



## CRIME & CRIMINAL TRACKING NETWORK AND SYSTEMS (CCTNS)

Department of Police, Punjab

RFP for Selection of System Integrator by the State of Punjab  
Implementation of CCTNS in the State of Punjab

Volume – III (Contractual and Legal Terms)

This Request for Proposal (RFP all volumes) is both confidential and proprietary to Punjab Police and Punjab Police reserves the right to recall the RFP in its entirety or in part thereof. Vendors agree that they will not duplicate, distribute or otherwise disseminate or make available this document in its entirety or in part thereof, or the information contained in it without the express written consent of Punjab Police.

Notwithstanding the foregoing, vendors may make this document available to those employees who have a need to know its contents in order to participate in the preparation of the response; however, vendors must first communicate the terms and conditions of this section to such employees. Vendors shall not include or reference this RFP in any publicity without prior written approval from Punjab Police. Vendors must accept all of the foregoing terms and conditions without exception. All responses to the Request for Proposal submitted within the stipulated time will become the property of Punjab Police and will not be returned.

LIST OF ABBREVIATIONS

S.NO	TERM	DEFINITION
1.	DGP	Director General of Police
2.	ADGP	Additional Director General of Police
3.	IGP	Inspector General of Police
4.	DIG	Deputy Inspector General of Police
5.	CP	Commissioner of Police
6.	AIG	Assistant Inspector General of Police
7.	DCP	Deputy Commissioner of Police
8.	SSP	Senior Superintendent of Police
9.	SP	Superintendent of Police
10.	ASP	Assistant Superintendent of Police
11.	ADCP	Additional Deputy Commissioner of Police
12.	ACP	Additional Commissioner of Police
13.	DSP	Deputy Superintendent of Police
14.	Insp.	Inspector
15.	SHO	Station House Officer
16.	SI	Sub Inspector
17.	ASI	Assistant Sub-Inspector
18.	HC	Head Constable
19.	DCRB	District Crime Records Bureau.
20.	SCRB	State Crime Records Bureau
21.	NCRB	National Crime Records Bureau
22.	CRO	Crime Record Office
23.	VRK	Vulnerable Record Keeping
24.	CIA	Crime Investigation Agency
25.	CIPA	Common Integrated Police Application
26.	PP	Public Prosecutor
27.	RTO	Road Transport Office
28.	DTO	District Transport Office

S.NO	TERM	DEFINITION
29.	DC	District Collector
30.	GRP	Government Railway Police
31.	RI	Reserve Inspector
32.	NREGA	National Rural Employment Guarantee Act
33.	SDA	Software Development Agency

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1. Calendar of Events and Other Relevant Details

S. No	Information	Details
1.	RFP reference No and Date	CCTNS/2011/03
2.	Release of RFP to EOI Shortlisted bidders	11 <sup>th</sup> April, 2011
3.	Last date for Queries submission	25 <sup>th</sup> April, 2011
4.	pre-bid conference	29 <sup>th</sup> April, 2011
5.	Release of response to clarifications on	06 <sup>th</sup> May, 2011
6.	Last date (deadline) for receipt of proposals in response to RFP notice	20 <sup>th</sup> May, 2011
7.	Place, Time and Date of opening of Technical proposals received in response to the RFP notice	Place – Punjab Police Head Quarters, Sector, 9, Chandigarh Time: 13:00 pm Date: 20 <sup>th</sup> May, 2011
8.	Place, Time and Date of opening of Financial proposals received in response to the RFP notice	To be advised later.
9.	Contact Person for queries	Sh. J.K Mittal, IPS Inspector General of Police, Punjab Room No. 106, Ground Floor, Punjab Police Headquarters, Sector 9, Chandigarh Phone : 0172- 2748100-01-02-03 Ext : 2124 Fax: 0172-2743520 Email: <a href="mailto:igp.it&amp;t.police@punjab.gov.in">igp.it&amp;t.police@punjab.gov.in</a>
10.	Addressee and Address at which proposal in response to RFP notice is to be submitted:	Punjab Police Headquarters, Sector 9, Chandigarh Phone : 0172- 2748100-01-02-03

## 2. Glossary of Terms

The definitions of various terms that have been used in this RFP are as follows:

- “MHA (Ministry of Home Affairs)” Under the Government of India (Allocation of Business) Rules, 1961, the Ministry of Home Affairs has the following constituent Departments:-
  - Department of Border Management.
  - Department of Home.
  - Department of Internal Security.
  - Department of Jammu & Kashmir (J&K) Affairs.
  - Department of Official Language.
  - Department of States.
- NCRB National Crime Record Bureau Located at New Delhi under the Ministry of Home Affairs (MHA), Government of India, NCRB is mandated to empower the Indian Police with Information Technology for modernization of Indian Police. The National Police Commission in 1979 recommended creation of a Nodal Agency which would suggest a common formats for maintenance of Crime-Criminal records at all the Police Stations in the country. The same common format should also be utilized to created shareable databases at Police Stations, Districts, States, and National Level.
- State Apex Committee: This committee will be headed by the Chief Secretary and will be responsible for following:
  - Review progress of project
  - Monitor utilization of funds
  - Issue of Policy Directions
  - Issue of Guidelines etc.
- State Empowered Committee: This Committee will be headed by the DGP and will be responsible for following:
  - Allocation of funds
  - Approval of BPR (Business Process Reengineering) proposals
  - Sanction for various project components, as may be specified, including the Hardware/Software procurement
  - Approval of various functionalities to be covered in the Project
  - Review progress of the Project



- Ensure proper Training arrangements
- Ensure deployment of appropriate handholding personnel
- Other important policy and procedural issues
- Guidance to State/District Mission Teams
  
- State Mission Team: The State Mission Team will be headed by the Head of SCRB, the State Mission Team will be responsible for following:
  - Operational responsibility for the Project
  - Formulating Project Proposals
  - Getting sanction of GOI for various projects
  - Hardware rollout and commissioning
  - Co-ordination with various agencies
  - Resolution of all software related issues, including customization
  - Resolution of all other issues hindering the Project Progress
  - Any other decision to ensure speedy implementation of the project
  - Assist the State Apex and Empowered Committees
  
- District Mission Team: The District Mission Team will be headed by the SSP/SP of the respective district and will perform the following functions:
  - Prepare District Project Proposal
  - Ensure proper Rollout of the Project in each selected Police Station
  - Ensure hardware & software installation, operationalization of the Project
  - Training of all police personnel in the District
  - Site preparation and availability of all utilities
  - Ensure separate account keeping for the Project
  - Appointment and proper utilization of handholding personnel
  
- "Request for Proposal (RFP)" means all three Volumes and its annexure and any other documents provided along with this RFP or issued during the course of the selection of bidder, seeking a set of solution(s), services(s), materials and/or any combination of them.
  
- "Contract / Agreement / Contract Agreement/ Master Service Agreement" means the Agreement to be signed between the successful bidder and PUNJAB POLICE, including all attachments, appendices, all documents incorporated by reference thereto together with any subsequent modifications, the RFP, the bid offer, the acceptance and all related correspondences, clarifications, presentations.

- "Bidder" means any firm offering the solution(s), service(s) and /or materials as required in the RFP. The word Bidder when used in the pre-award period shall be synonymous with parties bidding against this RFP, and when used after award of the Contract shall mean the successful party with whom PUNJAB POLICE signs the agreement for rendering of services for implementation of this project.
- "Proposal / Bid" means the Technical and Commercial bids submitted for this project against this RFP.
- "Requirements" shall mean and include all the reports prepared by PUNJAB POLICE & SPMC, schedules, details, description, statements of technical data, performance characteristics and standards (Indian & International) as applicable and specified in the RFP.

"Successful Implementation / Go-Live" will mean:

- a. Successful deployment, commissioning, and UAT of the CCTNS application modules implemented during the phase.
- b. Site Preparation including furniture, creation of LAN, electrical works, etc. during that phase after verification and approval by Punjab Police or its constituted committees or representatives.
- c. Successful Data digitization / migration after verification and approval by Punjab Police or its constituted committees or representatives.
- d. Training and Certification of all the trainees, trained on the CCTNS application modules of that Phase.
- e. Procurement, deployment, and commissioning of the hardware at Data Center, DR Site and Other locations required to support the functioning of CAS modules.
- f. Procurement, deployment and commissioning of the networking equipments and provisioning of desired connectivity required to support the functioning of CAS modules.
- g. Achievement of the Service Levels as expected during the project.
- h. Customization of CAS and Integration/Migration of existing application/data with CAS module.
- i. Acceptance / Sign off from Punjab Police or its constituted committees or representatives.

### 3. Draft Agreement

THIS AGREEMENT is made on this the <\_\_\_\_\_> day of <\_\_\_\_\_> 2011 at <\_\_\_\_\_>, India.

BETWEEN

The IGP, Nodal Officer, CCTNS Project, Punjab Police, Punjab Police Headquarters, Chandigarh, India (hereinafter referred to as "Punjab Police" which expression shall, unless excluded by or repugnant to the context, include his successor in office and assignees and delegates) on the one part,

AND

<\_\_\_\_\_>, a Company registered under the Companies Act, 1956, having its registered office at <\_\_\_\_\_> acting through <\_\_\_\_\_>, authorized through Power of Attorney dated <\_\_\_\_\_> to sign the document (hereinafter referred to as "System Integrator/ SI" which expression shall, unless excluded by or repugnant to the context, include his successors/ administrators/ assignees) on the second part.

Each of the parties mentioned above are collectively referred to as the "Parties" and individually as a "Party" .

**WHEREAS:**

- 1) Punjab Police is desirous to implement the Mission Mode Project Crime & Criminal Tracking Network and Systems, an initiative of National Crime Record Bureau under Ministry of Home Affairs in Punjab Police for creating a comprehensive and integrated system for enhancing the efficiency and effectiveness of policing at all levels and especially at the Police Station level through adoption of principles of e-Governance.
- 2) In furtherance of the same, Punjab Police undertook the selection of a suitable System Integrator through a competitive bidding process for implementing the Project and in this behalf issued Request for Proposal (RFP) dated <\_\_\_\_\_>.
- 3) The successful bidder has been selected as the System Integrator on the basis of the Bid Details set out of this Agreement, to undertake the Project of the development and implementation of the solution, its roll out and sustained operations.

NOW THEREFORE, in consideration of the mutual covenants, promises, assurances, representations, and provisions set forth herein, the Parties hereto agree as follows:

#### 4. Definitions and Interpretations

##### 4.1.1 Interpretation

In this Agreement, unless otherwise specified:

- a. References to Clauses, Sub-Clauses, Paragraphs, Schedules and Annexure are to clauses, sub clauses, paragraphs, schedules and annexure to this Agreement;
- b. Use of any gender includes the other genders;
- c. References to a “company” shall be construed so as to include any company, corporation or other body corporate, wherever and however incorporated or established;
- d. References to a “person” shall be construed so as to include any individual, firm, company, government, state or agency of a state, local or municipal authority or government body or any joint venture, association or partnership (whether or not having separate legal personality);
- e. A reference to any statute or statutory provision shall be construed as a reference to the same as it may have been, or may from time to time be, amended, modified or reenacted;
- f. Any reference to a “day” (including within the phrase “business day” ) shall mean a period of 24 hours running from midnight to midnight;
- g. References to a “business day” shall be construed as a reference to a day (other than a Sunday) on which Government offices in the State of Punjab are generally open for business;
- h. References to times are to Indian Standard Time;
- i. System integrator (SI) has been used for the same entity i.e. bidder selected for the project.

##### 4.1.2 Measurements and Arithmetic Conventions

All measurements and calculations shall be in the metric system and calculations done to 2 (two) decimal places, with the third digit of 5 (five) or above being rounded up and below 5 (five) being rounded down except in money calculations where such amounts shall be rounded off to the nearest INR.

#### 4.1.3 Ambiguities within Agreement

In case of ambiguities or discrepancies within this Agreement, the following principles shall apply:

- a. As between two Clauses of this Agreement, the provisions of a specific Clause relevant to the issue under consideration shall prevail over those in a general Clause;
- b. As between the provisions of this Agreement and the Schedules, the Agreement shall prevail, save and except as expressly provided otherwise in the Agreement or the Schedules; and
- c. As between any value written in numerals and that in words, the value in words shall prevail.

#### 4.1.4 Priority of documents

This Agreement, including its Schedules, represents the entire agreement between the Parties as noted in this Clause. If in the event of a dispute as to the interpretation or meaning of this Agreement it should be necessary for the Parties to refer to documents forming part of the bidding process leading to this Agreement, then such documents shall be relied upon and interpreted in the following descending order of priority:

- a. This Agreement along with the SLA agreement, NDA agreement, Schedules and Annexure;
- b. Request for Proposal and Addendum/ Corrigendum to the Request for Proposal (if any).

For the avoidance of doubt, it is expressly clarified that in the event of a conflict between this Agreement, Annexure/ Schedules or the contents of the RFP, the terms of this Agreement shall prevail over the Annexure/ Schedules and Annexure/ Schedules shall prevail over the contents and specifications of the RFP.

### 5. Scope of the Project

The System Integrator shall be required to follow the scope of work as defined in Volume I of this RFP. In addition to the scope of work, SI will also be required to adhere to the project timelines and submit the required deliverables as defined in Volume I of this RFP.

### 6. Terms & Duration of the Project

The PUNJAB POLICE intends to grant to the System Integrator the right to undertake and implement the Project on the terms and conditions set forth below:

- a) Successful implementation / Go-Live of the project in Phases (as defined in RFP Volume 1) within the defined period from the date of signing of contract. The Successful implementation / Go-Live of a Phase will include:

- i. Successful deployment, commissioning, and UAT of the CCTNS application modules implemented during the phase.
  - ii. Site Preparation including furniture, creation of LAN, electrical works, etc. during that phase after verification and approval by Punjab Police or its constituted committees or representatives.
  - iii. Successful Data digitization / migration after verification and approval by Punjab Police or its constituted committees or representatives.
  - iv. Training and Certification of all the trainees, trained on the CCTNS application modules of that Phase.
  - v. Procurement, deployment, and commissioning of the hardware at Data Center, DR Site and Other locations required to support the functioning of CAS modules.
  - vi. Procurement, deployment and commissioning of the networking equipments and provisioning desired connectivity required to support the functioning of CAS modules.
  - vii. Achievement of the Service Levels as expected during the project.
  - viii. Customization of CAS and Integration/Migration of existing application/data with CAS module.
- b) Acceptance / Sign off from Punjab Police or its constituted committees or representatives.
  - c) Operations and Maintenance of the system for a period of three years from the Successful Implementation / Go-Live of the Complete CCTNS Solution.
  - d) Hence, the Overall "Term" for the Project will be at least 5 years
  - e) This Agreement shall come into effect on <\_\_\_\_\_> 2011 (hereinafter the "Effective Date) and shall continue till operation and maintenance completion date which shall be the date of the completion of the operation and maintenance to the satisfaction of PUNJAB POLICE or its nominated agencies.

## 7. Conditions Precedent & Effective Date

### 7.1.1 Provisions to take effect upon fulfilment of Conditions Precedent

Subject to express terms to the contrary, the rights and obligations under this Agreement shall take effect only upon fulfillment of all the Conditions Precedent set out below. However, Punjab Police or its nominated agencies may at any time at its sole discretion waive fully or partially any of the Conditions Precedent for the System Integrator.

### 7.1.2 Conditions Precedent of the System Integrator

The System Integrator shall be required to fulfill the Conditions Precedent in which is as follows:

- a. to provide a Performance Security/Guarantee and other guarantees/ payments as and when required to the PUNJAB POLICE or its nominated agencies; and
- b. to provide the PUNJAB POLICE or its nominated agencies certified true copies of its constitutional documents and board resolutions authorizing the execution, delivery and performance of this Agreement by the System Integrator

For the avoidance of doubt, it is expressly clarified that the obligations of the Parties except the financial obligations of PUNJAB POLICE or its nominated agencies under this Agreement shall commence from the fulfillment of the Conditions Precedent as set forth above.

#### 7.1.3 Extension of time for fulfilment of Conditions Precedent

- a) The Parties may, by mutual agreement extend the time for fulfilling the Conditions Precedent and the Term of this Agreement.
- b) For the avoidance of doubt, it is expressly clarified that any such extension of time shall be subject to imposition of penalties on the System Integrator linked to the delay in fulfilling the Conditions Precedent.
- c) The state shall have the flexibility to get the project completed by SI beyond the specified time limits within same financial implications for specific reasons.

#### 7.1.4 Non-fulfilment of the System Integrator's Conditions Precedent

- a. In the event that any of the Conditions Precedent of the System Integrator has not been fulfilled within 15 days of signing of this Agreement and the same have not been waived fully or partially by PUNJAB POLICE or its nominated agencies, this Agreement shall cease to exist.
- b. In the event that the Agreement fails to come into effect on account of non fulfillment of the System Integrator's Conditions Precedent, the PUNJAB POLICE or its nominated agencies shall not be liable in any manner whatsoever to the System Integrator and the PUNJAB POLICE shall forthwith forfeit the EMD/ Performance Guarantees.
- c. In the event that possession of any of the PUNJAB POLICE or its nominated agencies facilities has been delivered to the System Integrator prior to the fulfillment of the Conditions Precedent, upon the termination of this Agreement such shall immediately revert to PUNJAB POLICE or its nominated agencies, free and clear from any encumbrances or claims.

#### 8. Obligations under the SLA

- a. The SLA shall be a separate contract in respect of this Agreement and shall be entered into concurrently with this Agreement between PUNJAB POLICE and System Integrator;
- b. In relation to any future SLA entered into between the Parties; each of the Parties shall observe and perform the obligations set out herein.

