ii. GPS mounted MMU and its real time movement will be monitored by the Civil Surgeon's/CMOs of each district, Dept. of Health and Family Welfare, Govt. of Jharkhand.
- iii. The SP will need to enable the centralized office of JRHMS to monitor the movement of MMU on a real time basis.

### **1. Roles of various parties to the contract**

Following is the summary of the roles of SP, JSAC and JRHMS, Dept. of Health and Family Welfare, Govt. of Jharkhand in the operation of this contract.

#### **Role of the SP**

- Entering into agreement with the department and submitting the performance guarantee.
- As specified in the Scope of Work.
- To implement the project with his own men and material. Subcontracting is not allowed.
- Quality maintenance.
- Handling over the deliverables and obtaining necessary certification and accountability for the same.
- Reporting progress of the work monthly.

#### **Role of the JSAC**

- Project Implementation and Coordination
- Entering into an agreement with SP and accepting the performance guarantee.

#### **Role of JRHMS, Dept. of Health and Family Welfare, Govt. of Jharkhand**

- Nominating a Nodal Officer for project to coordinate with the SP and the JSAC.
- Providing Support to execute this project in terms of liasioning with various Govt. Health Facilities.
- Ownership of the Final Database

#### **Project Management and Monitoring Committee, vide Letter No. 9/RCH-454/2010-57 dated on 19.5.2012**

- Principal Secretary, DoHFW.
- Principal Secretary or his nominated officer Department of Social Welfare.

- Secretary or his nominated officer, DoIT.
- Director, Jharkhand Space Applications Center.
- Director, JRHMS.
- Director, RIMS or his representative.
- Director in Chief, DoHFW.
- State Programme Manager, JRHMS.
- Nodal Officer, JRHMS.
- Nodal Officer, Jharkhand Space Applications Center.
- State Representative, UNICEF.
- Regional Team Leader, WHO.

## **2. Penalty**

The bidder has to start the setup along with complete equipment within 30 days from the date LOI or 15 days from the Date of entering into contract agreement. In case the bidder fails to start the work within this period, then the JSAC shall be entitled in his opinion to levy the penalty at his discretion not exceeding Rs.500/- per day or part thereof.

If the bidder fails to complete the entire data entry work within a period of six months from the date of starting the work, for every day of the delay in delivery of the deliverables (i.e. data entry) then, the JSAC at its discretion will levy a penalty of Rs.500/- per day or part thereof.

## **4. Payment Authority**

The JSAC will make the payment as per payment terms and conditions.

## **5. Insurance to men, machine and material**

The SP has to insure against all risks on his men, machine and material and provide the evidence before commencing the work to the client.

## 9. SPECIFICATIONS OF GPS DEVICE

S.No	Specifications	Compliance
	<b>General features :</b>	
1.	(i) GPS(Location, speed, heading, timestamp) data polling and sending frequency capability of less than or equal to 60 sec	
	(ii) Location on demand on GPRS/SMS.	
	(iii) Memory to store min 15000 positional log.	
	(iv) Configurable Backup SMS facility in case of GPRS failure.	
2.	<b>GPS Specs</b>	
	(i) Parallel GPS Receiver -20-Channel or more	
	(ii) Acquisition sensitivity : better than (-)157dBm	
	(iii) Tracking Sensitivity better than (-)157 dBm	
	(iv) Less than 10m Positional Accuracy,( 2dRMS confidence level higher than 95%) or 3m CEP	
	(v) Hot Start < 10s	
	(vi) Warm Start : < 40s	
	(vii) Cold Start <60 s	
	(viii) WGS-84 compliant	
3.	<b>GPRS Communication</b>	
	(i) In- Built Triband GPRS module/Modem	
	(ii) Multi Slot GPRS	
4.	<b>Power</b>	
	(i) Input voltage range 8-32 Volts	
	(ii) Active mode Peak < 1.5 A	
	(iii) Active mode Avg < 300mA	
	(iv) Sleep Mode < 25 mA	
5.	<b>Internal Battery backup</b>	
	(i) 2 hrs or more in active mode including LCD display	
6.	<b>Operational Environment Variables</b>	
	(i) Temperature range ; -10° C to 70 °C	
	(ii) Humidity Level: 5% to 95% non-condensing	
7.	<b>Antennas</b>	
	(i) Should have external GPRS antenna	
	(ii) Should have external GPS antenna	
8.	<b>Ports</b>	
	(i) 2 or more digital Inputs	
	(ii) 1 or more digital outputs	
	(iii) 1 or more analog inputs	
9.	<b>Additional Features</b>	
	(i) Status LED's to indicate Power, GPS and GPRS status.	
	(ii) Over the air configuration of parameters.	
	(iii) Remote administration & firmware update over the air.	
	(iv) SOS button	

