

GIS/GPS BASED AUTOMATIC VEHICLE TRACKING SYSTEM (AVTS) INCLUDING AUTOMATIC CALL DISTRIBUTION (ACD)

Pre-bid meeting held on 16.11.2009

The meeting was attended by the following members of Tender Committee with the prospective bidders:

1. Mr. M.K. Tiwari, IGP, MD, PPHC
2. Mr. Amit Prasad, AIG (C&T), Punjab Police
3. Mr. S.C. Dhawan, Punjab Engg. College, Chandigarh
4. Mr. N.K. Mal, Assistant Director, DCPW, Delhi
5. Mr. Amarjit Singh, Chief Engineer, PPHC
6. Mr. Ranjodh Singh, S.E., PPHC
7. Mr. Parveen Garg, Senior System Manager, DoIT, Punjab

During meeting, prospective bidders raised queries on various clauses, terms & conditions, scope of work etc. before the Technical Committee. Table shown below indicates the proposed changes with respect to various queries discussed in the aforesaid meeting:

Sr. No.	Chapter No. Page No.	Clause	Existing	Revised
1.	1 Pg. 3 (Instructions to bidders)	1.1	<ul style="list-style-type: none"> • Bids are invited from the established, reputed and experienced IT companies for the supply of equipment and services for the introduction of GIS/GPS based Automatic Vehicle Tracking System (AVTS) including ACD (Automatic Call Distribution) 	<ul style="list-style-type: none"> • Bids are invited from the established, reputed and experienced IT companies/Consortium for the supply of equipment and services for the introduction of GIS/GPS based Automatic Vehicle Tracking System (AVTS) including ACD (Automatic Call Distribution)
2.	1 Pg. 3	1.1 (a) (New)	-	<ul style="list-style-type: none"> • The bidder can also be the consortium of two companies which jointly fulfill the eligibility conditions subject to the following requirements: <ol style="list-style-type: none"> a. One of the partners with not less than 51% stake in the consortium shall be nominated as lead partner

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				<p>through a power of attorney signed by legally authorized signatories of all the partners.</p> <ul style="list-style-type: none"> b. One of them partner must be GIS/ mapping solution provider. c. The bid shall be signed by Lead partner and shall be legally binding on all partners; d. The lead partner shall submit the role, responsibilities & percentage of stake of each consortium member. e. The lead partner shall be authorized to incur liabilities and receive instructions for and on behalf of any and all partners of the consortium and the entire execution of the Contract, including payment, shall be done exclusively with the lead partner; f. All partners of the consortium shall be liable jointly and severally for the execution of the Contract in accordance with the Contract terms, and a statement to this effect shall be included in the power of attorney mentioned under clause (b) above as well as in the bid and in the Contract; g. The bidder or consortium of partners who are responsible for a specific component (s) of the project must meet the relevant minimum qualification criteria for that particular component individually; h. The composition or constitution of the consortium shall not be altered during the contract term without the prior written approval of the client

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3.		Wherever applicable	Company	Bidder
4.	1 Pg. 4	2.1	The Company should be established, reputed National and / or International IT Companies with base in India.	The Bidder should be established, reputed National and / or International IT Companies/ Consortium with base in India.
5.	1 Pg. 4	2.2	The annual turnover of the Company should not have been less than Rs. 50 Crores on an average during each of the last three years.	The annual turnover of the Lead Bidding Partner should not be less than Rs. 50 Crores on an average during each of the last three years.
6.	1 Pg. 4	2.3	The Company must be well established and have been providing IT solutions for at least 3 years.	One of the bidding partner must be well established and have been providing IT solutions for at least 3 years.
7.	1 Pg. 4	2.4	The Company must be CMMi Level 5 in the field of Software Development.	One of the bidding partner must be CMMi Level 3 in the field of Software Development.
8.	1 Pg. 4	2.5	The Company must be ISO 9001:2000 certification in the field of GIS/Mapping being Digital Map a important component of the Project.	The GIS partner must be ISO 9001:2000 certification in the field of GIS/Mapping being Digital Map a important component of the Project.
9.	1 Pg. 4	2.6	The Company must have executed one Large Scale Mapping GIS project for Urban/Municipality in last three years worth of Rs. 20 Lacs.	The GIS partner must have executed one Large Scale Mapping GIS project for Urban/Municipality in last three years worth of Rs. 20 Lacs.
10.	1 Pg. 4	2.7	The Company should have at least one technical maintenance and support office in Mohali/Chandigarh. If not, company shall open its office in these places, if selected through tender process.	The Bidder should have at least one technical maintenance and support office in Mohali/ Chandigarh. If not, company shall open its office in these places within one month , if selected through tender process.
11.	1 Pg. 4	2.8	The Company should have sufficient(min 50) technical skilled manpower having requisite experience to develop and implement customized IT applications integrating GPS, GIS and Web technologies.	The Bidder should have sufficient (min 50) technical skilled manpower having requisite experience to develop and implement customized IT applications integrating GPS, GIS and Web technologies.
12.	1 Pg. 4	2.9	The Company should have executed at least one integrated project involving Hardware, Networking, GPRS based AVTS and Application Software Development of value not less than Rs. One crore in	The Lead bidding partner should have executed at least one integrated project involving Hardware, Networking, GPRS based AVTS and Application Software Development of value not less than Rs. One crore in the last three years