## 9. Change of Control

- a) In the event of a change of control of the System Integrator during the Term, the SI shall promptly notify PUNJAB POLICE and/or its nominated agencies of the same in the format set out as Annexure A of this Agreement.
- b) In the event that the net worth of the surviving entity is less than that of System Integrator prior to the change of control, the PUNJAB POLICE or its nominated agencies may within 30 days of becoming aware of such change in control, require are placement of existing Performance Guarantee furnished by the SI from a guarantor acceptable to the PUNJAB POLICE or its nominated agencies (which shall not be System Integrator or any of its associated entities).
- c) If such a guarantee is not furnished within 30 days of the PUNJAB POLICE or its nominated agencies requiring the replacement, the PUNJAB POLICE may exercise its right to terminate the SLA and/ or this Agreement within a further 30 days by written notice, to become effective as specified in such notice.
- d) Pursuant to termination, the effects of termination as set out in Clause 14.1.2 of this Agreement shall follow.

For the avoidance of doubt, it is expressly clarified that the internal reorganization of the System Integrator shall not be deemed an event of a change of control for purposes of this Clause unless the surviving entity is of less net worth than the predecessor entity.

## 10. Final testing and certification

The Project shall be governed by the mechanism of final acceptance testing and certification to be put into place by the PUNJAB POLICE, guided by the following principles:

- a. PUNJAB POLICE reserves the right to nominate a technically competent agency ("Final Testing and Certification Agency") for conducting final acceptance testing and certification;
- b. Such Final Testing and Certification Agency will lay down a set of guidelines following internationally accepted norms and standards for testing and certification for all aspects of project development and implementation covering software, hardware and networking including the processes relating to the design of solution architecture, design of systems and sub- systems, coding, testing, business process description, documentation, version control, change management, security, service oriented architecture, performance in relation to compliance with SLA metrics, interoperability, scalability, availability and compliance with all the technical and functional requirements of the RFP and this Agreement;



- c. The Final Testing and Certification Agency will be involved with Project from the development stage to ensure that the guidelines are being followed and to avoid large scale modifications pursuant to testing done after the application is fully developed;
- d. The Final Testing and Certification Agency may engage professional organizations for conducting specific tests on the software, hardware, networking, security and all other aspects;
- e. The Final Testing and Certification Agency will establish appropriate processes for notifying the System Integrator of any deviations from the norms, standards or guidelines at the earliest instance after taking cognizance of the same to enable the System Integrator to take corrective action;
- f. Such an involvement of and guidance by the Final Testing and Certification Agency shall not, however, absolve the System Integrator of the fundamental responsibility of designing, customizing/ developing, installing, testing and commissioning the various components of the Project to deliver the services in perfect conformity with this Agreement.

The Parties shall each ensure that the range of the Services under the SLA shall not be varied, reduced, or increased except with the prior written agreement between the PUNJAB POLICE and System Integrator in accordance with the Change Control Schedule set out in Schedule II of this Agreement. Save for the express terms of the Terms of Payment Schedule set out as Schedule VI of this Agreement, PUNJAB POLICE or its nominated agencies and its users may purchase any particular category of Services that may become necessary as per the Change Control Schedule set out in Schedule II of this Agreement, without the need to go for a separate procurement process.

## 11. Representations and Warranties

### 11.1.1 Representations and warranties of the System Integrator

The System Integrator represents and warrants to the PUNJAB POLICE or its nominated agencies that:

- a. It is duly organized and validly existing under the laws of India, and has full power and authority to execute and perform its obligations under this Agreement and other agreements and to carry out the transactions contemplated hereby;
- b. It is a competent provider of a variety of information technology and business process management services;

- c. It has taken all necessary corporate and other actions under Applicable Laws to authorize the execution and delivery of this Agreement and to validly exercise its rights and perform its obligations under this Agreement;
- d. From the Effective Date, it will have the financial standing and capacity to undertake the Project in accordance with the terms of this Agreement;
- e. In providing the Services, it shall use reasonable endeavors not to cause any unnecessary disruption to PUNJAB POLICE's normal business operations
- f. this Agreement has been duly executed by it and constitutes a legal, valid and binding obligation, enforceable against it in accordance with the terms hereof, and its obligations under this Agreement shall be legally valid, binding and enforceable against it in accordance with the terms hereof;
- g. the information furnished in the tender documents and as updated on or before the date of this Agreement is to the best of its knowledge and belief true and accurate in all material respects as at the date of this Agreement;
- h. the execution, delivery and performance of this Agreement shall not conflict with, result in the breach of, constitute a default by any of the terms of its Memorandum and Articles of Association or any Applicable Laws or any covenant, contract, agreement, arrangement, understanding, decree or order to which it is a party or by which it or any of its properties or assets is bound or affected;
- i. there are no actions, suits, proceedings, or investigations pending or, to its knowledge, threatened against it at law or in equity before any court or before any other judicial, quasi-judicial or other authority, the outcome of which may result in the breach of this Agreement or which individually or in the aggregate may result in any material impairment of its ability to perform any of its material obligations under this Agreement;
- j. it has no knowledge of any violation or default with respect to any order, writ, injunction or decree of
- k. any court or any legally binding order of any Government Instrumentality which may result in any Adverse Effect on its ability to perform its obligations under this Agreement and no fact or circumstance exists which may give rise to such proceedings that would adversely affect the performance of its obligations under this Agreement;
- l. it has complied with Applicable Laws in all material respects and has not been subject to any fines, penalties, injunctive relief or any other civil or criminal liabilities which in the aggregate have or may have an Adverse Effect on its ability to perform its obligations under this Agreement;
- m. no representation or warranty by it contained herein or in any other document furnished by it to PUNJAB POLICE or its nominated agencies in relation to the Required Consents contains or shall contain any untrue or misleading statement of material fact or omits or shall omit to state a material fact necessary to make such representation or warranty not misleading; and
- n. no sums, in cash or kind, have been paid or shall be paid, by it or on its behalf, to any person by way of fees, commission or otherwise for entering into this Agreement or for influencing or

attempting to influence any officer or employee of PUNJAB POLICE or its nominated agencies in connection therewith.

#### 11.1.2 Representations and warranties of the PUNJAB POLICE or its nominated agencies

PUNJAB POLICE or its nominated agencies represent and warrant to the System Integrator that:

- a. it has full power and authority to execute, deliver and perform its obligations under this Agreement and to carry out the transactions contemplated herein and that it has taken all actions necessary to execute this Agreement, exercise its rights and perform its obligations, under this Agreement and carry out the transactions contemplated hereby;
- b. it has taken all necessary actions under Applicable Laws to authorize the execution, delivery and performance of this Agreement and to validly exercise its rights and perform its obligations under this Agreement;
- c. it has the financial standing and capacity to perform its obligations under the Agreement;
- d. it is subject to the laws of India, and hereby expressly and irrevocably waives any immunity in any jurisdiction in respect of this Agreement or matters arising there under including any obligation, liability or responsibility hereunder;
- e. this Agreement has been duly executed by it and constitutes a legal, valid and binding obligation enforceable against it in accordance with the terms hereof and its obligations under this Agreement shall be legally valid, binding and enforceable against it in accordance with the terms thereof;
- f. the execution, delivery and performance of this Agreement shall not conflict with, result in the breach of, constitute a default under, or accelerate performance required by any of the Applicable Laws or any covenant, contract, agreement, arrangement, understanding, decree or order to which it is a party or by which it or any of its properties or assets is bound or affected;
- g. there are no actions, suits or proceedings pending or, to its knowledge, threatened against it at law or in equity before any court or before any other judicial, quasi-judicial or other authority, the outcome of which may result in the default or breach of this Agreement or which individually or in the aggregate may result in any material impairment of its ability to perform its material (including any payment) obligations under this Agreement;
- h. it has no knowledge of any violation or default with respect to any order, writ, injunction or any decree of any court or any legally binding order of any Government Instrumentality which may result in any Adverse Effect on the PUNJAB POLICE or its nominated agencies ability to perform its obligations under this Agreement and no fact or circumstance exists which may give rise to such proceedings that would adversely affect the performance of its obligations under this Agreement;
- i. it has complied with Applicable Laws in all material respects;
- j. all information provided by it in the RFP in connection with the Project is, to the best of its knowledge and belief, true and accurate in all material respects; and

- k. Upon the System Integrator performing the covenants herein, it shall not at anytime during the term hereof, interfere with peaceful exercise of the rights and discharge of the obligations by the System Integrator, in accordance with this Agreement.

#### 11.1.3 Undertakings of the PUNJAB POLICE or its Nominated Agencies

Without prejudice to any other undertakings or obligations of the PUNJAB POLICE or its nominated agencies under this Agreement the PUNJAB POLICE or its nominated agencies shall undertake the following:

- a. To provide any support through personnel to test the system during the Term;
- b. To provide any support through personnel and/or test data during development, rollout, steady state operation, as well as, for any changes/enhancements in the system whenever required due to scope change that may arise due to business, delivery or statutory/regulatory reasons;
- c. PUNJAB POLICE shall provide the data (including in electronic form wherever available) to be digitized or migrated.
- d. To authorize the System Integrator to interact for implementation of the Project with external entities such as the Transport Department, Government Hospitals, Courts, Jails, etc. other entities mentioned for integration requirements in Volume-I of the RFP.

#### 11.1.4 Obligations of the System Integrator

- a. It shall provide to the PUNJAB POLICE or its nominated agencies, the Minimum Required Deliverables as set out in Annexure C of this Agreement.
- b. It shall keep abreast of the relevant technical, managerial and operational requirements applicable to the provision of the services and best practices in this area and shall share their knowledge with PUNJAB POLICE or its nominated agencies regarding matters which would assist PUNJAB POLICE or its nominated agencies in its use of the Services, provided that System Integrator shall not be obligated to share other PUNJAB POLICE information or Confidential Information of System Integrator not relevant to this Agreement;
- c. It shall perform the Services as set out in Section 2 of this Agreement and in a professional manner commensurate with industry and technical standards which are generally in effect for international projects and innovations pursuant thereon similar to those contemplated by this Agreement, and so as to comply with the applicable Service Levels set out with this Agreement.
- d. It shall ensure that the Services are being provided as per the Project Timelines set out as Annexure C to this Agreement.

### 11.1.5 Approvals and Required Consents

- a. The Parties shall cooperate to procure, maintain and observe all relevant and regulatory and governmental licenses, clearances and applicable approvals (hereinafter the "Required Consents") necessary for the System Integrator to provide the Services. The costs of such Approvals shall be borne by the Party normally responsible for such costs according to local custom and practice in the locations where the Services are to be provided.
- b. The PUNJAB POLICE or its nominated agencies shall use reasonable endeavors to assist System Integrator to obtain the Required Consents. In the event that any Required Consent is not obtained, the System Integrator and the PUNJAB POLICE or its nominated agencies will cooperate with each other in achieving a reasonable alternative arrangement as soon as reasonably practicable for the PUNJAB POLICE or its nominated agencies to continue to process its work with as minimal interruption to its business operations as is commercially reasonable until such Required Consent is obtained, provided that the System Integrator shall not be relieved of its obligations to provide the Services and to achieve the Service Levels until the Required Consents are obtained if and to the extent that the System Integrator's obligations are not dependent upon such Required Consents.

### 1.1.6 Use of Assets by the System Integrator

During the Term the System Integrator shall:

- a. take all reasonable and proper care of the entire hardware and software, network or any other information technology infrastructure components used for the Project and other facilities leased / owned / operated by the System Integrator exclusively in terms of ensuring their usability for the delivery of the Services as per this Agreement (hereinafter the "Assets") in proportion to their use and control of such Assets which will include all up-gradation/enhancements and improvements to meet the current needs of the Project; and
- b. keep all the tangible Assets in as good and serviceable condition (reasonable wear and tear excepted) and/or the intangible Assets suitably upgraded subject to the relevant industry standards (including those stated in Volume I of the RFP) as at the date the System Integrator takes control of and/or first uses the Assets and during the entire Term of the Agreement. Pursuant to technological obsolescence, up-gradation will be carried out by the System Integrator.
- c. ensure that any instructions or manuals supplied by the manufacturer of the Assets for use of the Assets and which are provided to the System Integrator will be followed by the System Integrator and any person who will be responsible for the use of the Assets;

- d. take such steps as may be properly recommended by the manufacturer of the Assets and notified to the System Integrator or as may, in the reasonable opinion of the System Integrator, be necessary to use the Assets in a safe manner;
- e. ensure that the Assets that are under the control of the System Integrator, are kept suitably housed and in conformity with Applicable Law;
- f. procure permission from the PUNJAB POLICE or its nominated agencies and any persons duly authorized by them to enter any land or premises on which the Assets are for the time being sited so as to inspect the same, subject to any reasonable third party requirements;
- g. not, knowingly or negligently use or permit any of the Assets to be used in contravention of any statutory provisions or regulation or in any way contrary to Applicable Law; and
- h. be responsible for undertaking comprehensive insurance including liability insurance, system and facility insurance and any other insurance for the personnel, Assets, data, software, etc.

#### 11.1.7 Access to the PUNJAB POLICE or its Nominated Agencies Locations

For so long as the System Integrator provides services to the PUNJAB POLICE or its nominated agencies location, as the case may be, on a non-permanent basis and to the extent necessary, the PUNJAB POLICE as the case may be or its nominated agencies shall, subject to compliance by the System Integrator with any safety and security guidelines which may be provided by the PUNJAB POLICE as the case may be or its nominated agencies and notified to the System Integrator in writing, provide the System Integrator with:

- a. reasonable access, in the same manner granted to the PUNJAB POLICE or its nominated agencies employees, to the PUNJAB POLICE as the case may be location twenty-four hours day, seven days a week;
- b. Reasonable work space, access to office equipment as mutually agreed and other related support services in such location and at such other the PUNJAB POLICE as the case may be location, if any, as may be reasonably necessary for the System Integrator to perform its obligations hereunder and under the SLA.

Access to locations, office equipments and services shall be made available to the System Integrator on an "as is, where is" basis by the PUNJAB POLICE as the case may be or its nominated agencies. The System Integrator agrees to ensure that its employees, agents, and contractors shall not use the location, services, and equipment referred to in RFP Volume 1 for the following purposes:

- a. for the transmission of any material which is defamatory, offensive or abusive or of an obscene or menacing character; or

- b. in a manner which constitutes a violation or infringement of the rights of any person, firm or company (including but not limited to rights of copyright or confidentiality).

## 12. Management Phase

### 12.1.1 Governance

The review and management process of this Agreement shall be carried out in accordance with the Governance Schedule set out in Schedule V of this Agreement and shall cover all the management aspects of the Project.

### 12.1.2 Use of Services

- a. The PUNJAB POLICE as the case may be or its nominated agencies, will undertake and use the Services in accordance with any instructions or procedures as per the acceptance criteria as set out in the SLA or this Agreement or any agreement that may be entered into between the Parties from time to time;
- b. The PUNJAB POLICE as the case may be or its nominated agencies shall be responsible for the operation and use of the Deliverables resulting from the Services.

### 12.1.3 Changes

Unless expressly dealt with elsewhere in this Agreement, any changes under or to this Agreement or under or to the SLA shall be dealt with in accordance with the Change Control Schedule set out in Schedule II of this Agreement.

### 12.1.4 Security and Safety

- a. The System Integrator shall comply with the directions issued from time to time by the PUNJAB POLICE or its nominated agencies and follow the industry standards related to safety and security (including those as stated in the RFP Volume I), insofar as it applies to the provision of the Services.
- b. Each Party to the SLA/Agreement shall also comply with PUNJAB POLICE or the Government of India, and the respective State's security standards and policies in force from time to time at each location of which PUNJAB POLICE or its nominated agencies make the System Integrator aware in writing insofar as the same apply to the provision of the Services.

- c. The Parties to the SLA/Agreement shall use reasonable endeavors to report forthwith in writing to each other all identified attempts (whether successful or not) by unauthorized persons (including unauthorized persons who are employees of any Party) either to gain access to or interfere with the PUNJAB POLICE as the case may be or any of their nominees data, facilities or Confidential Information.
- d. The System Integrator shall upon reasonable request by the PUNJAB POLICE as the case may be or their nominee(s) participate in regular meetings when safety and information technology security matters are reviewed.
- e. As per the provisions of the SLA or this Agreement, the System Integrator shall promptly report in writing to the PUNJAB POLICE or its nominated agencies, any act or omission which they are aware that could have an adverse effect on the proper conduct of safety and information technology security at the facilities of PUNJAB POLICE as the case may be.

#### 12.1.5 Cooperation

Except as otherwise provided elsewhere in this Agreement or the SLA, each Party ("System Integrator") to this Agreement or to the SLA undertakes promptly to provide the other Party ("PUNJAB POLICE") with all such information and co-operation which the PUNJAB POLICE reasonably requests, provided that such information and co-operation:

- a. does not require material expenditure by the Providing Party to provide the same;
- b. is reasonably required by the Receiving Party in order for it to comply with its obligations under this Agreement or the SLA;
- c. cannot be construed to be Confidential Information; and
- d. Is capable of being provided by the Providing Party.

Further, each Party agrees to co-operate with the contractors and subcontractors of the other Party as reasonably requested in order to accomplish the purposes of this Agreement.

### 13. Finances

#### 13.1.1 Terms of Payment and Service Credits and Debits

- a. In consideration of the Services and subject to the provisions of this Agreement and of the SLA, the PUNJAB POLICE shall pay the System Integrator for the Services rendered in pursuance of this agreement, in accordance with the Terms of Payment Schedule set out as Schedule VI of this Agreement.