**FORM 1**

**GENERAL INFORMATION AND EMD DETAILS**

1	EMD /Bank Guarantee Details  DD No and date:  Amount in Rs.  Name of the Bank	
2	Name and Address of the Company	
3	Category of the Bidder (Whether company, partnership firm or Proprietary concern)( In case of Consortium details as above for both parties as above and identifying the Lead Bidder)	
4	Year of Establishment	
5	Name and Address of the Banker	
6	Name of Chief Executive Officer  and Telephone No	
7	Name & Designation of the Contact Person	
8	Telephones	
9	Fax:	
10	E-mail	
11	Mobile No	
12	List of 3 major Clients and the size  of orders executed	

Note: Separate sheets may be attached wherever necessary.

**Signature of the Bidder  
With stamp and date**

## **FORM 2**

### **CHECK LIST**

S No.	Requirement	Compliance
<b>1</b>	Tender Document fee	Yes / No
<b>2</b>	The Earnest Money Deposit (EMD) in the form of DD	Yes /No
<b>3</b>	The Bidder must have valid VAT registration	Yes /No
<b>4</b>	Service Tax Registration Number	Yes /No
<b>5</b>	Permanent Account Number (PAN Number)	Yes / No
<b>6</b>	Bidder must have executed at least one Project for 100 Vehicle Tracking System (VTS) or 2 Project of 75 VTS or 3 Project of 50 VTS anywhere in INDIA.	Yes /No
<b>7</b>	The bidder must be in the business of VTS for last 3 years and have turnover of more than Rs Five lakhs during previous year (2012-13).	Yes /No
<b>8</b>	Device must be of proven quality meeting the specifications as per the tender. Bidder may be the owner of the brand of the GPS device being offered or should be authorized by the owner of the brand of device being offered.	Yes / No
<b>9</b>	Specification of GPS device as per page21	Yes / No
<b>10</b>	Bidder must have the necessary technical skill /manpower for Interfacing the software application of the customized GIS data as per the requirement and Interface the GPS data on GIS map of Jharkhand.	Yes / No
<b>11</b>	A self certificate by company that company has not been blacklisted in any state of India	Yes / No

**FORM 3**  
**PRICE BID**

**Mandatory - Rate should be inclusive of all applicable taxes, 5 years from commissioning of the project, otherwise it may be rejected.**

S.No.	Item	Quantity	Rate (Rs/item)	Cost (Rs)
1.	GPS Devices in each of the Ambulance with warranty and AMC up to 5 years			
2.	Cost of SIM including GPRS for 5 years			
3.	Web Based Software for Ambulance Tracking with AMC (including license of Google map/Bing map/yahoo map or any other service provider for 5 years)	NA		
4.	Establishments & maintenance of Control Room along with support staff, Landline connectivity the centralised office of JRHMS for 5 years. (Items can be seen in Annexure1*)	NA		
	Grand Total			

\* Annexure1

S.No	Items	Quantity
1	LG 42LS4600 LED 42 INCHES FULL HD TV	1
2	HP COMPAQ PRO 6300 MICROTOWER PC (PRODUCT ID C6Z98UT)	1
3	UPS 1 KVA (Make-Microteck)	1
4	HP LASERJET P1606dn	1
5	GODREJ GENERAL PURPOSE CHAIR (MODEL PCH-7001D)	2
6	GODREJ OFFICE DESK (MODEL S1070/71)	1



**ANNEXURE A**  
**TENDER OFFER FORM (TOF)**

Date: \_\_\_\_\_2013

Tender Reference No.: \_\_\_\_\_

To:  
Director,  
Jharkhand Space Applications Center  
Department of IT, Govt. of Jharkhand  
Engineer's Hostel-II, Dhurwa  
Ranchi-834004.

