

DISTRICT ADMINISTRATION JABALPUR

JABALPUR CITY TRANSPORT SERVICES LTD

Pre-bid Meeting for GPS based Online Vehicle Tracking System held on 19.03.09:-

Attended By :-

Name	Designation	Organisation
Mr.Hariranjana Rao	Exe.Dir/Collector	Jabalpur(M.P.)
Mr.Navneet Mohan Kothari	Dir/Commissioner NN	Jabalpur(M.P.)
Mr.O.P. Shrivastava	Dir/ADM	Jabalpur(M.P.)
Mr.Shivendra Singh	Dir/CEO JDA	Jabalpur(M.P.)
Mr.G.M.Pathak	Dir/ RTO	Jabalpur(M.P.)
Mr Korath V Mathew	ICT/EGovernance Advisor	MPUSP
Mr.Hemant Singh	CEO, JCTSL	Jabalpur(M.P.)
Ms. Priyanka Chopra	Office Manager , JCTSL	Jabalpur(M.P.)
Representatives		
Mr.Vishu Pandit	Representative	Speck Systems Ltd,Hyderabad.
Mr.Syed Munawar Hussain	Representative	Bharti Airtel Limited,Bhopal.
Mr.Mohit Tiwari	Representative	Mpower Ltd,Bhopal.
Mr.Ajay Kaul	Representative	Tata Consultancy,Pune.
Mr. Nelesh Dubey	Representative	Rolla India Ltd.,Mumbai.
Mr. Milind Nerkar	Representative	I Fleet Solution,Mumbai
Mr. Rashpal Singh	Representative	Siemens Inf.Sys.Ltd.,Delhi.
Mr.Gaurav Chandel	Representative	Tata Tele Services,Bhopal.

S.No.	Point	Query	Clarification
1	Postponement of dates	General Clarification	The last date of document collection – 20 May 09 , 3 PM Last date of submission of Bids – 21 May 09 , 3 PM Date of opening Technical proposal - 21 May 09 , 5 PM Date of opening Financial Proposal – To be notified.
2	Change in scope of work	General Clarification	JCTSL will be implementing OL VTS for Buses only. JCTSL will purchase an initial number of 110 Units. However, JCTSL reserves the right to increase the quantity by 25% at the same quoted rate
3	JCTSL planned to operate maximum city buses and presently are operating 37 buses however the company is shortly planning to increase number of buses to 69 city buses and introduce 50 metro taxies in Jabalpur city.	What will be the initial no. of units that JCTSL will purchase ?	-Do-
4	Inception and Proof of concept (piloting) Phase. This phase is expected to take 14 weeks and cover the following tasks.	Is 14 weeks hard deadline or can it be reduced as per parallel implementation?	Can be done in less time. 14 weeks is the maximum allotted time.
5	Preparation and optimization of all Route Plans	Is this in the scope of the vendor?	Yes

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6	Web enabled Map based locating of positions of vehicles with customized layer of JABALPUR locations for Bus Stand and disposal and City Taxis and other key locations related to the other services.	Is the solution supposed to be hosted on dedicated servers at ICTSL or can we use our own web based solution?	The solution will be a SAAS (Software as a service) meeting the specifications in the Terms of Reference
7	Facility for management in offline mode of vehicle. When the driver returns, the memory card can be removed from the vehicle and inserted into the computer in the office. Management can check whether the required stops have been made. This ensures that the driver picks up the passenger from every stop.	Is this mandatory, as most units in India have the functionality of storing way point information when not in coverage area and send. The whole purpose of automating the Tracking system will be lost if the system would require a offline mode and actual physical and manual process of removing the memory card and placing in control room leading to wastage in time resources and subject to tampering. We suggest using the system of storing way points.	Yes, it is mandatory
8	Enabling appraisal of driver's performance in terms of punctuality, Fuel pilferage, safety and adherence to predetermined timing and stoppage.	How does ICTSL intend to monitor fuel pilferage?	The vehicle unit of OLVTs should have ports for connecting to fuel gauge of the vehicle and features for identifying fuel pilferage if any. (Refer para 5 page 28)

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9	The System should interface with the Complaint management system (including but not limited to complaints from IVRS of citizen's portal)	What is the complaint management system being used ? What type of integration is expected? This is a very important point with technical and commercial implications, kindly elaborate.	IVRS will be used by citizens to get information of Buses being displayed on Passenger Information System through phone. CMS should have facility on its website to register a complaint. A two tier complaint redressal and monitoring system will manage the complaints registered.
10	Proposed solution must be capable of running on all Operating System platforms, namely, RISC/EPIC HP-UX, IBM-AIX, Windows and Sun Solaris platforms and support all reputed RDBMS namely, DB2, Oracle, MS SQL, Postgres, Ingress etc.	The proposed solution cannot be totally operating system and RDBMS independent. Our solution works on Windows platform with MSSQL. If client requires a different OS it should be specified in Tender, no application can work for all OS and RDBMS.	The RDBMS should be able to back up data in comma separated text / values which will then be transferred to other RDBMS
11	Should have Digital Map of JABALPUR with scale of 1:10000	Please specify the area of interest in sq. kms	Pan INDIA Coverage and updated periodically.
12	Backup Data should be available for a minimum period of 120 days.	Earlier backup data of 6 months is asked. What should be taken as final ?	Minimum period of 120 days
13	Fuel status in each vehicle.	Is fuel sensor mandatory requirement?	Fuel sensor is optional however the vehicle unit of OLVTS should have ports for connecting to fuel gauge of the vehicle which will report the percentage of fuel in the tank in real time and the software application should have features for identifying fuel pilferage if any. (Refer para 5 Page 28)