- b. All payments are subject to the application of service credits and debits as maybe provided for in the SLA. For the avoidance of doubt, it is expressly clarified that the PUNJAB POLICE will pay the service credits as stated in accordance with the Schedule VI of this Agreement and the PUNJAB POLICE may also calculate a financial sum and debit the same against the terms of payment as set out in Schedule VI of this Agreement as a result of the failure of the System Integrator to meet the Service Level as defined in SLA.
- c. Save and except as otherwise provided for herein or as agreed between the Parties in writing, the PUNJAB POLICE shall not be required to make any payments in respect of the Services (or, without limitation to the foregoing, in respect of the System Integrator performance of any obligations under this Agreement or the SLA) other than those covered in Schedule VI of this Agreement. For the avoidance of doubt, it is expressly clarified that the payments shall be deemed to include all ancillary and incidental costs and charges arising in the course of delivery of the Services including consultancy charges, infrastructure costs, project costs, implementation and management charges and all other related costs including taxes which are addressed in this Clause.

#### 13.1.2 Invoicing and Settlement

- a. Subject to the specific terms of the SLA, the System Integrator shall submit its invoices in accordance with the following principles:
  - i. The PUNJAB POLICE shall be invoiced by the System Integrator for the Services. Generally and unless otherwise agreed in writing between the Parties or expressly set out in the SLA, the System Integrator shall raise an invoice along with necessary approvals as per Schedule VI of this Agreement, and
  - ii. Any invoice presented in accordance with this Article shall be in a form agreed with the PUNJAB POLICE.
- b. The System Integrator alone shall invoice all payments after receiving due approval from the competent authority. Such invoices shall be accurate and all adjustments to or changes in the terms of payment as stated in Schedule VI of this Agreement. The System Integrator shall waive any charge for a Service that is not invoiced within six months after the end of the month in which the change relating to such Service is authorized or incurred, whichever is later.
- c. Payment shall be made within 30 working days of the receipt of invoice along with supporting documents by the PUNJAB POLICE subject to penalties. The penalties are imposed on the vendor as per the SLA criteria specified in the SLA.
- d. The PUNJAB POLICE shall be entitled to delay or withhold payment of any invoice or part of it delivered by the System Integrator under Schedule VI of this Agreement where the PUNJAB

- POLICE disputes/ withholds such invoice or part of it provided that such dispute is bona fide. The withheld amount shall be limited to that which is in dispute. The disputed / withheld amount shall be settled in accordance with the escalation procedure as set out in Schedule V of this Agreement. Any exercise by the PUNJAB POLICE under this Clause shall not entitle the System Integrator to delay or withhold provision of the Services.
- e. The PUNJAB POLICE shall be entitled to delay or withhold payment of any invoice or part of it delivered by the System Integrator under Schedule V of this Agreement where the disputes any previous invoice or part of it that it had not previously disputed provided that such dispute is bona fide. The withheld amount shall be limited to that which is the disputed amount. The disputed amount shall be referred to the escalation procedure as set out in Schedule V of this Agreement. Any exercise by the PUNJAB POLICE under this Clause shall not entitle the System Integrator to delay or withhold provision of the Services.
  - f. The System Integrator shall pay all its sub-contractors in a timely fashion in accordance with a mechanism, which will not prejudice the Project.

### 13.1.3 Tax

- a. The PUNJAB POLICE or its nominated agencies shall be responsible for withholding taxes from the amounts due and payable to the System Integrator wherever applicable. The System Integrator shall pay for all other taxes in connection with this Agreement, SLA, scope of work and any other engagement required to be undertaken as a part of this Agreement, including, but not limited to, property, sales, use, excise, value added, goods and services, consumption and other similar taxes or duties.
- b. The PUNJAB POLICE or its nominated agencies shall provide System Integrator with the original tax receipt of any withholding taxes paid by PUNJAB POLICE or its nominated agencies on payments under this Agreement. The System Integrator agrees to reimburse and hold the PUNJAB POLICE or its nominated agencies harmless from any deficiency including penalties and interest relating to taxes that are its responsibility under this paragraph. For purposes of this Agreement, taxes shall include taxes incurred on transactions between and among the PUNJAB POLICE or its nominated agencies, the System Integrator and third party subcontractors.
- c. In the event of any increase or decrease of the rate of taxes due to any statutory notification/s during the Term of the Agreement the consequential effect shall be to the account of the System Integrator.
- d. The Parties shall cooperate to enable each Party to accurately determine its own tax liability and to minimize such liability to the extent legally permissible. In connection therewith, the Parties shall provide each other with the following:
  - i. any resale certificates;
  - ii. any relevant information regarding out-of-state or use of materials, equipment or services; and

- iii. Any direct pay permits, exemption certificates or information reasonably requested by the other Party.

## 14. Termination

### 14.1.1 Material Breach

- a. In the event that either Party believes that the other Party is in Material Breach of its obligations under this Agreement, such aggrieved Party may terminate this Agreement upon giving a one month' s notice for curing the Material Breach to the other Party. In case the Material Breach continues, after the notice period, the PUNJAB POLICE as the case may be will have the option to terminate the Agreement. Any notice served pursuant to this Clause shall give reasonable details of the Material Breach, which could include the following events and the termination will become effective:
  - i. If the System Integrator is not able to deliver the services as per the SLAs defined in Volume 1 of RFP which translates into Material Breach, then the PUNJAB POLICE may serve a 7 days written notice for curing this Material Breach. In case the Material Breach continues, after the expiry of such notice period, the PUNJAB POLICE will have the option to terminate this Agreement. Further, the PUNJAB POLICE may after affording a reasonable opportunity to the System Integrator to explain the circumstances leading to such a delay.
  - ii. If there is a Material Breach by the PUNJAB POLICE or its nominated agencies which results in not providing support for effecting data migration and / or not providing the certification of User Acceptance, then the System Integrator will give a one month' s notice for curing the Material Breach to the PUNJAB POLICE. After the expiry of such notice period, the System Integrator will have the option to terminate the Agreement
- b. The PUNJAB POLICE may by giving a one month's written notice, terminate this Agreement if a change of control of the System Integrator has taken place. For the purposes of this Clause, in the case of System Integrator, change of control shall mean the events stated in Clause 9, and such notice shall become effective at the end of the notice period as set out in Clause 9 (c).
- c. In the event that System Integrator undergoes such a change of control, PUNJAB POLICE may, as an alternative to termination, require full Performance Guarantee forthe obligations of System Integrator by a guarantor acceptable to PUNJAB POLICE or its nominated agencies. If such a guarantee is not furnished within 30 days of PUNJAB POLICE's demand, the PUNJAB POLICE may exercise its right to terminate this Agreement in accordance with this Clause by giving 15 days further written notice to the System Integrator.
- d. The termination provisions set out in this Clause shall apply mutatis mutandis to the SLA.

### 14.1.2 Effects of termination

- a. In the event that PUNJAB POLICE terminates this Agreement pursuant to failure on the part of the System Integrator to comply with the conditions as contained in this Clause and depending on the event of default, Performance Guarantee furnished by System Integrator may be forfeited.
- b. Upon termination of this Agreement, the Parties will comply with the Exit Management Schedule set out as Schedule III of this Agreement.
- c. In the event that PUNJAB POLICE or the System Integrator terminates this Agreement, the compensation will be decided in accordance with the Terms of Payment Schedule set out as Schedule VI of this Agreement.
- d. On termination of this Agreement for any reason, the PUNJAB POLICE will decide the appropriate course of action.
- e. The Limitation of Liability shall be fixed as greater than or equal to the total cost of the project

#### 14.1.3 Termination of this Agreement due to bankruptcy of System Integrator

The PUNJAB POLICE may serve written notice on System Integrator at any time to terminate this Agreement with immediate effect in the event that:

- a. The System Integrator reporting an apprehension of bankruptcy to the PUNJAB POLICE or its nominated agencies;
- b. PUNJAB POLICE or its nominated agencies apprehending a similar event.

## 15. Indemnification

Subject to Clause below, System Integrator (the "Indemnifying Party") undertakes to indemnify PUNJAB POLICE (the "Indemnified Party") from and against all Losses on account of bodily injury, death or damage to tangible personal property arising in favor of any person, corporation or other entity (including the Indemnified Party) attributable to the Indemnifying Party's performance or non-performance under this Agreement or the SLA to the extent of the Indemnifying Party's comparative fault in causing such Losses.

The indemnities set out in above shall be subject to the following conditions:

- i. the Indemnified Party as promptly as practicable informs the Indemnifying Party in writing of the claim or proceedings and provides all relevant evidence, documentary or otherwise;
- ii. the Indemnified Party shall, at the cost of the Indemnifying Party, give the Indemnifying Party all reasonable assistance in the Defense of such claim including reasonable access to all relevant information, documentation and personnel provided that the Indemnified Party may, at its sole cost and expense, reasonably participate, through its attorneys or otherwise, in such Defense;
- iii. if the Indemnifying Party does not assume full control over the Defense of a claim as provided in this Article, the Indemnifying Party may participate in such Defense at its sole cost and expense, and the Indemnified Party will have the right to defend the claim in such manner as it may deem appropriate, and the cost and expense of the Indemnified Party will be included in Losses;
- iv. the Indemnified Party shall not prejudice, pay or accept any proceedings or claim, or compromise any proceedings or claim, without the written consent of the Indemnifying Party;
- v. all settlements of claims subject to indemnification under this Article will:
  - a. be entered into only with the consent of the Indemnified Party, which consent will not be unreasonably withheld and include an unconditional release to the Indemnified Party from the claimant or plaintiff for all liability in respect of such claim; and
  - b. include any appropriate confidentiality agreement prohibiting disclosure of the terms of such settlement;
  - c. the Indemnified Party shall account to the Indemnifying Party for all awards, settlements, damages and costs (if any) finally awarded in favor of the Indemnified Party which are to be paid to it in connection with any such claim or proceedings;
  - d. the Indemnified Party shall take steps that the Indemnifying Party may reasonably require to mitigate or reduce its loss as a result of such a claim or proceedings;
  - e. in the event that the Indemnifying Party is obligated to indemnify an Indemnified Party pursuant to this Article, the Indemnifying Party will, upon payment of such indemnity in full, be subrogated to all rights and defenses of the Indemnified Party with respect to the claims to which such indemnification relates; and

- f. if a Party makes a claim under the indemnity set out under above Clause in respect of any particular Loss or Losses, then that Party shall not be entitled to make any further claim in respect of that Loss or Losses (including any claim for damages).

## 16. Force Majeure

The System Integrator or the PUNJAB POLICE as the case may be, shall be entitled to suspend or excuse performance of its respective obligations under this Agreement to the extent that such performance is impeded by an event of force majeure ("Force Majeure" ).

### 16.1.1 Force Majeure events

A Force Majeure event means any event or circumstance or a combination of events and circumstances referred to in this Clause, which:

- a. is beyond the reasonable control of the affected Party;
- b. such Party could not have prevented or reasonably overcome with the exercise of reasonable skill and care;
- c. does not result from the negligence of such Party or the failure of such Party to perform its obligations under this Agreement;
- d. is of an incapacitating nature and prevents or causes a delay or impediment in performance; and
- e. may be classified as all or any of the following events:

Such events include:

Non-Political Events:

- a. act of God, including earthquake, flood, inundation, landslide, exceptionally adverse weather conditions, storm, tempest, hurricane, cyclone, lightning, thunder, volcanic eruption, fire or other extreme atmospheric conditions;
- b. radioactive contamination or ionizing radiation or biological contamination excepts may be attributable to the System Integrator' s use of radiation or radio-activity or biologically contaminating material;
- c. strikes, lockouts, boycotts, labor disruptions or any other industrial disturbances as the case may be not arising on account of the acts or omissions of the System Integrator and which affect the timely implementation and continued operation of the Project; or
- d. any event or circumstances of a nature analogous to any of the foregoing.

Political Events:

- a. Change in Law, other than any Change in Law for which relief is provided under this Agreement;
- b. expropriation or compulsory acquisition by the PUNJAB POLICE or any of their nominated agencies of any material assets or rights of the Implementing Partner;
- c. unlawful or unauthorized revocation of, or refusal by PUNJAB POLICE or any of their nominated agencies, Gol or any of its agencies to renew or grant any clearance or Required Consents required by the System Integrator to perform its obligations without valid cause, provided that such delay, modification, denial, refusal or revocation did not result from the System Integrator' s inability or failure to comply with any condition relating to grant, maintenance or renewal of such Required Consents applied on a non-discriminatory basis;
- d. any judgment or order of any court of competent jurisdiction or statutory authority in India made against the System Integrator in any proceedings for reasons other than failure of the System Integrator to comply with Applicable Laws or Required Consents or on account of breach thereof, or of any contract, or enforcement of this Agreement or exercise of any of its rights under this Agreement;
- e. expropriation or compulsory acquisition by the PUNJAB POLICE or any of their nominated agencies of any material assets or rights of the System Integrator;
- f. unlawful or unauthorized revocation of, or refusal by any authority other than the PUNJAB POLICE or any of their nominated agencies to renew or grant any Required Consents required by the System Integrator to perform its obligations without valid cause, provided that such delay, modification, denial, refusal or revocation did not result from the System Integrator' s inability or failure to comply with any condition relating to grant, maintenance or renewal of such Required Consents applied on a non-discriminatory basis;
- g. any requisition of the Project by any other authority; or
- h. any requisition of the Project by the PUNJAB POLICE or any of their nominated agencies.
- i. For the avoidance of doubt, suspension of the Project in accordance with the provisions of this Agreement shall not be considered a requisition for the purposes of Force Majeure event.

Other Events:

an act of war (whether declared or undeclared), hostilities, invasion, armed conflict or act of foreign enemy, blockade, embargo, prolonged riot, insurrection, terrorist or military action, civil commotion or politically motivated sabotage, for a continuous period exceeding seven (7) days.

For the avoidance of doubt, it is expressly clarified that the failure on the part of the System Integrator under this Agreement or the SLA to implement any disaster contingency planning and back-up and other data safeguards in accordance with the terms of this Agreement or the SLA against natural disaster, fire, sabotage or other similar occurrence shall not be deemed to be a Force Majeure event.

#### 16.1.2 Notification procedure for Force Majeure

- a. The affected Party shall notify the other Party of a Force Majeure event within seven (7) days of occurrence of such event. If the other Party disputes the claim for relief under Force Majeure it shall give the claiming Party written notice of such dispute within thirty (30) days of such notice. Such dispute shall be dealt with in accordance with the dispute resolution mechanism in accordance with Clause.
- b. Upon cessation of the situation which led the Party claiming Force Majeure, the claiming Party shall within seven (7) days hereof notify the other Party in writing of the cessation and the Parties shall as soon as practicable thereafter continue performance of all obligations under this Agreement.

#### 16.1.3 Allocation of costs arising out of Force Majeure

- a) Upon the occurrence of any Force Majeure Event prior to the Effective Date, the Parties shall bear their respective costs and no Party shall be required to pay to the other Party any costs thereof.
- b) Upon occurrence of a Force Majeure Event after the Effective Date, the costs incurred and attributable to such event and directly relating to the Project ("Force Majeure Costs" ) shall be allocated and paid as follows:

- upon occurrence of a Non-Political Event, the Parties shall bear their respective Force Majeure Costs and neither Party shall be required to pay to the other Party any costs thereof.
- upon occurrence of an Other Event of Force Majeure, all Force Majeure Costs attributable to such Other Event, and not exceeding the Insurance Cover for such Other Event, shall be borne by the Implementing Partner and to the extent Force Majeure costs exceed such Insurance Cover, one half of such excess amount shall be reimbursed by PUNJAB POLICE to the Implementing Partner.
- upon occurrence of a Political Event, all Force Majeure Costs attributable to such Political Event shall be reimbursed by PUNJAB POLICE to the Implementing Partner.
- For the avoidance of doubt, Force Majeure Costs may include interest payments on debt, operation, and maintenance expenses, any increase in the cost of the Services on account of inflation and all other costs directly attributable to the Force Majeure Event.
- Save and except as expressly provided in this Clause, neither Party shall be liable in any manner whatsoever to the other Party in respect of any loss, damage, costs, expense, claims, demands and proceedings relating to or arising out of occurrence or existence of any Force Majeure Event or exercise of any right pursuant hereof.

#### 16.1.4 Consultation and duty to mitigate

Except as otherwise provided in this Clause, the affected Party shall, at its own cost, take all steps reasonably required to remedy and mitigate the effects of the Force Majeure event and restore its ability



to perform its obligations under this Agreement as soon as reasonably practicable. The Parties shall consult with each other to determine the reasonable measures to be implemented to minimize the losses of each Party resulting from the Force Majeure event. The affected Party shall keep the other Parties informed of its efforts to remedy the effect of the Force Majeure event and shall make reasonable efforts to mitigate such event on a continuous basis and shall provide written notice of the resumption of performance hereunder.

## 17. Confidentiality

- a. The PUNJAB POLICE or its nominated agencies shall allow the System Integrator to review and utilize highly confidential public records and the System Integrator shall maintain the highest level of secrecy, confidentiality and privacy with regard thereto.
- b. Additionally, the System Integrator shall keep confidential all the details and information with regard to the Project, including systems, facilities, operations, management and maintenance of the systems/facilities.
- c. The PUNJAB POLICE or its nominated agencies shall retain all rights to prevent, stop and if required take the necessary punitive action against the System Integrator regarding any forbidden disclosure.
- d. The System Integrator shall ensure that all its employees, agents and subcontractors execute individual non disclosure agreements, which have been duly approved by the PUNJAB POLICE with respect to this Project.
- e. For the avoidance of doubt, it is expressly clarified that the aforesaid provisions shall not apply to the following information:
  - information already available in the public domain;
  - information which has been developed independently by the System Integrator;
  - information which has been received from a third party who had the right to disclose the aforesaid information;
  - Information which has been disclosed to the public pursuant to a court order.