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			the last three years period nationally.	period nationally.
13.	1 Pg.5	3.1	The tender document can be obtained at the cost of Rs. 500/- from the office of the Punjab Police Housing Corporation, SCO 171-72, Sector 8-C, Chandigarh - 160018 on any working day between 10 a.m. to 5 P.M from 3.11.2009 to 26.11.2009.	The tender document can be obtained at the cost of Rs. 500/- from the office of the Punjab Police Housing Corporation, SCO 171-72, Sector 8-C, Chandigarh - 160018 on any working day between 10 a.m. to 5 P.M from 3.11.2009 to 04.12.2009.
14.	1 Pg. 5	3.4 & 3.5	Wherever applicable	Date for submission of bids extended to 1400 hours 07.12.2009
15.	1 Pg. 5	3.6	The bidders shall arrange presentation and demonstration of the AVTS System during the period from 16.11.2009 to 26.11.2009 at PPHC to show that their quoted System fully conforms to this tender. The bidders will be intimated the exact date and time slot for them to carry out such presentation and demonstration within the above specified time period.	To be intimated to the participating bidders during technical bid evaluation.
16.	1 Pg. 6	3.10 (1)	Man-years experience as Integrated Solutions Provider including Software, Hardware/Networking and Training	Experience as Integrated Solutions Provider including Software, Hardware/Networking and Training
17.	1 Pg. 7	5.1	Bid Security (Earnest Money) amounting to Rupees Fifteen Lakh only in the form of Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee, from any of the commercial banks, in favor of Managing Director, Punjab Police Housing Corporation, payable at Chandigarh should be enclosed along with the Technical Bid. Failure to do so will result in the rejection of the bid.	Only from the Nationalized / Scheduled banks

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18.	11 (a) Pg 10	(xii) (New)	-	Representative Authorization Letter (Annexure – T8)
19.	2 Pg. 16	10	Training	Note: Duration of training will be 4 weeks
20.	2 Pg. 17	11.1	The Bidder will undertake that supplies of necessary maintenance equipment and spare parts will be made available for all Items/Equipment and the complete System for a period of 10 (Ten) years on a continuing basis and life time spares after 10 years.	The Bidder will undertake that supplies of necessary maintenance equipment and spare parts will be made available for all Items/Equipment and the complete System for a period of 10 (Ten) years on a continuing basis.
21.	3 Pg. 21	1.2	Fault Tolerant RAID configured Server(s) for Hardware to be quoted by the firms should be of MNC brand. <ul style="list-style-type: none"> Application & Database, AVTS application, ACD(Automatic Call Distribution) & CTI (Computer Telephone Integrity) Application server at PPHQ 	<u>Quantities per location</u> Mohali – 3 Main Servers + 1 Backup server = 4 Nos + PPHQ - 1 Server = 5 Nos (Total) Other locations - 3 Main Servers + 1 Backup server = 4 Nos (each) Total Server – 25 Nos Servers to be quoted must be Rack type (2U)
22.	3 Pg. 21	1.5	PA-100 Supervisor /Administrator Workstations.- 1 - for each location	Quantity Supervisor / Administrator Workstations – 2 Nos for each location
23.	3 Pg 22	1.9	10 KVA (N+1 Redundant) online UPS with minimum 4-hours backup	10 KVA (N+1 Redundant) online UPS with minimum 1-hours backup
24.	3 Pg 23	1.9	Commensurate capacity Generator, UPS with Servo stabilizer of reputed make with minimum 8 Hrs. Power Back-up.	To be delete as already covered chapter-3 para 1.19 and 1.14