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14	IP67/ IP 66 compliant	What is the final requirement? There is a major difference between IP 66 and IP 67. IP X6 or X 7 is normally used in a situation where marine is involved. What is the need for using such a certification for this system. We suggest using MIL std certification as per MIL 810 F which is for humidity, shock dust and temperature.	The vehicle unit should be IP 66 compliant.
15	11. Payment Schedule All payments shall be made on a monthly basis, subject to successful completion of all project milestones and receipt of signed installation reports for each and every item of equipment as defined and agreed in the inception Report and Work Plan approved by JCTSL for each respective month. The post implementation AMC and operational charges shall be paid in twelve equal installments, payable at the end of each quarter.	Kindly elaborate in reference to the Section 5.	Mile stones are elaborated in Para 8 of page 31, payment shall be made based on successful completion of mile stones.
16	Bid Security	Can the Bid security be submitted in the form of BG ?	No.
17		Please specify the warranty period.	3 years
18	Migration to web based passenger information system including IVRS etc.	Please provide the details of all the existing system (S) which are available with the JCTSL	No information system is available with the JCTSL

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19	Survey of all existing and proposed bus stand points.	Please specify what are the attributes to be surveyed for these points. Also provide the no of Bus Station.	No. of bus station are approximately 200.
20	Training of JCTSL Staff.	No of trainees and duration of training are not mentioned. Please specify.	Basic training to all drivers and complete training along with handholding to 20 users who will have privilege to login with user id and password.
21	Resolving all technical problems.	The clause talks about creation of additional MIS reports..... Please provide number of additional reports that may be required to create.	Refer para 5 p.n. 28
22	Web Enabled map based.....	Please elaborate this requirement in detail.	The solution is to be provided as Software as a service(SAAS)
23	To enhance the efficiency of the in Fleet Management the OL VTS will also use a VTS for all public utility vehicles of JABALPUR.	Is VTS already available? If so, can we get details of same?	There are no VTS in use at JCTSL at present.
24	Implementation of pilot covering selected 25 vehicles... etc.	Kindly specify detailed requirements for the pilot implementation.	Refer para 4 at page 26
25	Deviation from a predefined route beyond 50 meters should be alerted	Client will need to provide all the route maps. In case of adverse condition (traffic congestion, road repairs) is the same rule applicable?	The rule is applicable in all cases. The client will indicate the routes to be surveyed.
26		What kind of documentary proofs you require to ascertain that OFEM is participating in Tender?	Refer para 21 page 6

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27		Page 29 : vehicle break down sensors ? what kind of breakdown to be captured ?	No separate sensor is required for vehicle break down. However, power cut off to the vehicle unit should be reported and may be deemed as break down.
28		If the lead partner is a one year old company will you allow it to participate.	As defined in para 10 in page 5
29		Page 27 : Route planning	Required
30		Rational of Rs. 10 Core turnover. Consider reduction.	No dilution in the qualification criteria.
31		Bid security: Exemption in case if authorized distributor of (OEM having NSIC)	No exemption.
32		For exact KM of bus traveled are we depending upon GPS based distance or Bus Speedometer sensor will be fitted.	Exact distance traveled by bus traveled should be measured and reported in real time using GPS.
34		For OL VTS is stated to be implemented for City Buses and Metro Taxis.	Will be implemented on Buses only.
38		Do these 110 buses have any categorization like long route buses and short route buses and would require separate configurations.	No
39		We assume that for Taxis it will be just a Tracking system with no route management and P.I.S. please confirm	Taxis have been eliminated form the scope of work.

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40		Will same vehicle sensors like speed & fuel sensors be implemented in Taxis too.	Taxis have been eliminated from the scope of work.
41		Will this GPS unit be used for Taxi metering too with meter running based on GPS distance.	Taxis have been eliminated from the scope of work.
42		Maps to be Google or Map server based with local maps for Jabalpur?	The map should be 1:10000 & updated periodically
43		Should technical proposal include complaint Management System?	Yes
44		Java based solutions can run on any OS, but making application RDBMS independent would not let the application use the complete power of an RDBMS. Oracle is the No. 1 RDBMS and best suited for such real time information system.	The application solution should be capable of backing up data in commas Separated text.
45		Section 4 mentions data back of 6 months and section 5 for 120 days – are we talking of back-up in separate stored, which can be downloaded in on line application on specific request? And how many days tracking data required to be kept on – line.	120 days
46		Please specify the definition of multiple log in? Is it that the same id. Can log from different machine or different user to log in.	20 users should be able to access ID & Password

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47		Is the OEM certification mandatory?	Yes
48		What activities are required at control center?	All function as mentioned para 5 page 28
49		What post sales support expected?	Refer annexure C page 24
50	Eligibility criteria paragraph 10 serial number 1 in page 5	GPS based Online Vehicle Tracking System is basically a system driven by software –and software activity and accreditation is covered under SEI CMM Certification. Therefore the ISO 9001 requirements may be expanded to add” SEI CMM Compliant”	For “Consultant, or any one of the consortium partners should be ISO 9001:2000 / ISO 14001 certified in the field of ICT systems integration” Read “Consultant, or any one of the consortium partners should be ISO 9001:2000 / ISO 14001/ SEI CMM level 4 certified in the field of ICT systems integration”


19/03/09

CEO

JCTSL, Jabalpur