## 18. Audit, Access, and Reporting

The System Integrator shall allow access to the PUNJAB POLICE or its nominated agencies to all information which is in the possession or control of the System Integrator and which relates to the provision of the Services as set out in the Audit, Access and Reporting Schedule and which is reasonably required by the PUNJAB POLICE to comply with the terms of the Audit, Access and Reporting Schedule set out as Schedule IV of this Agreement.

## 19. Intellectual Property Rights

### 19.1.1 Products and fixes:

All products and related solutions and fixes provided pursuant to this work order shall be licensed, according to the terms of the license agreement packaged with or otherwise applicable to such product in the name of PUNJAB POLICE. Bidder would be responsible for arranging any licenses associated with products. "Product" means any computer code, web-based services, or materials comprising commercially released, pre-release or beta products (whether licensed for a fee or no charge) and any derivatives of the foregoing which are made available to PUNJAB POLICE for license which is published by product owner or its affiliates, or a third party. "Fixes" means product fixes that are either released generally (such as commercial product service packs) or that are provided to you when performing services (such as workarounds, patches, bug fixes, beta fixes and beta builds) and any derivatives of the foregoing.

### 19.1.2 Customized CAS (State)

SI shall neither hold nor shall claim to have any type of right(s) for the customization made in the Core Application Software (State) or on the additionally developed modules/ applications/ utilities/ APIs including source code and material (including upgrade/ updates/ fixes/ patches/etc.), as done during the implementation of the project and shall always lie with the PUNJAB POLICE.

### 19.1.3 Bespoke development:

The IPR rights for any bespoke development done during the implementation of the project will lie with PUNJAB POLICE.

### 19.1.4 Pre-existing work:

All IPR including the source code and materials (other than products or fixes) developed or otherwise obtained independently of the efforts of a party under this agreement ("pre-existing work") shall remain the sole property of that party. During the performance of the services for this agreement, each party grants to the other party (and their sub-contractors as necessary) a nonexclusive license to use, reproduce and modify any of its pre-existing work provided to the other party solely for the performance of such services. Except as may be otherwise explicitly agreed to in a statement of services, upon payment in full, the bidder should grant PUNJAB POLICE a non-exclusive, perpetual, full use, fully paid-up enterprise edition license(s) to use, reproduce and modify (if applicable) the pre-existing work in the form delivered to PUNJAB POLICE as part of the service deliverables only for its internal business operations.

Under such license either of parties will have no right to sell the pre-existing work of the other party to a Third Party.

PUNJAB POLICE' s license to pre-existing work is conditioned upon its compliance with the terms of this agreement and the perpetual license applies solely to the pre-existing work that bidder leaves with PUNJAB POLICE at the conclusion of performance of the services.

## 20. Miscellaneous

### 20.1.1 Personnel

- a. The personnel assigned by System Integrator to perform the Services shall be employees of System Integrator, and under no circumstances shall such personnel be considered employees of PUNJAB POLICE or its nominated agencies. The System Integrator shall have the sole responsibility for the supervision and control of its personnel and for payment of such personnel' s compensation, including salary, withholding of income taxes and social security taxes, worker' s compensation, employee and disability benefits and the like and shall be responsible for all obligations of an employer subject to Applicable Law.
- b. The System Integrator shall use its best efforts to ensure that sufficient System Integrator personnel are assigned to perform the Services and those personnel have appropriate qualifications to perform the Services. After discussion with System Integrator, PUNJAB POLICE or its nominated agencies shall have the right to require the removal or replacement of any System Integrator personnel performing work under this Agreement. In the event that PUNJAB POLICE or its nominated agencies requests that any System Integrator personnel be replaced, the substitution of such personnel shall be accomplished pursuant to a mutually agreed upon schedule.
- c. The System Integrator shall also be responsible to train certain employees of PUNJAB POLICE, or its nominated agencies with regard to the Services being provided by the System Integrator as and when required by the PUNJAB POLICE or its nominated agencies during the Term of this Project. The parameters of the training required for these employees of PUNJAB POLICE or its nominated agencies shall be communicated by PUNJAB POLICE or its nominated agencies to the System Integrator periodically and shall be in accordance with the latest procedures and processes available in the relevant areas of work.
- d. In the event that the PUNJAB POLICE or its nominated agencies identifies any personnel of System Integrator as "Key Personnel", then neither the System Integrator shall remove such personnel from the PUNJAB POLICE or its nominated agencies engagement without the prior written consent of

PUNJAB POLICE or its nominated agencies unless such removal is the result of an unavoidable circumstance including but not limited to resignation, termination, medical leave, etc.

- e. Except as stated in this Clause, nothing in this Agreement or the SLA will limit the ability of System Integrator to freely assign or reassign its employees; provided that System Integrator shall be responsible, at its expense, for transferring all appropriate knowledge from personnel being replaced to their replacements. PUNJAB POLICE or its nominated agencies shall have the right to review and approve System Integrator's plan for any such knowledge transfer. System Integrator shall maintain the same or higher standards for skills and professionalism among replacement personnel as in personnel being replaced.
- f. Each Party shall be responsible for the performance of all its obligations under this Agreement or the SLA as the case may be and shall be liable for the acts and omissions of its employees and agents in connection therewith.
- g. Neither Party will solicit for employment nor knowingly hire an employee of the other Party with whom such Party has contact pursuant to project engagements under this Agreement. This restriction shall not apply to employees of either Party responding to advertisements in job fairs or news media circulated to the general public.

#### 20.1.2. Independent Contractor

Nothing in this Agreement or the SLA shall be construed as establishing or implying any partnership or joint venture between the Parties to this Agreement or the SLA and, except as expressly stated in this Agreement or the SLA, nothing in this Agreement or the SLA shall be deemed to constitute any Parties as the agent of any other Party or authorizes either Party to:

- a. incur any expenses on behalf of the other Party;
- b. enter into any engagement or make any representation or warranty on behalf of the other Party;
- c. pledge the credit of or otherwise bind or oblige the other Party; or
- d. Commit the other Party in any way whatsoever without in each case obtaining the other Party's prior written consent.

#### 20.1.3. Sub-contractors

System Integrator shall not subcontract any work related to the Data Recovery Centre, Data Centre, Security, etc. and other Core activities to be performed under this Agreement without PUNJAB POLICE's prior written consent. However the System Integrator shall provide the list of all the other services planned to be sub contracted with the Technical proposal. It is clarified that the System Integrator shall be

the principal employer for all claims arising from the liabilities statutory or otherwise, concerning the sub-contractors. The System Integrator undertakes to indemnify the PUNJAB POLICE or its nominated agencies from any claims on the grounds stated hereinabove.

#### 20.1.4. Assignment

- a. All terms and provisions of this Agreement shall be binding on and shall inure to the benefit of the PUNJAB POLICE and their respective successors and permitted assigns.
- b. Subject to Clause 9 above, the System Integrator shall not be permitted to assign its rights and obligations under this Agreement to any third party.
- c. The PUNJAB POLICE may assign or novate all or any part of this Agreement and Schedules/Annexure, and the System Integrator shall be a party to such novation, to any third party contracted to provide outsourced services to PUNJAB POLICE or any of its nominees.

#### 20.1.5. Trademarks, Publicity

Neither Party may use the trademarks of the other Party without the prior written consent of the other Party. Except as required by law or the rules and regulations of each stock exchange upon which the securities of one of the Parties is listed, neither Party shall publish or permit to be published either along or in conjunction with any other person any press release, information, article, photograph, illustration or any other material of whatever kind relating to this Agreement, the SLA or the business of the Parties without prior reference to and approval in writing from the other Party, such approval not to be unreasonably withheld or delayed provided however that System Integrator may include PUNJAB POLICE or its PUNJAB POLICE lists for reference to third parties subject to the prior written consent of PUNJAB POLICE not to be unreasonably withheld or delayed. Such approval shall apply to each specific reference and relate only to that reference.

#### 20.1.6. Notices

- a. Any notice or other document which may be given by either Party under this Agreement or under the SLA shall be given in writing in person or by pre-paid recorded delivery post, email or by facsimile transmission.
- b. In relation to a notice given under this Agreement, any such notice or other document shall be addressed to the other Party' s principal or registered office address as set out below:

The IGP  
Nodal Officer, CCTNS Project,  
Punjab Police Headquarters,  
Chandigarh

Tel:  
Fax:  
Email:  
Contact:

With a copy to:

System Integrator: " \_\_\_\_\_ "

Tel:  
Fax:  
Email:  
Contact:

- c. In relation to a notice given under the Agreement / SLA, a Party shall specify the Parties• address for service of notices, any such notice to be copied to the Parties at the addresses set out in this Clause.
- d. Any such notice or other document shall be deemed to have been given to the other Party (or, if relevant, its relevant associated company) when delivered (if delivered in person) if delivered between the hours of 9.00 am and 5.00 pm at the address of the other Party set forth above or if sent by fax, provided the copy fax is accompanied by a confirmation of transmission, or on the next working day thereafter if delivered outside such hours, and 7 days from the date of posting (if by letter).
- e. Either Party to this Agreement or to the SLA may change its address, telephone number, facsimile number and nominated contact for notification purposes by giving the other reasonable prior written notice of the new information and its effective date

#### 20.1.7. Variations and Further Assurance

- a. No amendment, variation or other change to this Agreement or the SLA shall be valid unless authorized in accordance with the change control procedure as set out in the Change Control Schedule set out in Schedule II of this Agreement. Such amendment shall be made in writing and signed by the duly authorized representatives of the Parties to this Agreement or the SLA.
- b. Each Party to this Agreement or the SLA agrees to enter into or execute, without limitation, whatever other agreement, document, consent and waiver and to do all other things which shall or may be reasonably required to complete and deliver the obligations set out in this Agreement or the SLA.

#### 20.1.8. Severability and Waiver

- a. If any provision of this Agreement or the SLA, or any part thereof, shall be found by any court or administrative body of competent jurisdiction to be illegal, invalid or unenforceable the illegality, invalidity or unenforceability of such provision or part provision shall not affect the other provisions of this Agreement or the SLA or the remainder of the provisions in question which shall remain in full force and effect. The relevant Parties shall negotiate in good faith in order to agree to substitute for any illegal, invalid or unenforceable provision a valid and enforceable provision which achieves to the greatest extent possible the economic, legal and commercial objectives of the illegal, invalid or unenforceable provision or part provision.
- b. No failure to exercise or enforce and no delay in exercising or enforcing on the part of either Party to this Agreement or the SLA of any right, remedy or provision of this Agreement or the SLA shall operate as a waiver of such right, remedy or provision in any future application nor shall any single or partial exercise or enforcement of any right, remedy or provision preclude any other or further exercise or enforcement of such right, remedy or provision or the exercise or enforcement of any other right, remedy or provision.

#### 20.1.9. Compliance with Applicable Law

Each Party to this Agreement and the SLA accepts that its individual conduct shall (to the extent applicable to it) at all times comply with all laws, rules and regulations of government and other bodies having jurisdiction over the area in which the Services are undertaken provided that changes in such laws, rules and regulations which result in a change to the Services shall be dealt with in accordance with the Change Control Schedule set out in Schedule II of this Agreement. For the avoidance of doubt the obligations of the Parties to this Agreement and the SLA are subject to their respective compliance with all local, state, national, supra-national, foreign and international laws and regulations.

#### 20.1.10. Professional Fees

All expenses incurred by or on behalf of each Party to this Agreement and the SLA, including all fees of agents, legal advisors, accountants, and actuaries employed by either of the Parties in connection with the negotiation, preparation, and execution of this Agreement or the SLA shall be borne solely by the respective Party which incurred them.

#### 20.1.11. Ethics

The System Integrator represents, warrants and covenants that it has given no commitments, payments, gifts, kickbacks, lavish or expensive entertainment, or other things of value to any employee or agent of PUNJAB POLICE or its nominated agencies in connection with this agreement and acknowledges that the



giving of any such payment, gifts, entertainment, or other things of value is strictly in violation of PUNJAB POLICE standard policies and may result in cancellation of this Agreement, or the SLA.

#### 20.1.12. Entire Agreement

This Agreement and the SLA with all schedules & annexure appended thereto and the contents and specifications of the Volumes I and II of the RFP constitute the entire agreement between the Parties with respect to their subject matter, and as to all other representations, understandings or agreements which are not fully expressed herein, provided that nothing in this Clause shall be interpreted so as to exclude any liability in respect of fraudulent misrepresentation.

#### 20.1.13. Amendment

Any amendment to this Agreement shall be made in accordance with the Change Control Schedule set out in Schedule II of this Agreement by mutual written consent of all the Parties.

### 21. Dispute Resolution

- a) Any dispute arising out of or in connection with this Agreement or the SLA shall in the first instance be dealt with in accordance with the escalation procedure as set out in the Governance Schedule set out as Schedule V of this Agreement.
- b) Any dispute or difference whatsoever arising between the parties to this Contract out of or relating to the construction, meaning, scope, operation or effect of this Contract or the validity of the breach thereof shall be referred to a sole Arbitrator to be appointed by PUNJAB POLICE only. If the System Integrator cannot agree on the appointment of the Arbitrator within a period of one month from the notification by one party to the other of existence of such dispute, then the ultimate Arbitrator shall be designated authority by Punjab Police. The provisions of the Arbitration and Conciliation Act, 1996 will be applicable and the award made there under shall be final and binding upon the parties hereto, subject to legal remedies available under the law. Such differences shall be deemed to be a submission to arbitration under the Indian Arbitration and Conciliation Act, 1996, or of any modifications, Rules or re-enactments thereof. The Arbitration proceedings will be held at Chandigarh, India. Any legal dispute will come under Punjab State jurisdiction.

IN WITNESS WHEREOF THE PARTIES HERETO HAVE HERE UNTO SET THEIR RESPECTIVE HANDS THE DAY AND THE YEAR FIRST ABOVE WRITTEN.

For and on behalf of Punjab Police, PPHQ, Chandigarh

Signature \_\_\_\_\_  
Name \_\_\_\_\_  
Designation \_\_\_\_\_  
Date \_\_\_\_\_

For and on behalf of System Integrator:-

Signature \_\_\_\_\_  
Name \_\_\_\_\_  
Designation \_\_\_\_\_  
Date \_\_\_\_\_

WITNESSES:-

1. Signature \_\_\_\_\_  
Name \_\_\_\_\_  
Designation \_\_\_\_\_  
Date \_\_\_\_\_

2. Signature \_\_\_\_\_  
Name \_\_\_\_\_  
Designation \_\_\_\_\_  
Date \_\_\_\_\_

22. Schedules

22.1. Schedule – 1(Definition)

Adverse Effect	means material adverse effect on: (a) the ability of the System Integrator to exercise any of its rights or perform/discharge any of its duties/obligations under and in accordance with the provisions of this Agreement and/or (b) the legal validity, binding nature or enforceability of this Agreement;
Agreement	means this Master Services Agreement, Service Level Agreement and Non-Disclosure Agreement together with all Articles, Annexure, Schedules and the contents and specifications of the Volumes I and II of the RFP;
Applicable Law(s)	means any statute, law, ordinance, notification, rule, regulation, judgment, order, decree, bye-law, approval, directive, guideline, policy, requirement or other governmental restriction or any similar form of decision of, or determination by, or any interpretation or administration of the Punjab Police as may be in effect on the date of the execution of this Agreement and during the subsistence thereof, applicable to the Project;
Assets	shall have the same meaning ascribed to it in Clause 11.1.6 (a)
Software	means the software (including CAS (State)) designed, developed / customized, tested and deployed by the System Integrator for the purposes of the Project and includes the source code (in case of Bespoke development) along with associated documentation, which is the work product of the development efforts involved in the Project and the improvements and enhancements effected during the term of the Project, but does not include the proprietary software components and tools deployed by the System Integrator;
Business Hours	shall mean the working time for Punjab Police which is 09:00 AM to 05:00 PM. Again for Servers and other components which enable successful usage of CCTNS solution the working time should be considered as 24 hours for all the days of the week. It is desired that IT maintenance, other batch processes (like backup) etc. should be planned so that such backend activities have minimum effect on the performance;
Confidential Information	means all information including Punjab Police Data (whether in written, oral, electronic or other format) which relates to the technical, financial and business affairs, which is disclosed to or otherwise learned by the

	System Integrator in the course of or in connection with this Agreement (including without limitation such information received during negotiations, location visits and meetings in connection with this Agreement);
Control	means, in relation to any business entity, the power of a person to secure:  (i) by means of the holding of shares or the possession of voting power in or in relation to that or any other business entity, or  (ii) by virtue of any powers conferred by the articles of association or other document regulating that or any other business entity, that the affairs of the first mentioned business entity are conducted in accordance with that person's wishes and in relation to a partnership, means the right to a share of more than one half of the assets, or of more than one half of the income, of the partnership;
CCTNS Solution	Shall comprise of software, hardware and networking components Used for implementation of CCTNS project in Punjab Police
Deliverables	means the products, infrastructure and services agreed to be delivered by the System Integrator in pursuance of the agreement as defined more elaborately in Volume I and Volume II of the RFP, Implementation and the Maintenance phases and includes all documents related to the user manual, technical manual, design, process and operating manuals, service mechanisms, policies and guidelines (such as security related, data migration related), inter alia payment and/or process related etc., source code and all its modifications;
Effective Date	shall have the same meaning ascribed to it in Clause 14 (iv)
Punjab Police Data	means all proprietary data of the department or its nominated agencies generated out of operations and transactions, documents all taxpayers data and related information including but not restricted to user data which the System Integrator obtains, possesses or processes in the context of providing the Services to the users pursuant to this Agreement;
Final Acceptance Test	shall be conducted on completion of the following:  1) CCTNS Solution deployed and Operational at Data Center

	<p>2) Deployment &amp; operational hardware and networking at requisite locations,</p> <p>3) UAT of the overall integrated solution.</p>
Final Testing and Certification Agency	shall have the same meaning ascribed to it in Clause 10
Force Majeure Costs	shall have the same meaning ascribed to it in Clause 16.1.3
Gol	means the Government of India;
Indemnifying Party	shall have the same meaning ascribed to it in Clause 15
Intellectual Property Rights	means all rights in written designs and copyrights, moral rights, rights in databases and Bespoke Software/ CAS (State)/ Pre-existing work including its up-gradation systems and compilation rights (whether or not any of these are registered and including application for registration);
Insurance Cover	means the aggregate of the maximum sums insured under the insurances taken out by the System Integrator and when used in the context of any act or event, it shall mean the aggregate of the maximum sums insured and payable in relation to such act or event;
Material Breach	means a breach by either Party (PUNJAB POLICE or System Integrator) of any of its obligations under this Agreement which has or is likely to have an Adverse Effect on the Project which such Party shall have failed to cure;
Parties	<p>means PUNJAB POLICE and System Integrator for the purposes of this Agreement</p> <p>and "Party" shall be interpreted accordingly;</p>
Performance Guarantee	Means the guarantee of 10% of value of the contract in the form of a Bank Guarantee as per the format provided in this RFP from Indian Public Sector Banks or Private Sector Banks authorized by the Government to conduct Government transaction. At present HDFC Bank, ICICI Bank and AXIS Bank are the only three private sector banks authorized by the Government.