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25.	3 Pg. 23	4.1	Analog Telephones with CLI Facility of reputed make	Digital Telephones with CLI Facility of reputed make
26.	3 Pg. 23	4.3	Head Sets of reputed make	Deleted as already covered at Chapter 3, para 1.1(iii), Page 21
27.	3 Pg. 26	1.16	Punjab Police will own the AVTS data and Application Software developed for Punjab Police under this project along-with its source code including supporting classes, modules, etc. which shall be provided by the Supplier before final acceptance of the System.	Punjab Police will own the AVTS data and Application Software developed for Punjab Police under this project including supporting classes, modules, etc. which shall be provided by the Supplier before final acceptance of the System.
28.	3 Pg. 26	2.1	Fault Tolerant RAID configured Server(s) Technical Configuration Intel Xeon @ 3.0 Ghz processor or higher, 4 MB cache 3 x 250 GB SAS Hot swap RAID Configuration	<u>Technical Configuration</u> Intel Xeon @ 2.5 Ghz processor or equivalent/ higher, Dual processor Capable, 8mb L3 Cache 3 x 300 GB SAS Hot swap RAID Configuration
29.	3 Pg. 26	2.1	For Backup/ Redundant Server configuration Intel Xeon @ 3.0 Ghz processor or higher 3 x 250 GB SAS Hot swap RAID Configuration	<u>Technical Configuration</u> Intel Xeon @ 2.5 Ghz processor or equivalent/ higher, Dual processor Capable, 8mb L3 Cache 3 x 300 GB SAS Hot swap RAID Configuration
30.	3 Pg. 28	4.4	The software should be capable to display, query the Base map data given by CCE. The location of incidents and PCR vans should be available on a separate layer residing at the PUNJAB POLICE AVTS SERVER at PCR, Mohali would be updated dynamically.	The software should be capable to display, query the Base map data. The location of incidents and PCR vans should be available on a separate layer residing at the PUNJAB POLICE AVTS SERVER at PCR would be updated dynamically.
31.	3 Pg. 30	8.3	The land base maps to be provided by the Supplier will be in .shp format having layers : Residential units, Commercial units, important public buildings, roads,	The land base maps to be provided by the Supplier will be in .shp or equivalent format having layers : Residential units, Commercial units, important public buildings, roads,

GIS/GPS BASED AUTOMATIC VEHICLE TRACKING SYSTEM (AVTS) INCLUDING AUTOMATIC CALL DISTRIBUTION (ACD)

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			open areas, location of colonies, villages etc and other layers related to Police.	open areas, location of colonies, villages etc and other layers related to Police.
32.	4 Pg. 31	12	Electrical Power - 12V DC (Internal Vehicle battery to be used)	Electrical Power - 12V DC (Approximately) (Internal Vehicle battery to be used)
33.	4 Pg. 32	12 (e)	It should have a suitable printer for printing received message.	Deleted
34.	4 Pg. 32	12 (f)	It should have auto fall-back mode to send the vehicle position information to PCR, Mohali through SMS as and when GPRS data connectivity is unavailable and resume back the normal operation automatically.	It should have auto fall-back mode to send the vehicle position information to PCR through SMS as and when GPRS data connectivity is unavailable and resume back the normal operation automatically. (Deleted Mohali)
35.	4 Pg. 32	12 (i)	MDT should be upgradable to support video camera input at the PCR Van.	Deleted
36.	5 Pg. 44	2.8	The Agents of the Call Centre will be at Centralized location at PHQ with facility for remote agents in the District Police Control Rooms. .	Deleted
37.	6 Pg. 54, 70	Wherever applicable	Duration of AMC – 3 years	Duration of AMC – 2 years
38.	Pg.58	Annexure T1	(Bidder Particular)	Revised as enclosed
39.	Pg.61	Annexure T4	(Eligibility Criteria)	Revised as enclosed
40.	Annexure C2 67	PBG	Enclose with Commercial Bid	To be submitted by the selected bidder as per this annexure.
41.	Annexure T8	Authorization letter	(new)	Annexure T8 added as enclosed