Dear Sir,

Having examined the tender documents including all Annexure, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to provide facility management services in conformity with the said tender documents.

We undertake, if our tender offer is accepted, to commence the services within 30 days calculated from the date of receipt of your Notification of Award / Letter of Intent.

If our tender offer is accepted we will obtain the guarantee of a bank for a sum of 10% of the Contract Price for the due performance of the Contract.

We agree to abide by this tender offer for 90 days and the same shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal contract is prepared and executed, this tender offer, together with your written acceptance thereof and your notification of award, shall constitute a binding contract between us.

We understand that you are not bound to accept the lowest or any offer you may receive.

Dated this \_\_\_\_ day of \_\_\_\_\_2013

Signature: \_\_\_\_\_(In the Capacity of)  
\_\_\_\_\_ Duly authorized to sign the tender offer for and on  
behalf of

## **ANNEXURE B**

### ***Bidder's Details***

Details filled in this form must be accompanied by sufficient documentary evidence, in order to verify the correctness of the information.

	<b>Item</b>	<b>Details</b>
<b>1</b>	Name of the Company/Agency/ Organization	
<b>2</b>	Mailing Address	
<b>3</b>	Telephone	
<b>4</b>	Fax	
<b>5</b>	Turnover of the company.....	
<b>6</b>	Profit of the company .....	

## ANNEXURE C

### CONTRACT FORM (CF)

AGGEMENT MADE this \_\_\_\_\_ day of \_\_\_\_\_ Two thousand Thirteen between \_\_\_\_\_ (hereinafter called "the Service Provider" of the one part and the Jharkhand Space Applications Center (hereinafter called JSAC) of the other part.

WHEREAS the Service Provider has tendered to the JSAC for **GPS & GPRS based Ambulance Tracking System under Jharkhand Rural Health Mission Society (JRHMS)** as per the instructions given in the acceptance of tender at the respective prices or rate mentioned opposite to the said articles in the column provided for the purpose and whereas such tender has been accepted and the contractor has deposited with the Government the sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) as security for the fulfillment of this Agreement.

NOW IT IS HEREBY AGREED between the parties hereto as follows:

1. The contractor has accepted the contract on the terms and conditions set out in section under the heading "Conditions of Contract" and other such conditions forming part of the tender notice no. \_\_\_\_\_ dated \_\_\_\_\_ which will hold well during period of this agreement. The following shall be the additional documents that will also form part of this contract:
  - i) The Instructions to Bidders included in the Tender Document as above.
  - ii) The Bid submitted by the Contractor.
2. Upon breach by the contractor of any of the conditions of the agreement, the Government may issue a notice in writing, determine and put an end to this agreement without prejudice to the right of the Government to claim damages for antecedent breaches thereof on the part of the Service Provider and also to reasonable compensation for the loss occasioned by the failure of the contractor to fulfill the agreement as certified in writing by the JSAC which certificate shall be conclusive evidence of the amount of such compensation payable by the contractor to the Government.
3. The Service Provider has placed with a Performance Security Deposit for Rs ----- as security for compliance with the Service Provider's performance obligations in accordance with the Contract. Upon the determination of this agreement whether by defluxion of time or otherwise, the Performance Security Deposit shall after the expiration of \_\_\_\_\_ months from the date of such

determination be returned to the Service Provider but without interest and after deducting there from any sum due by the Service Provider to the Government under the terms and conditions of this agreement.

4. This agreement shall remain in force until 3 months after the expiry of the contract period.
5. Notwithstanding anything contained herein or in the tender and acceptance forms contained, the Government shall not be bound to take the whole or any part of the estimated quantity herein or therein mentioned and may cancel the contract at any time upon giving one months notice in writing without compensating the Service Provider.
6. In consideration of the payments to be made by the JSAC to the Service Provider as hereinafter mentioned, the Service Provider hereby covenants with the GPS Devices in 103 MMU, GPRS Module, Software for Vehicle Tracking, Map data & its customization and establishment of control room in JRHMS all respects with the provisions of the Contract.
7. Notices in connection with the contract may be given by any officer of the Government authorized by the Government.
8. In witness whereof the said \_\_\_\_\_ has set his hand hereto and  
Director, JSAC or his authorized representative has on behalf of the Government of Jharkhand affixed his hand and seal thereto the day and year first above written.