Planned Application Downtime	means the unavailability of the application services due to maintenance activities such as configuration changes, up-gradation or changes to any supporting infrastructure wherein prior intimation (at least two working days in advance) of such planned outage shall be given and approval sought from the PUNJAB POLICE as applicable;
Planned network outage	means the unavailability of the network services due to infrastructure maintenance activities such as configuration changes, up-gradation or changes to any supporting infrastructure. Prior intimation of such planned outage shall be given and approval sought from the PUNJAB POLICE as applicable and shall be notified at least two working days;
Project	means Pilot, Project Implementation (roll out) and Maintenance in terms of the Agreement;
Project Implementation	means Project Implementation as per the testing standards and acceptance criteria prescribed by PUNJAB POLICE or its nominated agencies;
Project Implementation Phase	shall be from the Effective Date of the Agreement to the date of final acceptance testing & certification as set out in this Agreement;
State Project Monitoring Unit (SPMU)	shall be constituted by each state to monitor the activities, deliverables and progress of the Project. SPMU may comprise of the staff members of the PUNJAB POLICE or may be a team of external experts (as defined in the RFP Volume 1);
Project Timelines	shall have the same meaning ascribed to in Annexure C;
Replacement System Integrator	means any third party that PUNJAB POLICE or its nominated agencies appoint to replace System Integrator upon expiry of the Term or termination of this Agreement to undertake the Services or part thereof;
Required Consents	means the consents, waivers, clearances and licenses to use PUNJAB POLICE's Intellectual Property Rights, rights and other authorizations as may be required to be obtained for the software and other items that PUNJAB POLICE or their nominated agencies are required to make available to System Integrator pursuant to this Agreement;
Services	means the services delivered to the Stakeholders of PUNJAB POLICE or its nominated agencies, employees of PUNJAB POLICE or its nominated

	agencies, and to professionals, using the tangible and intangible assets created, procured, installed, managed and operated by the System Integrator including the tools of information and communications technology and includes but is not limited to the list of services specified in Annexure B;
SLA	means the Performance and Maintenance SLA executed as part of this Draft Agreement;
Stakeholders	Term stakeholders shall cover Citizens/ Citizens groups, MHA/NCRB/Others, State Police department, CID, CBI, External Departments of the State such as Jails, Courts, Passport Office, Transport Department and Hospitals etc., Non-Government/Private sector organizations
Third Party Systems	means systems (or any part thereof) in which the Intellectual Property Rights are not owned by the PUNJAB POLICE or System Integrator and to which System Integrator has been granted a license to use and which are used in the provision of Services;
Unplanned Application Downtime	means the total time for all the instances where services in the software requirement specification document prepared by the System Integrator are not available for more than 15 consecutive minutes;
Network	in PUNJAB POLICE users refers to all the IT assets installed or maintained by the System Integrator as part of the Project for networking;
Unplanned network outage	means the total time for all the instances where services in the software requirement specification document prepared by the System Integrator are not available for more than 15 consecutive minutes;
Application	means the software application developed as a part of scope of work set out in Clause 5
Application Downtime	means the time for which user/s is not able to access the application. However, in calculating downtime, scheduled downtime (for example, backup time, batch processing time, routine maintenance time) would not be considered;
Network Uptime	Shall mean as defined in Service Level Agreement
Warranty / AMC Period	shall be counted five years from the date of successful completion of Successful implementation / Go-Live

## 22.2. Schedule – II: Change Control Schedule

This Schedule describes the procedure to be followed in the event of any proposed change to the Agreement, Project Implementation Phase, SLA and Scope of Work and Functional Requirement Specifications. Such change shall include, but shall not be limited to, changes in the scope of services provided by the System Integrator and changes to the terms of payment as stated in the Terms of Payment Schedule. Changes proposed for amendments/ modifications in the CCTNS application shall be eligible under this schedule only after completion of one year handholding support post Go-Live of the complete CCTNS solution in the State.

The PUNJAB POLICE and SI recognize that frequent change is an inevitable part of delivering services and that a significant element of this change can be accomplished by re-organizing processes and responsibilities without a material effect on the cost. The SI will endeavor, wherever reasonably practicable, to effect change without an increase in the terms of payment as stated in the Terms of Payment Schedule and PUNJAB POLICE or its nominated agencies will work with the System Integrator to ensure that all changes are discussed and managed in a constructive manner. This Change Control Schedule sets out the provisions which will apply to all the changes to this agreement and other documents except for the changes in SLAs for which a separate process has been laid out.

This Change Control Schedule sets out the provisions which will apply to changes to the Agreement

### 22.2.1 Change Management Process

#### a) Change Control Note ("CCN")

1. Change requests in respect of the Agreement, the Project Implementation, the operation, the SLA or Scope of work and Functional Requirement specifications will emanate from the Parties' respective Project Manager who will be responsible for obtaining approval for the change and who will act as its sponsor throughout the Change Control Process and will complete Part A of the CCN attached as Annexure A hereto. CCNs will be presented to the other Party's Project Manager who will acknowledge receipt by signature of the CCN.
2. The SI and the PUNJAB POLICE or its nominated agencies, during the Project Implementation Phase and the PUNJAB POLICE or its nominated agencies during the Operations and Management Phase and while preparing the CCN, shall consider the change in the context of the following parameter, namely whether the change is beyond the scope of Services including ancillary and concomitant services required and as detailed in Volume I of the RFP and is suggested and applicable only after the testing, commissioning and certification of the Pilot Phase and the Project Implementation Phase as set out in this Agreement.



3. It is hereby also clarified here that any change of control suggested beyond 15 % of the value of this Project will be beyond the scope of the change control process and will be considered as the subject matter for a separate bid process and a separate contract. It is hereby clarified that the 15% of the value of the Project as stated in herein above is calculated on the basis of bid value submitted by the System Integrator and accepted by the PUNJAB POLICE or its nominated agencies or as decided and approved by PUNJAB POLICE or its Nominated Agencies. For arriving at the cost / rate for change up to 15% of the project value, the payment terms and relevant rates as specified in Annexure D shall apply.

b) Quotation:

The SI shall assess the CCN and complete Part B of the CCN, in completing the Part B of the CCN the SI shall provide as a minimum:

- 1) a description of the change
- 2) a list of deliverables required for implementing the change;
- 3) a time table for implementation;
- 4) an estimate of any proposed change
- 5) any relevant acceptance criteria
- 6) an assessment of the value of the proposed change;
- 7) Material evidence to prove that the proposed change is not already covered within the Agreement and the scope of work.

l) Prior to submission of the completed CCN to the PUNJAB POLICE, or its nominated agencies, the Service Provider will undertake its own internal review of the proposal and obtain all necessary internal approvals. As a part of this internal review process, the SI shall consider the materiality of the proposed change in the context of the Agreement and the Project Implementation affected by the change and the total effect that may arise from implementation of the change.

c) Costs

Each Party shall be responsible for its own costs incurred in the quotation, preparation of CCNs and in the completion of its obligations described in this process provided the SI meets the obligations as set in the CCN. In the event the SI is unable to meet the obligations as defined in the CCN then the cost of getting it done by third party will be borne by the SI.

d) Obligations

The SI shall be obliged to implement any proposed changes once approval in accordance with above provisions has been given, with effect from the date agreed for implementation and within an agreed timeframe.

## 22.3 Schedule – III: Exit Management Schedule

### 22.3.1. Purpose

- a. This Schedule sets out the provisions, which will apply on expiry or termination of the Agreement, the Project Implementation, Operation, and Management SLA.
- b. In the case of termination of the Project Implementation and/or Operation and Management, the Parties shall agree at that time whether, and if so during what period, the provisions of this Schedule shall apply.
- c. The Parties shall ensure that their respective associated entities carry out the irrespective obligations set out in this Exit Management Schedule.

### 22.3.2. Transfer of Assets

- a. PUNJAB POLICE shall be entitled to serve notice in writing on the SI at any time during the exit management period as detailed hereinabove requiring the SI and/or its subcontractors to provide the PUNJAB POLICE with a complete and up to date list of the Assets within 30 days of such notice. PUNJAB POLICE shall then be entitled to serve notice in writing on the SI at any time prior to the date that is 30 days prior to the end of the exit management period requiring the SI to sell the Assets, if any, to be transferred to PUNJAB POLICE or its nominated agencies at book value as determined as of the date of such notice in accordance with the provisions of relevant laws.
- b. In case of contract being terminated by PUNJAB POLICE, PUNJAB POLICE reserves the right to ask SI to continue running the project operations for a period of 6 months after termination orders are issued.
- c. Upon service of a notice under this Article the following provisions shall apply:
  1. in the event, if the Assets to be transferred are mortgaged to any financial institutions by the SI, the SI shall ensure that all such liens and liabilities have been cleared beyond doubt, prior to such transfer. All documents regarding the discharge of such lien and liabilities shall be furnished to the PUNJAB POLICE.
  2. All risk in and title to the Assets to be transferred / to be purchased by the PUNJAB POLICE pursuant to this Article shall be transferred to PUNJAB POLICE, on the last day of the exit management period.
  3. PUNJAB POLICE shall pay to the SI on the last day of the exit management period such sum representing the Net Block (procurement price less depreciation as per provisions of Companies Act) of the Assets to be transferred as stated in the Terms of Payment Schedule.
  4. Payment to the outgoing SI shall be made to the tune of last set of completed services / deliverables, subject to SLA requirements.

5. The outgoing SI will pass on to PUNJAB POLICE and/or to the Replacement SI, the subsisting rights in any leased properties/ licensed products on terms not less favorable to PUNJAB POLICE/ Replacement SI, than that enjoyed by the outgoing SI.

#### 22.3.3. Cooperation and Provision of Information

- a) During the exit management period:
  - a. The System Integrator will allow the PUNJAB POLICE or its nominated agency access to information reasonably required to define the then current mode of operation associated with the provision of the services to enable the PUNJAB POLICE to assess the existing services being delivered;
  - b. promptly on reasonable request by the PUNJAB POLICE, the SI shall provide access to and copies of all information held or controlled by them which they have prepared or maintained in accordance with this agreement relating to any material aspect of the services (whether provided by the System Integrator or sub contractors appointed by the System Integrator). The PUNJAB POLICE shall be entitled to copy of all such information. Such information shall include details pertaining to the services rendered and other performance data. The System Integrator shall permit the PUNJAB POLICE or its nominated agencies to have reasonable access to its employees and facilities as reasonably required to understand the methods of delivery of the services employed by the System Integrator and to assist appropriate knowledge transfer.

#### 22.3.4. Confidential Information, Security and Data

- a. The System Integrator will promptly on the commencement of the exit management period supply to the PUNJAB POLICE or its nominated agency the following:
  1. information relating to the current services rendered and customer and performance data relating to the performance of sub contractors in relation to the services;
  2. documentation relating to Project' s Intellectual Property Rights;
  3. documentation relating to sub-contractors;
  4. all current and updated data as is reasonably required for purposes of PUNJAB POLICE or its nominated agencies transitioning the services to its Replacement System Integrator in a readily available format nominated by the PUNJAB POLICE, or its nominated agency;
  5. all other information (including but not limited to documents, records and agreements) relating to the services reasonably necessary to enable PUNJAB POLICE or its nominated agencies, or its Replacement System Integrator to carry out due diligence in order to transition the provision of the Services to PUNJAB POLICE or its nominated agencies, or its Replacement System Integrator (as the case may be).

- b) Before the expiry of the exit management period, the System Integrator shall deliver to the PUNJAB POLICE or its nominated agency all new or up-dated materials from the categories set out in Schedule above and shall not retain any copies thereof, except that the System Integrator shall be permitted to retain one copy of such materials for archival purposes only.
- c) Before the expiry of the exit management period, unless otherwise provided under the Agreement, the PUNJAB POLICE or its nominated agency shall deliver to the System Integrator all forms of System Integrator confidential information, which is in the possession or control of PUNJAB POLICE or its nominated agency.

#### 22.3.5. Employees

- a. Promptly on reasonable request at any time during the exit management period, the System Integrator shall, subject to applicable laws, restraints and regulations (including in particular those relating to privacy) provide to the PUNJAB POLICE or its nominated agency a list of all employees (with job titles) of the System Integrator dedicated to providing the services at the commencement of the exit management period.
- b. Where any national, regional law or regulation relating to the mandatory or automatic transfer of the contracts of employment from the System Integrator to the PUNJAB POLICE or its nominated agency, or a Replacement System Integrator ("Transfer Regulation") applies to any or all of the employees of the System Integrator, then the Parties shall comply with their respective obligations under such Transfer Regulations.
- c. To the extent that any Transfer Regulation does not apply to any employee of the System Integrator, department, or its Replacement System Integrator may make an offer of employment or contract for services to such employee of the System Integrator and the System Integrator shall not enforce or impose any contractual provision that would prevent any such employee from being hired by the SPMU or any Replacement System Integrator.

#### 22.3.6. Transfer of Certain Agreements

On request by the PUNJAB POLICE or its nominated agency the System Integrator shall effect such assignments, transfers, licenses and sub-licenses as the President, PUNJAB POLICE may require the same in the name of IGP, Nodal Officer, CCTNS, PUNJAB POLICE, PPHQ, Chandigarh or its Replacement System Integrator in relation to any equipment lease, maintenance or service provision agreement between System Integrator and third party licensor, vendors, and which are related to the services and reasonably necessary for the carrying out of replacement services by the PUNJAB POLICE or its nominated agency or its Replacement System Integrator.

#### 22.3.7. Rights of Access to Premises

- a. At any time during the exit management period, where Assets are located at the System Integrator's premises, the System Integrator will be obliged to give reasonable rights of access to (or, in the case of Assets located on a third party's premises, procure reasonable rights of access to) the PUNJAB POLICE or its nominated agency and/or any Replacement System Integrator in order to make an inventory of the Assets.
- b. The System Integrator shall also give the PUNJAB POLICE or its nominated agency or its nominated agencies, or any Replacement System Integrator right of reasonable access to the System Integrator's premises and shall procure the PUNJAB POLICE or its nominated agency or its nominated agencies and any Replacement System Integrator rights of access to relevant third party premises during the exit management period and for such period of time following termination or expiry of the Agreement as is reasonably necessary to migrate the services to the PUNJAB POLICE or its nominated agency, or a Replacement System Integrator.

#### 22.3.8. General Obligations of the System Integrator

- a. The System Integrator shall provide all such information as may reasonably be necessary to effect as seamless a handover as practicable in the circumstances to the PUNJAB POLICE or its nominated agency or its Replacement System Integrator and which the System Integrator has in its possession or control at any time during the exit management period.
- b. For the purposes of this Schedule, anything in the possession or control of any System Integrator, associated entity, or sub contractor is deemed to be in the possession or control of the System Integrator.
- c. The System Integrator shall commit adequate resources to comply with its obligations under this Exit Management Schedule.

#### 22.3.9. Exit Management Plan

- a. The System Integrator shall provide the PUNJAB POLICE or its nominated agency with a recommended exit management plan ("Exit Management Plan") which shall deal with at least the following aspects of exit management in relation to the Agreement as a whole and in relation to the Project Implementation, and the Operation and Management SLA.
  - 1) A detailed program of the transfer process that could be used in conjunction with a Replacement System Integrator including details of the means to be used to ensure continuing provision of the

services throughout the transfer process or until the cessation of the services and of the management structure to be used during the transfer;

- 2) plans for the communication with such of the System Integrator's sub contractors, staff, suppliers, customers and any related third party as are necessary to avoid any material detrimental impact on the PUNJAB POLICE's operations as a result of undertaking the transfer;
- 3) (if applicable) proposed arrangements for the segregation of the System Integrator's networks from the networks employed by PUNJAB POLICE and identification of specific security tasks necessary at termination;
- 4) Plans for provision of contingent support to PUNJAB POLICE and Replacement System Integrator for a reasonable period after transfer.