Company details for eligibility criteria (Clause 2, Chapter-1)
(On applicant Company/leading company's Letterhead)
(Enclose with Technical bid)

The Managing Director
Punjab Police Housing Corporation,
SCO 171-72, Sector 8-C,
Chandigarh-160018

Sub: Tender for GIS/GPS based Vehicle Tracking System for Punjab Police.

Dear Sir,

We would like to clearly state that we qualify for this work as our company/Consortium meets all the eligibility criteria of the tender. The details are as under:

SrNo	Eligibility Criterion	Details						
1.	Copy of the Certificate of Incorporation of bidder (both partners in case of consortium)with the copy of Articles and Memorandum of Association (attach relevant documents)	Yes/No						
2.	Copy of the Memorandum of Understanding / Agreement of consortium partners (attach relevant documents)	Yes/No						
3.	If the bidder is an international company, address of its base in India (attach relevant documents)							
4.	The annual turnover of the Lead Bidding Partner should not be less than Rs. 50 Crores on an average during each of the last three years. (attach relevant documents)	2008-09 2007-08 2006-07						
5.	Name of partner which has been providing IT solutions for at least 3 years. (attach relevant documents)							
6.	Name of the partner with CMMi Level 3 in the field of Software Development. (attach relevant documents)							
7.	Name of the partner who is ISO 9001:2000 in field of GIS Mapping(attach relevant documents)							
8.	Name of the integrated projects involving hardware, networking, GPRS/AVTS and application software of value not less than One Crore in last three years executed by the lead partner.	<table border="1"> <thead> <tr> <th>Name of projects</th> <th>Cost</th> <th>Year of execution</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Name of projects	Cost	Year of execution			
Name of projects	Cost	Year of execution						

9.	<p>Number of key persons who have sufficient experience to develop and implement customized GPS, GIS and web-based applications alongwith the Organizational Chart.</p> <p>(Attach separate statement indicating names, qualifications, experience and skills sets and details of projects handled)</p>	(Number of Persons)		
10.	Address/Contact number of technical maintenance and support office in Mohali/Chandigarh.			
11.	Name of the Large scale Mapping GIS projects(not less than 20 lacs) for urban municipalities area executed by GIS partner in last three years along with Cost and year of execution. (attach relevant documents)	Name	Cost	Year of execution
12.	<p>Name of the projects executed by bidder in the field of development of customized applications integrating GPS& GIS technologies</p> <p>(Enclose the list of projects and attach necessary documentary proofs.)</p>			
13.	Whether draft Service Level Agreement (SLA) has been attached or not?			

We understand that if the details given in support of claims made above are found to be untenable or unverifiable or both, our bid may be rejected without any reference to us.

Yours sincerely

(Signature, Name, designation, contact address and telephone number of the authorized signatory)

CHAPTER - 8

OTHER STANDARD FORMS

ANNEXURE-T1

BIDDER PARTICULARS
(Enclose with Technical Bid)

1. Name of the Bidder :

2. Address of the Bidder :

(In case of consortium , identify the lead partner with % share in consortium)

3. Name of the Lead partner :

4. %age share of the Lead partner in consortium

5. Name & address of the person to whom all references shall be made regarding this tender enquiry. :

- Telephone :
- Fax :
- E-mail :

Witness:

Signature	Signature
Name	Name
Address	Designation
Date & Company Seal	

REPRESENTATIVE AUTHORIZATION LETTER

Date : _____

Ref : _____

To,

Managing Director
Punjab Police Housing Corporation
SCO 171-72, Sector 34-A, Chandigarh

Ms. /Mr. _____ is hereby authorised to sign relevant documents on behalf of the company in dealing with invitation reference No. _____,

Dt: _____. S/He is also authorised to attend meetings & submit technical & commercial information as may be required by you in the course of processing above said application.

Thanking you,

Authorised Signatory

Representative Signature

Signature attested

Company Seal