Ranchi

Contractor

JSAC

Witness

Witness

**ANNEXURE D**

**PERFORMANCE SECURITY FORM (PSF)**

To:

Director,

Jharkhand Space Applications Center

Department of IT, Govt. of Jharkhand

Engineer's Hostel-II, Dhurwa

Ranchi-834004.

WHEREAS \_\_\_\_\_ (Name of Service Provider) hereinafter called "the Service Provider" has undertaken, purchase of Contract No. \_\_\_\_\_ dated, \_\_\_\_\_ 2013 to supply \_\_\_\_\_ (Description of goods and Services) hereinafter called "the Contract". AND WHEREAS it has been stipulated by you in the said Contract that the Service Provider shall furnish you with a bank Guarantee by a recognized bank for the sum specified therein as security for compliance with the Service Provider's performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Service Provider a guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Service Provider, up to a total of \_\_\_\_\_ (Amount of the guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the Service Provider to be in default under the contract and without cavil or argument, any sum or sums within the limit of \_\_\_\_\_ as aforesaid, without your needing to prove or to show this grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the \_\_\_\_\_ 2013

Signature and Seal of Guarantors

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date \_\_\_\_\_

Address: \_\_\_\_\_

1. Upon breach by the contractor of any of the conditions of the agreement, the Government may issue a notice in writing, determine and put an end to this agreement without prejudice to the right of the Government to claim damages for antecedent breaches thereof on the part of the SP and also to reasonable compensation for the loss occasioned by the failure of the contractor to fulfill the agreement as certified in writing by the Government which certificate shall be conclusive evidence of the amount of such compensation payable by the contractor to the Government.
2. The SP has placed with a Performance Security Deposit for Rs ----- as security for compliance with the SP's performance obligations in accordance with the Contract. Upon the determination of this agreement whether by efflux ion of time or otherwise, the Performance Security Deposit shall after the expiration of \_\_\_\_\_ months from the date of such determination be returned to the SP but without interest and after deducting there from any sum due by the SP to the Government under the terms and conditions of this agreement.
3. This agreement shall remain in force until 3 months after the expiry of the contract period.
4. Notwithstanding anything contained herein or in the tender and acceptance forms contained, the Government shall not be bound to take the whole or any part of the estimated quantity herein or therein mentioned and may cancel the contract at any time upon giving one months notice in writing without compensating the SP.
5. In consideration of the payments to be made by the JSAC to the SP as hereinafter mentioned the SP hereby covenants with the JSAC to provide services for Data Entry/ Scanning and to remedy defects therein conformity in all respects with the provisions of the Contract.
6. The JSAC hereby covenants to pay the SP in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.
7. Notices in connection with the contract may be given by any Officer of the Government authorized by the Government.
8. In witness whereof the said \_\_\_\_\_ has set his hand hereto and Director, JSAC or his authorized representative has on behalf of the Government of Jharkhand affixed his hand and seal thereto the day and year first above written.

Ranchi

Witness: CONTRACTOR

1. For JSAC

## **ANNEXURE E**

### **Litigation History**

We certify that there is no litigation history against the Company. If it is found in future, the contract will be terminated.

**Place:**

**Bidder's signature**

**Date:**

**and seal.**

## **ANNEXURE G**

**ABBREVIATION:**

AVTS	:	Automatic Vehicle Tracking System
CS	:	Chief Surgeon
DoIT	:	Department of Information Technology
DoHFW	:	Department of Health and Family Welfare
EMD	:	Earnest Money Deposit
GCC	:	General Conditions of Contract
JSAC	:	Jharkhand Space Applications Center
JRHMS	:	Jharkhand Rural Health Mission Society
MMU	:	Mobile Medical Unit
SCC	:	Special Conditions of Contract
SLA	:	Service Level Agreement
SP	:	Service Provider
VTS	:	Vehicle Tracking System