- i. The System Integrator shall re-draft the Exit Management Plan annually thereafter to ensure that it is kept relevant and up to date.
- ii. Each Exit Management Plan shall be presented by the System Integrator to and approved by the PUNJAB POLICE or its nominated agencies.
- iii. The terms of payment as stated in the Terms of Payment Schedule includes the costs of the System Integrator complying with its obligations under this Schedule.
- iv. In the event of termination or expiry of Agreement, and Project Implementation, each Party shall comply with the Exit Management Plan.
- v. During the exit management period, the System Integrator shall use its best efforts to deliver the services.
- vi. Payments during the Exit Management period shall be made in accordance with the Terms of Payment Schedule.
- vii. This Exit Management plan shall be furnished in writing to the PUNJAB POLICE or its nominated agencies within 90 days from the Effective Date of this Agreement.

#### 22.4 Schedule – IV: Audit, Access and Reporting

##### Purpose

This Schedule details the audit, access and reporting rights and obligations of the PUNJAB POLICE or its nominated agency and the System Integrator.

#### 22.4.1 Audit Notice and Timing

- i. As soon as reasonably practicable after the Effective Date, the Parties shall use their best endeavors to agree to a timetable for routine audits during the Project Implementation Phase and the Operation and Management Phase. Such timetable during the Implementation Phase, the PUNJAB POLICE or its nominated agency and thereafter during the operation Phase, the PUNJAB POLICE or its nominated agency shall conduct routine audits in accordance with such agreed timetable and shall not be required to give the System Integrator any further notice of carrying out such audits.
- ii. The PUNJAB POLICE or its nominated agency may conduct non-timetabled audits at his/ her own discretion if they reasonably believes that such non-timetabled audits are necessary as a result of an act of fraud by the System Integrator, a security violation, or breach of confidentiality obligations by the System Integrator, provided that the requirement for such an audit is notified in writing to the System Integrator a reasonable period time prior to the audit (taking into account the circumstances giving rise to the reasonable belief) stating in a reasonable level of detail the reasons for the requirement and the alleged facts on which the requirement is based. If the System Integrator considers that the non-timetabled audit was not appropriate, the matter shall be referred to the escalation procedure as set out in the Governance Schedule.
- iii. The frequency of audits shall be half yearly, provided always that the PUNJAB POLICE or its nominated agency shall endeavor to conduct such audits with the lowest levels of inconvenience and disturbance practicable being caused to the System Integrator.

#### 22.4.2 Access

The System Integrator shall provide to the PUNJAB POLICE or its nominated agency reasonable access to employees, subcontractors, suppliers, agents and third party facilities as detailed in Volume I & II of the RFP, documents, records and systems reasonably required for audit and shall provide all such persons with routine assistance in connection with the audits and inspections. The SPMU/ PUNJAB POLICE or its nominated agency shall have the right to copy and retain copies of any relevant records. The System Integrator shall make every reasonable effort to co-operate with them.

#### 22.4.3 Audit Rights

- i. The PUNJAB POLICE or its nominated agency shall have the right to audit and inspect suppliers, agents and third party facilities (as detailed in Volume I of the RFP), data centers, documents, records, procedures and systems relating to the provision of the services, but only to the extent that they relate to the provision of the services, as shall be reasonably necessary to verify:

1. The security, integrity and availability of all data processed, held or conveyed by the Partner on behalf of PUNJAB POLICE and documentation related thereto;
2. That the actual level of performance of the services is the same as specified in the SLA;
3. That the System Integrator has complied with the relevant technical standards, and has adequate internal controls in place; and
4. The compliance of the System Integrator with any other obligation under the Agreement and SLA.
5. Security audit and implementation audit of the system shall be done once each year, the cost of which shall be borne by the System Integrator.
6. For the avoidance of doubt the audit rights under this Schedule shall not include access to the System Integrator's profit margins or overheads associated with any obligation under the Agreement.

#### 22.4.4 Audit Rights of Sub-Contractors, Suppliers and Agents

- i. The System Integrator shall use reasonable endeavors to achieve the same audit and access provisions as defined in this Schedule with sub-contractors, suppliers, and agents who supply labor, services, equipment, or materials in respect of the services. The System Integrator shall inform the PUNJAB POLICE or its nominated agency prior to concluding any sub-contract or supply agreement of any failure to achieve the same rights of audit or access.
- ii. REPORTING: The System Integrator will provide quarterly reports to the PUNJAB POLICE or its nominated agency regarding any specific aspects of the Project and in context of the audit and access information as required by the PUNJAB POLICE or its nominated agency.

#### 22.4.5 Action and Review

- i. Any change or amendment to the systems and procedures of the System Integrator, or subcontractors, where applicable arising from the audit report shall be agreed within thirty (30) calendar days from the submission of the said report.
- ii. Any discrepancies identified by any audit pursuant to this Schedule shall be immediately notified to the PUNJAB POLICE or its nominated agency and the System Integrator's Project Manager in consultation with PUNJAB POLICE, shall determine what action should be taken in respect of such discrepancies in accordance with the terms of the Agreement.

#### 22.4.6 Terms of Payment

The System Integrator shall bear all the cost of any audits and inspections. The terms of payment are inclusive of any costs of the System Integrator and the sub-contractor, for all reasonable assistance and



information provided under the Agreement, the Project Implementation, Operation, and Management SLA by the System Integrator pursuant to this Schedule.

#### 22.4.7 Records and Information

For the purposes of audit in accordance with this Schedule, the System Integrator shall maintain true and accurate records in connection with the provision of the services and the System Integrator shall handover all the relevant records and documents upon the termination or expiry of the Agreement.

#### 22.5 Schedule – V: Governance Schedule Purpose

a) The purpose of this Schedule is to:

1. Establish and maintain the formal and informal processes for managing the relationship between the PUNJAB POLICE and the System Integrator (including the outputs from other Schedules to this Agreement);
2. Define the principles that both Parties wish to follow to ensure the delivery of the Services;
3. Ensure the continued alignment of the interests of the Parties;
4. Ensure that the relationship is maintained at the correct level within each Party;
5. Create the flexibility to revise and maintain the relationship and this Agreement during the Term;
6. Set out the procedure for escalating disagreements; and
7. Enable contract administration and performance management.

##### 22.5.1 Governance Structure

- a. Project Managers: The relationship under this Agreement will be managed by the Project Managers appointed by each Party, who will provide the interface between the executive management of the respective Parties.
- b. Project Implementation Unit (PIU): In addition the Governance Structure defined in the RFP Volume I, Within 7 days following the Effective Date, PUNJAB POLICE or its nominated agencies and the System Integrator shall form a joint Project Implementation Unit comprising of members from each party, and each party shall appoint a Project Manager. In the event that either Party wishes to substitute its Project Manager it will do so in manner in which the original appointment is made and notify the other Party of such substitution as soon as reasonably practicable but at the latest within 7 days of the substitution.
- c. The Project Managers shall have responsibility for maintaining the interface and communication between the Parties.

- d. The PIU will meet formally on a fortnightly / monthly / quarterly, as required, basis at a time and location to be agreed between them. These meetings will cover, as a minimum, the following agenda items:
- i. consideration of Quarterly Performance Reports;
  - ii. Consideration of matters arising out of the Change Control Schedule;
  - iii. Issues escalated in accordance with the escalation procedure as set out in the Governance Schedule;
  - iv. Matters to be brought before the PIU in accordance with the Agreement and the Schedules;
  - v. Any matter brought before the PIU by the System Integrator under this Article; and
  - vi. Any other issue which either Party wishes to add to the agenda.
- e. In the event that there is any material factor which affects the delivery of the Services or the terms of payment as stated in the Terms of Payment Schedule, the Parties agree to discuss in the PIU any appropriate amendment to the Agreement or any Service Level Agreements or Statement of Works including any variation to the terms of payment as stated in the Terms of Payment Schedule. Any variation so agreed shall be implemented through the change control procedure as set out in the Change Control Schedule.

#### 22.5.2 Governance Procedures

- a. The System Integrator shall document the agreed structures in a procedures manual.
- b. The agenda for each meeting of the PIU shall be set to reflect the discussion items referred to above and extraordinary items may be added either with the agreement of the Parties or at the request of either Party. Copies of the agenda for meetings of the PIU, along with relevant prereading material, shall be distributed at least one week in advance of the relevant meeting.
- c. All meetings and proceedings will be documented such documents to be distributed to the Parties and copies shall be kept as a record. All actions, responsibilities, and accountabilities arising out of any meeting shall be tracked and managed.
- d. The Parties shall ensure as far as reasonably practicable that the PIU shall resolve the issues and resolve the objectives placed before them and that members representing that Party are empowered to make relevant decisions or have easy access to empowered individuals for decisions to be made to achieve this.
- e. In order formally to submit a Disputed Matter to the aforesaid for a, one Party ("Claimant") shall give a written notice ("Dispute Notice") to the other Party. The Dispute Notice shall be accompanied by
  - i. a statement by the Claimant describing the Disputed Matter in reasonable detail and

- ii. documentation, if any, supporting the Claimant's position on the Disputed Matter.
  
- f. The other Party ("Respondent") shall have the right to respond to the Dispute Notice within 7 days after receipt of the Dispute Notice. In the event that the parties are unable to resolve the Disputed Matter within a further period of 7days, it shall refer the Disputed Matter to next level of the dispute resolution for action as per the process mentioned in article 9.1
  
- g. All negotiations, statements and / or documentation pursuant to these Articles shall be without prejudice and confidential (unless mutually agreed otherwise).
  
- h. If the Disputed Matter is having a material effect on the operation of the Services (or any of them or part of them) the Parties will use all their respective reasonable endeavors to reduce the elapsed time in reaching a resolution of the Disputed Matter.

22.5.3 The payment under the various cost heads is given as under:

For the payment purposes the pro rata reduction has been done on the cost items and sub items. The financial implications for both the states have been mentioned separately. Breakup of the overall project cost for all the phases of the project have been given in the Schedule below.

22.6 Schedule – VI: Payment Schedule

The successful bidder will sign a Service Level Agreement (SLA) with Punjab Police covering all the required services. The payment schedule and milestones are divided into two phases:

A) Implementation Phase

B) Operations and Maintenance Phase

Milestones and Payment Schedules for Implementation Phase

S. No.	Payment Milestones for the Implementation phase	% Payment
1.	M1: Advance	0%
2.	M2: Pre – Go Live Readiness <sup>1</sup> - Phase I in the Phase I Districts	5%
3.	M3: Go-Live <sup>2</sup> in the Phase I Districts	10%
4.	M4: Pre – Go Live Readiness <sup>1</sup> in the Phase II Districts	5%
5.	M5: Go-Live <sup>2</sup> in the Phase II Districts	10%
6.	M6: Pre – Go Live Readiness <sup>1</sup> in the Phase III	5%
7.	M7: Go-Live <sup>2</sup> in the Phase III	10%
8.	M8: Successful integration with CAS (Center) and successful transfer of the data for three months in succession	15%

1. Pre – Go Live Readiness of Districts under Phase requires Completion and Acceptance of the following activities in at least 50% of the Police Stations / Higher Offices in each of the Districts targeted under the Phase

- Data Migration / Digitization
- Capacity Building Program covering the targeted personnel
- Change Management Initiatives covering the targeted personnel
- Site Preparation
- Delivery and Commissioning of Client Side Infrastructure
- Networking

2. Go-Live in the Phase requires Completion and Acceptance of the following activities in 100% of the Police Stations / Higher Offices in each of the Districts targeted under the Phase

- Data Migration / Digitization
- Capacity Building Program covering the targeted personnel
- Change Management Initiatives covering the targeted personnel
- Site Preparation
- Delivery and Commissioning of Client Side Infrastructure
- Networking
- Commission of the Configured, Customized, and Extended CAS (State)
- The PS / HO have completely migrated to the new application and the police station and the higher offices' personnel are successfully conducting the intended functions through the application

3. Phase 3 activities will include:

- Upgrade to newer version of CAS and enhancements
- Interface with external modules
- Capacity building

The above payments are subject to meeting of SLA's failing which the appropriate deductions as mentioned in the SLA section of Vol 1 of this RFP

Milestones and payment Schedules for Operations and Maintenance Phase:

The operations and maintenance phase is for a period of three years post Go-Live in the last district. 40% of the total cost quoted by the bidder will be paid during the Operations and Maintenance Phase. It will be divided into 6 equated installments and made as 6 equal payments upon satisfactory adherence to the SLAs.

The payments during the Operations and Maintenance Phase will be made at the end of every six months after the delivery of the services upon satisfactorily adhering to the SLAs defined in the volume 1 of this RFP. The successful bidder will be required to submit a compliance report at the end of every month and a Consolidated compliance report at the end of 6 months based on which these payments would be made.

Note:

- The above payments are subject to meeting of SLAs failing which the appropriate deductions as mentioned in the SLA section of Vol. 1 of this RFP.
- All the hardware proposed under this project should be along with a Warranty / AMC for 5 years post Successful Go-Live of the project.
- The successful bidder will also be responsible to maintain the AMC for the existing hardware that bidder will use during the implementation of this project.
- The payment against the hardware will be made on the basis of the actual quantity of the items procured. PUNJAB POLICE will have the right for reduction / addition in the quantity proposed. Any payments will be done on the basis of the unit rates quoted by the bidder in the Commercial bid.
- The cost for the manpower will also be done on the actual basis i.e. category of the manpower deployed and the period of deployment.
- For the payment purposes, price reduction shall be applied on pro rata basis on all head, sub heads, and items of the commercial bid.
- Any fluctuation in prices due to inflation, tax regulations, will be borne by the bidder and not be passed on to PUNJAB POLICE.
- Whenever the penalty is levied on System Integrator for failing to meet the required SLA, the installment shall be paid after adjusting the penalty (if any). For instances where SLA violations cannot be consolidated for the payment period, the penalty amount will be deducted from the next payment.
- Any delay on account of PUNJAB POLICE officials (and not attributable to the SI) shall not be taken into account while computing adherence to service levels for the SI. While PUNJAB POLICE will ensure that any Sign off / Comments are provided within a period of 15 working days from the submission of deliverables by the SI.

## 23. Service level Agreement

Indicative Service Level Agreement is given in Volume-I of this RFP document.

1. This document describes the service levels to be established for the Services offered by the SI to the Punjab Police. The SI shall monitor and maintain the stated service levels to provide quality service to the Punjab Police.

2. Definitions:

a) "Scheduled Maintenance Time" shall mean the time that the System is not in service due to a scheduled activity as defined in this SLA. The scheduled maintenance time would not be during 16X6 timeframe. Further, scheduled maintenance time is planned downtime with the prior permission of the Punjab Police.

b) "Scheduled operation time" means the scheduled operating hours of the System for the month. All scheduled maintenance time on the system would be deducted from the total operation time for the month to give the scheduled operation time. The total operation time for the systems and applications within the Primary DC, DRC and critical Punjab Police site infrastructure will be 24x7x365. The total operation time for the other Punjab Police site systems shall be 18 hours.

c) "System or Application downtime" means accumulated time during which the System is totally inoperable within the Scheduled Operation Time but outside the scheduled maintenance time and measured from the time the Punjab Police and/or its officials/employees log a call with the SI team of the failure or the failure is known to the SI from the availability measurement tools to the time when the System is returned to proper operation.

d) "Availability" means the time for which the services and facilities are available for conducting operations on the Punjab Police system including application and associated infrastructure. Availability is defined as:

$$\{( \text{Scheduled Operation Time} - \text{System Downtime} ) / ( \text{Scheduled Operation Time} )\} * 100\%$$

e) "Helpdesk Support" shall mean the 16x6 basis support centre which shall handle Fault reporting, Trouble Ticketing, and related enquiries during this contract.

f) "Incident" refers to any event / abnormalities in the functioning of the Data Centre Equipment / Services that may lead to disruption in normal operations of the Data Centre, System, or Application services.

- g) "Error" in data digitization or data migration exercise, refers to the mistakes made intentional/unintentional by SI which may or may not change the actual meaning of the subject.

3. Interpretations:

- a) The peak hours are 09:00AM to 05:00PM on all working days (Mon-Sat) excluding Public Holidays or any other Holidays observed by the Punjab Police (Except Police Stations). The SI however recognizes the fact that the Punjab Police offices will require to work beyond the Peak hours on need basis.
- b) "Lean Hours" shall mean hours excluding "Peak Hours".
- c) 18x7 shall mean hours between 06:00AM -12.00AM midnight on all days of the week.
- d) If the operations at Primary DC are not switched to DRC within the stipulated timeframe (Recovery Time Objective), it will be added to the system downtime.
- e) The availability for a cluster will be the average of availability computed across all the servers in a cluster, rather than on individual servers. However, non compliance with performance parameters for infrastructure and system / service degradation will be considered for downtime calculation.
- f) The SLA parameters shall be monitored on a monthly basis as per the individual SLA parameter requirements. However, if the performance of the system/services is degraded significantly at any given point in time during the contract and if the immediate measures are not implemented and issues are not rectified to the complete satisfaction of the Punjab Police or an agency designated by them, then the Punjab Police will have the right to take appropriate disciplinary actions including termination of the contract.
- g) A Service Level violation will occur if the SI fails to meet Minimum Service Levels, as measured on a half yearly basis, for a particular Service Level. Overall Availability and Performance Measurements will be on a monthly basis for the purpose of Service Level reporting. An "Availability and Performance Report" will be provided by the SI on monthly basis in the Punjab Police suggested format and a review shall be conducted based on this report. A monthly Availability and Performance Report shall be provided to the Punjab Police at the end of every month containing the summary of all incidents reported and associated SI performance measurement for that period. The monthly Availability and Performance Report will be deemed to be accepted by the Punjab Police upon review and signoff by SI and the Punjab Police. Where required, some of the Service Levels will be assessed through audits or reports e.g. utilization reports, measurements reports, etc., as appropriate to be provided by the SI on a monthly basis, in the formats as required by the Punjab Police The tools to perform the audit will need to be provided by the SI. Audits will normally be done on regular basis or as required by the Punjab Police and will be performed by the Punjab Police or the appointed third party agencies.



- h) EMS system as specified in this RFP shall play a critical role in monitoring the SLA compliance and hence will have to be customized accordingly. The 3rd party testing and audit of the system shall put sufficient emphasis on ensuring the capability of EMS system to capture SLA compliance correctly and as specified in this RFP. The selected System Integrator (SI) must deploy EMS tool and develop additional scripts (if required) for capturing the required data for SLA report generation in automated way. This tool should generate the SLA Monitoring report in the end of every month which is to be shared with the Punjab Police on a monthly basis. The tool should also be capable of generating SLA reports for a half-year. The Punjab Police will audit the tool and the scripts on a regular basis. SPMC shall assess the EMS requirements and include the same in the RFP.
- i) The Post Implementation SLAs will prevail from the start of the Operations and Maintenance Phase. However, SLAs will be subject to being redefined, to the extent necessitated by field experience at the police stations / higher offices and the developments of technology practices globally. The SLAs may be reviewed on an annual/bi-annual basis as the Punjab Police decides after taking the advice of the SI and other agencies. All the changes would be made by the Punjab Police in consultation with the SI.
- j) The SI is expected to provide the following service levels. In case these service levels cannot be achieved at service levels defined in the tables below, it shall result in a breach of contract and invoke the penalty clause. Payments to the SI are linked to the compliance with the SLA metrics laid down in the tables below. The penalties will be computed and calculated as per the computation explained in this Annexure. During the contract period, it is envisaged that there could be changes to the SLA, in terms of addition, alteration, or deletion of certain parameters, based on mutual consent of both the parties i.e. the Punjab Police and SI.
- k) Following tables outlines the key service level requirements for the system, which needs be ensured by the SI during the operations and maintenance period. These requirements shall be strictly imposed and either the Punjab Police or a third party audit/certification agency shall be deployed for certifying the performance of the SI against the target performance metrics as outlined in the tables below.
- l) Following tables outlines the key service level requirements for the system, which needs be ensured by the SI during the operations and maintenance period. These requirements shall be strictly imposed and either the Punjab Police or a third party audit/certification agency shall be deployed for certifying the performance of the SI against the target performance metrics as outlined in the tables below.

24.

Implementation Phase SLAs:

**1. Capacity Building:**

Service level Description	Measurement
Capacity Building	<p>All the trainees within each of the training program should pass the training exam with more than 80% or more marks conducted after their training</p> <p>Severity of Violation: High</p> <p>This service level will be monitored and measured on a per District basis through online examination of each trainee and their result</p> <p>If the training quality in the program falls below the minimum service level, it will be treated as one (1) violation.</p> <p>The total number of violations for the payment period will be the cumulative number of violations across all the programs across all Districts in the payment period.</p>

**2. Data Migration / Digitization:**

Service level Description	Measurement
Data Migration/ Digitization	<ul style="list-style-type: none"> <li>• Error rate in a batch should be less than 0.5%.</li> <li>• Severity of Violation: High</li> <li>• This service level will be measured on a monthly basis for each Police Station/ Higher Office.</li> <li>• If the data migration/ digitization service level in a police station/ higher office falls below the minimum service level, it will be treated as one (1) violation.</li> <li>• The total number of violations for the payment period will be the cumulative number of violations across all the police stations/ higher offices in the payment period.</li> </ul>

## Delivery Related Service Level Agreement (SLA) Criteria

Explanation: The deduction mentioned in this table shall be made from the next due payment to the vendor for services provided on State wide basis.

S. No.	Service Metrics Parameters	Baseline	Lower Performance		Violation of Service level agreement		Basis of Measurement	Remarks
		Metric	Metric	Deduction	Metric	Deduction		
1	Supply, installation and Commissioning of hardware at offices	3 months	3-4 months	For noncompliance at each point of deployment: Rs. 30,000/-	> 4 months	For noncompliance at each point of deployment: Rs. 45,000/-	Months after taking over of the office site for project	The deduction shall be made per site basis, where criterion is not satisfied
2	Supply, installation and Commissioning of the Data Centre Equipment	6 months from the date of signing of contract	6-7 months	Rs. 100,000	More than 7 months	Rs. 100,000 for every week of delay	Months taken after beginning of the assignment	State may conduct independent audit to verify that the data centre is as per the specifications.
3	Capacity building	At least 80% of the training audience should give a rating of satisfactory or above	Less than 80% and more than 60% attendees find the training satisfactory	Rs. 15,000 / training session	Less than 60% of the attendees find the training satisfactory	Rs. 25,000/- per training session	Feedback survey to be provided to each attendee	The feedback of the attendees must be taken after every training session and this feedback should be leveraged for improving the capacity building program

## Delivery Related Service Level Agreement (SLA) Criteria

Explanation: The deduction mentioned in this table shall be made from the next due payment to the vendor for services provided on State wide basis.

S. No.	Service Metrics Parameters	Baseline	Lower Performance		Violation of Service level agreement		Basis of Measurement	Remarks
		Metric	Metric	Deduction	Metric	Deduction		
4	Data Digitization	Error rate in a batch during verification should be less than 0.5%	Error rate between >0.5% - 1%	Rs. 5,000/- / batch and correction of records	Error rate of over 1%.	Rs. 10,000/- batch and the entire batch to be re-done	Error rate in a batch during verification	Error rate is measured by percentage of the records with corrections marked by designated officials
5	Maintenance phase	All the issues reported regarding hardware, software etc. should be resolved within 24 hours (within 1 working day)	Resolution of issues within 2 working days of reporting	Rs. 500/-	Resolution of the issue after 2 working days	Rs. 1000/- for every day delay over and above beyond	Time and date of reporting of the issue	

### 3. Violations and Associated Penalties

- (a) The primary intent of Penalties is to ensure that the system performs in accordance with the defined service levels. Penalties are not meant to be punitive or, conversely, a vehicle for additional fees.
- (b) Penalty Calculations. The framework for Penalties, as a result of not meeting the Service Level Targets are as follows:
- i. The performance will be measured for each of the defined service level metric against the minimum / target service level requirements and the violations will be calculated accordingly.
  - ii. The number of violations in the reporting period for each level of severity will be totaled and used for the calculation of Penalties.
  - iii. Penalties applicable for each of the high severity violations are 0.1% of respective payment-period payment to the SI.
  - iv. Penalties applicable for each of the medium severity violations are 0.05% of respective payment-period payment to the SI.

### Post Implementation Phase SLAs

#### 1. Primary DC/DRC Site Infrastructure Systems and Application Availability and Performance

- (a) Production CAS Systems. The failure or disruption has a direct impact on the state / UT's ability to service its police stations / higher offices, ability to perform critical back-office functions or a direct impact on the organization. This includes but not limited to:-
- i. Storage and related switches at Primary DC and DRC.
  - ii. Web, Application, Database, and Backup Servers at Primary DC and DRC.
  - iii. Primary DC to DRC connectivity.
  - iv. Primary DC and DRC network infrastructure.
  - v. Primary DC and DRC security infrastructure.
- (b) Non-CAS Systems in Production and Non Production Systems (Development, QA, and Training). The failure or disruption has no direct impact on the state / UT's ability to serve its police stations / higher offices, or perform critical back-office functions.

- (i) Production Non CAS Servers.
  - (ii) Test, QA and Training Servers.
  - (iii) Helpdesk infrastructure & applications.
  - (iv) EMS Infrastructure.
- (c) CAS Solution Components. The failure or disruption has a direct impact on the state / UT's ability to service its police stations / higher offices, ability to perform critical back-office functions or a direct impact on the organization.
- (d) Non ERP Solution Components. The failure or disruption has no direct impact on the state / UT's ability to serve its police stations / higher offices, or perform critical back-office functions.
- (e) These service levels will be monitored on a monthly basis.
- (f) The below tables gives details on the Service Levels the SI should maintain.

Service Level	Measurement								
Description									
Infrastructure Availability	Availability of production CAS systems shall be at least 99% Severity of Violation: High								
	<table border="1"> <thead> <tr> <th>Availability over the six-months period</th> <th>Violations for calculation of Penalty</th> </tr> </thead> <tbody> <tr> <td>&lt; 99% &amp; &gt;= 98.5%</td> <td>1</td> </tr> <tr> <td>&lt; 98.5% &amp; &gt;= 98%</td> <td>2</td> </tr> <tr> <td>&lt; 98%</td> <td>3</td> </tr> </tbody> </table> <p>In addition to the above, if the service level in any month in the six month period falls below 98%, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	Availability over the six-months period	Violations for calculation of Penalty	< 99% & >= 98.5%	1	< 98.5% & >= 98%	2	< 98%	3
Availability over the six-months period	Violations for calculation of Penalty								
< 99% & >= 98.5%	1								
< 98.5% & >= 98%	2								
< 98%	3								

<p>Infrastructure Availability</p>	<p>Availability of non-CAS system in production &amp; non-production systems shall be at least 97% Severity of Violation: Medium</p> <table border="1" data-bbox="488 338 1170 527"> <thead> <tr> <th>Availability over the six-months period</th> <th>Violations for calculation of Penalty</th> </tr> </thead> <tbody> <tr> <td>&lt; 97% &amp; &gt;= 96.5%</td> <td>1</td> </tr> <tr> <td>&lt; 96.5% &amp; &gt;= 96%</td> <td>2</td> </tr> <tr> <td>&lt; 96%</td> <td>3</td> </tr> </tbody> </table> <p>In addition to the above, if the service level in any month in the six month period falls below 98%, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	Availability over the six-months period	Violations for calculation of Penalty	< 97% & >= 96.5%	1	< 96.5% & >= 96%	2	< 96%	3
Availability over the six-months period	Violations for calculation of Penalty								
< 97% & >= 96.5%	1								
< 96.5% & >= 96%	2								
< 96%	3								
<p>Infrastructure Availability</p>	<p>RTO shall be less than or equal to six (6) hours. Severity of Violation: High</p> <p>Each instance of non-meeting this service level will be treated as one (1) violation.</p>								
<p>Infrastructure Availability</p>	<p>RPO (zero data loss in case of failure of Primary DC) should be zero minutes Severity of Violation: High</p> <p>Each instance of non-meeting this service level will be treated as two (2) violations.</p>								

Service Level	Measurement						
Description							
<p>Infrastructure Performance</p>	<p>Sustained period of peak CPU utilization of any server crossing 70% (with the exception of batch processing) shall be less than or equal to 30 minutes. Severity of Violation: High</p> <p>Each occurrence where the peak CPU utilization of any server crosses 70% (with the exception of batch processing) and stays above 70% for time more than 30 minutes will be treated as one (1) instance.</p> <table border="1" data-bbox="488 1539 1170 1707"> <thead> <tr> <th>No. of Instances over the six-months period</th> <th>Violations for calculation of Penalty</th> </tr> </thead> <tbody> <tr> <td>&gt;0 &amp; &lt;=3</td> <td>1</td> </tr> <tr> <td>&gt; 3</td> <td>2</td> </tr> </tbody> </table> <p>In addition to the above, if the service level in any month in the six month exceeds 3, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	No. of Instances over the six-months period	Violations for calculation of Penalty	>0 & <=3	1	> 3	2
No. of Instances over the six-months period	Violations for calculation of Penalty						
>0 & <=3	1						
> 3	2						

<p>Infrastructure Performance</p>	<p>Sustained period of peak I/O utilization of any server crossing 70% (with the exception of batch processing) shall be less than or equal to 30 minutes.</p> <p>Severity of Violation: High</p> <p>Each occurrence where the peak I/O utilization of any server crosses 70% (with the exception of batch processing) and stays above 70% for time more than 30 minutes will be treated as one (1) instance.</p> <table border="1" data-bbox="492 512 1170 680"> <thead> <tr> <th>No. of Instances over the six-months period</th> <th>Violations for calculation of Penalty</th> </tr> </thead> <tbody> <tr> <td>&gt;0 &amp; &lt;=3</td> <td>1</td> </tr> <tr> <td>&gt; 3</td> <td>2</td> </tr> </tbody> </table> <p>In addition to the above, if the service level in any month in the six month period falls below 98%, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	No. of Instances over the six-months period	Violations for calculation of Penalty	>0 & <=3	1	> 3	2
No. of Instances over the six-months period	Violations for calculation of Penalty						
>0 & <=3	1						
> 3	2						
<p>Infrastructure Performance</p>	<p>Sustained period of peak memory utilization of any server crossing 70% (with the exception of batch processing) shall be less than or equal to 30 minutes.</p> <p>Severity of Violation: High</p> <p>Each occurrence where the peak memory utilization of any server crosses 70% (with the exception of batch processing) and stays above 70% for time more than 30 minutes will be treated as one (1) instance.</p> <table border="1" data-bbox="492 1220 1170 1388"> <thead> <tr> <th>No. of Instances over the six-months period</th> <th>Violations for calculation of Penalty</th> </tr> </thead> <tbody> <tr> <td>&gt;0 &amp; &lt;=3</td> <td>1</td> </tr> <tr> <td>&gt; 3</td> <td>2</td> </tr> </tbody> </table> <p>In addition to the above, if the service level in any month in the six month exceeds 3, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	No. of Instances over the six-months period	Violations for calculation of Penalty	>0 & <=3	1	> 3	2
No. of Instances over the six-months period	Violations for calculation of Penalty						
>0 & <=3	1						
> 3	2						
<p>Application Availability</p>	<p>Availability of CAS solution components measured within the Data Center shall be at least 99.9%</p> <p>Severity of Violation: High</p> <p>This service level will be monitored on a monthly basis.</p>						



	Availability over the six-months period	Violations for calculation of Penalty						
	< 99% & >= 99.5%	1						
	< 99.5% & >= 99%	2						
	< 99%	3						
	<p>In addition to the above, if the service level in any month in the six month period falls below 99%, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>							
Application Availability	<p>Availability of non-CAS solution components measured within the Data Center shall be at least 97%</p> <p>Severity of Violation: Medium This service level will be monitored on a monthly basis.</p> <table border="1" data-bbox="488 810 1170 978"> <tr> <td>Availability over the six-months period</td> <td>Violations for calculation of Penalty</td> </tr> <tr> <td>&lt; 97% &amp; &gt;= 96%</td> <td>1</td> </tr> <tr> <td>&lt;96%</td> <td>2</td> </tr> </table> <p>In addition to the above, if the service level in any month in the six month period falls 96%, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>		Availability over the six-months period	Violations for calculation of Penalty	< 97% & >= 96%	1	<96%	2
Availability over the six-months period	Violations for calculation of Penalty							
< 97% & >= 96%	1							
<96%	2							

Application Performance

Average application response time during peak usage hours as measured from a client terminal within the Data Center shall not exceed 4 seconds.

Severity of Violation: High

The list of critical business functions and peak usage hours will be identified by the state / UT during the Supply and System Integration Phase.

This service level will be monitored on a monthly basis.

Average Application Response time over the six-months period	Violations for calculation of Penalty
> 4s & <=5s	2
> 5s & <=6s	4
> 6s	5

In addition to the above, if the service level in any month in the six month period falls below 99%, one (1) additional violation will be added for each such month to the overall violations for this service level.

2. Punjab Police Site Infrastructure Systems\_

- (a) Critical Punjab Police Site Systems. The failure or disruption results in inability of the police station / higher offices to service its dependent offices or perform critical back-office functions. Critical client site infrastructure means the IT infrastructure at Punjab Police site which are shared by multiple users i.e., Core Switch, Core Routers, etc.
- (b) This service level will be measured on a monthly basis for each implementation site.
- (c) The below tables gives details on the Service Levels the SI should maintain.

Service Level	Measurement
Description	
Punjab Police Systems Availability	<p>Availability of the critical client site infrastructure components at all the implementation sites shall be at least 99%</p> <p>Severity of Violation: High</p> <p>This service level will be monitored on a monthly basis for each Implementation Site.</p> <p>If the availability in a month for an implementation site falls below the minimum service level, it will be treated as one (1) violation.</p> <p>The total number of violations for the six-month period will be the cumulative number of violations across all the months across all sites in the six-month period.</p>

(a) Client Site Hardware Infrastructure. The failure or disruption results in inability of the police station / higher offices to service its dependent offices or to perform routine functionality.

Client site Hardware infrastructure means the IT infrastructure at client site i.e., Computers, UPS, MFP etc.

(b) This service level will be measured on a monthly basis for each implementation site.

(c) The below tables gives details on the Service Levels the SI should maintain.

Service Level	Measurement						
Description							
Client Site  Hardware Availability	<p>Availability of the client site Hardware infrastructure components at all the implementation sites shall be at least 97%</p> <p>Severity of Violation: Medium</p> <table border="1"> <thead> <tr> <th>Availability over the six-months period</th> <th>Violations for calculation of Penalty</th> </tr> </thead> <tbody> <tr> <td>&lt; 97% &amp; &gt;= 96%</td> <td>1</td> </tr> <tr> <td>&lt;96%</td> <td>2</td> </tr> </tbody> </table> <p>In addition to the above, if the service level in any month in the six month period falls below 96%, one (1) additional violation will be added for each such month to the overall violations for this service level.</p> <p>This service level will be monitored on a monthly basis for each Implementation Site.</p> <p>The total number of violations for the six-month period will be the cumulative number of violations across all the months across all sites in the six-month period.</p>	Availability over the six-months period	Violations for calculation of Penalty	< 97% & >= 96%	1	<96%	2
Availability over the six-months period	Violations for calculation of Penalty						
< 97% & >= 96%	1						
<96%	2						

3. Handholding Support: Client Site Support

- (a) Level 1 Incident. The incident has an immediate impact on the Punjab Police’s ability to service its police stations / higher offices, to perform critical back-office functions or has a direct impact on the organization.
- (b) Level 2 Incidents. The incident has an impact on the Punjab police’s ability to service its police stations / higher offices that while not immediate, can cause service to degrade if not resolved within reasonable time frames
- (c) The severity of the individual incidents will be mutually determined by the Punjab Police and SI.
- (d) The scheduled operation time for the client site systems shall be the business hours of the Punjab Police.
- (e) This service level will be measured on a monthly basis for each implementation site.
- (f) The tables on the following page give details of the Service Levels the SI is required to maintain.

Service Level	Measurement	
Description		
Punjab Police site Support Performance	<p>80% of the Level 1 Incidents at each site should be resolved within 2 business hours from the time call is received / logged which ever is earlier. The maximum resolution time for any incident of this nature shall not exceed 8 business hours.</p> <p>Severity of Violation: Medium</p> <p>This service level will be measured on a monthly basis for each implementation site. If the performance in a month for an implementation site falls below the minimum service level, it will be treated as one (1) instance. The total number of instances for the six-month period will be the cumulative number of instances across all the months across all sites in the six-month period.</p> <p>Average number of instances per month = (Total number of instances for the six-month period) / 6</p>	
	Average number of instances per month	Violations for calculation of penalty
	>0 & <=4	1
	>4 & <=8	2

	>8 & <=12	3
	>12	4
Punjab Police Site Support Performance	80% of the Level 2 Incidents at each site should be resolved within 6 business hours from the time a call is received / logged whichever is earlier. The maximum resolution time for any incident of this nature shall not exceed 48 hours. Severity of Violation: Medium	
	This service level will be measured on a monthly basis for each implementation site. If the performance in a month for an implementation site falls below the minimum service level, it will be treated as one (1) instance. The total number of instances for the six-month period will be the cumulative number of instances across all the months across all sites in the six-month period. Average number of instances per month = (Total number of instances for the six-month period) / 6	
	Average number of instances per month	Violations for calculation of penalty
	>0 & <=4	1
	>4 & <=8	2
	>8 & <=12	3
	>12	4
Punjab Police Site Support Performance	Replacement of hardware equipment shall be done within 7 days of notification by the state / UT. These equipments would have failed on four or more occasions in a period of less than three months or six times in a period of less than twelve months. (Mean Time Between Failure Condition)  Severity of Violation: High  Each instance of non-meeting this service level will be treated as one (1) violation.	

4. Handholding Support: Application Support

- (a) Level 1 Defects. The failure to fix has an immediate impact on the Punjab Police's ability to service its police stations / higher offices, inability to perform critical back-office functions or a direct impact on the organization.
- (b) Level 2 Defects. The failure to fix has an impact on the Punjab Police's ability to service its police stations / higher offices that while not immediate, can cause service to degrade if not resolved within reasonable time frames.
- (c) Level 3 Defects. The failure to fix has no direct impact on the Punjab Police's ability to serve its police stations / higher officers, or perform critical back-office functions.
- (d) The severity of the individual defects will be mutually determined by the Punjab Police and SI.
- (e) This service level will be monitored on a monthly basis.
- (f) The below tables gives details on the Service Levels the SI should maintain.

Service Level	Measurement								
Description									
Application Support Performance	<p>95% of the Level 1 defects shall be resolved within 4 business hours from the time of reporting full details.</p> <p>Severity of Violation: High This service level will be monitored on a monthly basis.</p> <table border="1"> <thead> <tr> <th>Performance over the six-months period</th> <th>Violations for calculation of Penalty</th> </tr> </thead> <tbody> <tr> <td>&lt; 95% &amp; &gt;=90%</td> <td>1</td> </tr> <tr> <td>&lt; 90% &amp; &gt;=85%</td> <td>2</td> </tr> <tr> <td>&lt;85%</td> <td>3</td> </tr> </tbody> </table> <p>In addition to the above, if the service level in any month in the six month period falls below 85%, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	Performance over the six-months period	Violations for calculation of Penalty	< 95% & >=90%	1	< 90% & >=85%	2	<85%	3
Performance over the six-months period	Violations for calculation of Penalty								
< 95% & >=90%	1								
< 90% & >=85%	2								
<85%	3								

<p>Application Support Performance</p>	<p>95% of the Level 2 defects shall be resolved within 72 hours from the time of reporting full details.</p> <p>Severity of Violation: High</p> <p>This service level will be monitored on a monthly basis.</p> <table border="1" data-bbox="480 472 1159 655"> <thead> <tr> <th>Performance over the six-months period</th> <th>Violations for calculation of Penalty</th> </tr> </thead> <tbody> <tr> <td>&lt; 95% &amp; &gt;=90%</td> <td>1</td> </tr> <tr> <td>&lt; 90% &amp; &gt;=85%</td> <td>2</td> </tr> <tr> <td>&lt;85%</td> <td>3</td> </tr> </tbody> </table> <p>In addition to the above, if the service level in any month in the six month period falls below 85%, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	Performance over the six-months period	Violations for calculation of Penalty	< 95% & >=90%	1	< 90% & >=85%	2	<85%	3
Performance over the six-months period	Violations for calculation of Penalty								
< 95% & >=90%	1								
< 90% & >=85%	2								
<85%	3								
<p>Application Support Performance</p>	<p>100% of the Level 3 defects shall be resolved within 120 hours from the time of reporting full details.</p> <p>Severity of Violation: High</p> <p>This service level will be monitored on a monthly basis.</p> <table border="1" data-bbox="480 1050 1159 1232"> <thead> <tr> <th>Performance over the six-months period</th> <th>Violations for calculation of Penalty</th> </tr> </thead> <tbody> <tr> <td>&lt; 100% &amp; &gt;=90%</td> <td>1</td> </tr> <tr> <td>&lt; 90% &amp; &gt;=80%</td> <td>2</td> </tr> <tr> <td>&lt;80%</td> <td>3</td> </tr> </tbody> </table> <p>In addition to the above, if the service level in any month in the six month period falls below 80%, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	Performance over the six-months period	Violations for calculation of Penalty	< 100% & >=90%	1	< 90% & >=80%	2	<80%	3
Performance over the six-months period	Violations for calculation of Penalty								
< 100% & >=90%	1								
< 90% & >=80%	2								
<80%	3								
<p>Service Level</p>	<p>Measurement</p>								
<p>Description</p> <p>Application Support Performance</p>	<p>Up to date of the documentation of the design, modifications, enhancements, and defect-fixes in the half-yearly period.</p> <p>Severity of Violation: Medium</p> <p>This service level will be monitored on a half yearly basis.</p> <p>Each instance of non-meeting this service level will be treated as one (1) violation.</p>								



5. Network Uptime:

Severity of Violation: High This service level will be monitored on a monthly basis. The below tables gives details on the Service Levels the SI should maintain.

Service Level	Measurement
Description	
Network Uptime	<p>Availability of the network and all related components at all the implementation sites shall be at least 99%</p> <p>Severity of Violation: High</p> <p>This service level will be measured on a monthly basis for each implementation site.</p> <p>If the network availability in a month falls below the minimum service level, it will be treated as one (1) violation.</p> <p>The total number of violations for the six-month period will be the cumulative number of violations across all the months across all sites in the six-month period.</p>

6. Handholding Support: Helpdesk and Data Center Support

- (a) Level 1 Calls. The failure to fix has an immediate impact on the Punjab Police’s ability to service its police stations / higher offices, inability to perform critical back-office functions or a direct impact on the organization.
- (b) Level 2 Calls. The failure to fix has an impact on the Punjab Police’s ability to service its police stations / higher offices that while not immediate, can cause service to degrade if not resolved within reasonable time frames.
- (c) Level 3 Calls. The failure to fix has no direct impact on the Punjab Police’s ability to serve its police stations / higher offices, or perform critical back-office functions.
- (d) This service level will be monitored on a monthly basis.
- (e) The below tables gives details on the Service Levels the SI should maintain.

Service Level	Measurement								
Description									
Helpdesk Performance	<p>98% of the calls shall be answered within 45 seconds.</p> <p>Severity of Violation: High This service level will be monitored on a monthly basis.</p> <table border="1"> <thead> <tr> <th>Performance over the six-months period</th> <th>Violations for calculation of Penalty</th> </tr> </thead> <tbody> <tr> <td>&lt; 98% &amp; &gt;=90%</td> <td>1</td> </tr> <tr> <td>&lt; 90% &amp; &gt;=80%</td> <td>2</td> </tr> <tr> <td>&lt;80%</td> <td>3</td> </tr> </tbody> </table> <p>In addition to the above, if the service level in any month in the six month period falls below 80%, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	Performance over the six-months period	Violations for calculation of Penalty	< 98% & >=90%	1	< 90% & >=80%	2	<80%	3
Performance over the six-months period	Violations for calculation of Penalty								
< 98% & >=90%	1								
< 90% & >=80%	2								
<80%	3								
Helpdesk Performance	<p>98% of the incidents within helpdesk resolution capacity shall be resolved in a cycle time of 24 hours</p> <p>Severity of Violation: High</p> <p>This service level will be monitored on a monthly basis.</p> <table border="1"> <thead> <tr> <th>Performance over the six-months period</th> <th>Violations for calculation of Penalty</th> </tr> </thead> <tbody> <tr> <td>&lt;98% &amp; &gt;=90%</td> <td>1</td> </tr> <tr> <td>&lt; 90% &amp; &gt;=80%</td> <td>2</td> </tr> <tr> <td>&lt;80%</td> <td>3</td> </tr> </tbody> </table> <p>In addition to the above, if the service level in any month in the six month period falls below 80%, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	Performance over the six-months period	Violations for calculation of Penalty	<98% & >=90%	1	< 90% & >=80%	2	<80%	3
Performance over the six-months period	Violations for calculation of Penalty								
<98% & >=90%	1								
< 90% & >=80%	2								
<80%	3								

<p>Helpdesk Performance</p>	<p>98% of the non SI supported incidents shall be routed to the appropriate service provider within 30 minutes.</p> <p>Severity of Violation: Medium</p> <p>This service level will be monitored on a monthly basis.</p> <table border="1" data-bbox="475 436 1154 621"> <thead> <tr> <th>Performance over the six-months period</th> <th>Violations for calculation of Penalty</th> </tr> </thead> <tbody> <tr> <td>&lt; 98% &amp; &gt;=90%</td> <td>1</td> </tr> <tr> <td>&lt; 90% &amp; &gt;=80%</td> <td>2</td> </tr> <tr> <td>&lt;80%</td> <td>3</td> </tr> </tbody> </table> <p>In addition to the above, if the service level in any month in the six month period falls below 80%, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	Performance over the six-months period	Violations for calculation of Penalty	< 98% & >=90%	1	< 90% & >=80%	2	<80%	3
Performance over the six-months period	Violations for calculation of Penalty								
< 98% & >=90%	1								
< 90% & >=80%	2								
<80%	3								
<p>Helpdesk Performance</p>	<p>80% of the Level 1 calls shall be resolved within 2 hours from call received/logged whichever is earlier. The maximum resolution time for any incident of this nature shall not exceed 8 business hours.</p> <p>Severity of Violation: High</p> <p>This service level will be monitored on a monthly basis.</p> <table border="1" data-bbox="475 1056 1154 1241"> <thead> <tr> <th>Performance over the six-months period</th> <th>Violations for calculation of Penalty</th> </tr> </thead> <tbody> <tr> <td>&lt; 80% &amp; &gt;=70%</td> <td>1</td> </tr> <tr> <td>&lt; 70% &amp; &gt;=60%</td> <td>2</td> </tr> <tr> <td>&lt;60%</td> <td>3</td> </tr> </tbody> </table> <p>In addition to the above, if the service level in any month in the six month period falls below 60%, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	Performance over the six-months period	Violations for calculation of Penalty	< 80% & >=70%	1	< 70% & >=60%	2	<60%	3
Performance over the six-months period	Violations for calculation of Penalty								
< 80% & >=70%	1								
< 70% & >=60%	2								
<60%	3								

Service Level	Measurement								
Description									
Helpdesk Performance	<p>80% of the Level 2 calls shall be resolved within 6 hours from call received/logged whichever is earlier. The maximum resolution time for any incident of this nature shall not exceed 48 hours.</p> <p>Severity of Violation: High This service level will be monitored on a monthly basis.</p> <table border="1"> <thead> <tr> <th>Performance over the six-months period</th> <th>Violations for calculation of Penalty</th> </tr> </thead> <tbody> <tr> <td>&lt; 80% &amp; &gt;=70%</td> <td>1</td> </tr> <tr> <td>&lt; 70% &amp; &gt;=60%</td> <td>2</td> </tr> <tr> <td>&lt;60%</td> <td>3</td> </tr> </tbody> </table> <p>In addition to the above, if the service level in any month in the six month period falls below 60%, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	Performance over the six-months period	Violations for calculation of Penalty	< 80% & >=70%	1	< 70% & >=60%	2	<60%	3
Performance over the six-months period	Violations for calculation of Penalty								
< 80% & >=70%	1								
< 70% & >=60%	2								
<60%	3								
Helpdesk Performance	<p>80% of the Level 3 calls shall be reported on status and action to be communicated within 24 hours from call received / logged whichever is earlier. The maximum resolution time for any incident of this nature shall not exceed 72 hours.</p> <p>Severity of Violation: High This service level will be monitored on a monthly basis.</p> <table border="1"> <thead> <tr> <th>Performance over the six-months period</th> <th>Violations for calculation of Penalty</th> </tr> </thead> <tbody> <tr> <td>&lt; 80% &amp; &gt;=70%</td> <td>1</td> </tr> <tr> <td>&lt; 70% &amp; &gt;=60%</td> <td>2</td> </tr> <tr> <td>&lt;60%</td> <td>3</td> </tr> </tbody> </table> <p>In addition to the above, if the service level in any month in the six month period falls below 60%, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	Performance over the six-months period	Violations for calculation of Penalty	< 80% & >=70%	1	< 70% & >=60%	2	<60%	3
Performance over the six-months period	Violations for calculation of Penalty								
< 80% & >=70%	1								
< 70% & >=60%	2								
<60%	3								

Service Level	Measurement
Description	
Datacenter Support Performance	<p>Replacement of hardware equipment shall be done within 15 days of notification by the state / UT. These equipments would have failed on four or more occasions in a period of less than three months or six times in a period of less than twelve months. (Mean Time Between Failure Condition)</p> <p>Severity of Violation: High Each instance of non-meeting this service level will be treated as one (1) violation.</p>
Datacenter Support Performance	<p>Up to date of the documentation of the design, modifications, enhancements, and fixes.</p> <p>Severity of Violation: Medium This service level will be monitored on a Half-yearly basis. Each instance of non-meeting this service level will be treated as one (1) violation.</p>

7. Reporting

(a) The below tables gives details on the Service Levels the SI should maintain for Punjab Police site systems availability.

Service Level	Measurement						
Description							
Availability and Performance Report	<p>Provide monthly SLA compliance reports, monitoring and maintenance related MIS reports by the 5th of the following month.</p> <p>Severity of Violation: Medium This service level will be monitored on a monthly basis.</p> <p>If the monthly SLA compliance report related to the service level metrics is not provided in the given timeframe, it will be treated as one (1) instance.</p> <p>The total number of instances for the six-month period will be the cumulative number of instances across all the months in the six-month period.</p> <table border="1"> <thead> <tr> <th>Total No. of Instances over the six-months period</th> <th>Violations for calculation of Penalty</th> </tr> </thead> <tbody> <tr> <td>&gt;0 &amp; &lt;=3</td> <td>1</td> </tr> <tr> <td>&gt; 3</td> <td>2</td> </tr> </tbody> </table>	Total No. of Instances over the six-months period	Violations for calculation of Penalty	>0 & <=3	1	> 3	2
Total No. of Instances over the six-months period	Violations for calculation of Penalty						
>0 & <=3	1						
> 3	2						

8. Credits for Successful Application Uptake\_

The below tables gives details of the credits that can gain by the SI for successful uptake of the application in the Punjab State. The credits will not be calculated for the first reporting period.

Service Level	Measurement								
Description									
CCTNS Uptake	<p>The following metrics will be measured at the end of each reporting period for each District that has been declared as "Go Live":</p> <ol style="list-style-type: none"> <li>1. Number of key transactions carried through internet (ex: Transactional such as submitting an application for a no objection certificate and Informational such a requesting the status of a case)</li> <li>2. Number of active users profiles in CCTNS</li> <li>3. Number of read-write transactions on CCTNS system</li> <li>4. Number of Searches carried out on data in CCTNS</li> <li>5. Total number of FIRs prepared through CCTNS</li> <li>6. Total number of Crime Details Forms prepared through CCTNS</li> <li>7. Total number of Key Investigation Forms prepared through CCTNS</li> <li>8. Total number of Arrest Cards prepared through CCTNS</li> <li>9. Total number of Charge Sheets prepared through CCTNS</li> <li>10. Quality (recency and accuracy) of information available in CCTNS</li> <li>11. Number of cases reported to be solved because of the availability of CCTNS</li> <li>12. Number of ad-hoc requests successfully responded to using CCTNS</li> <li>13. Turnaround Time for submitting the monthly and annual crime/criminal information to NCRB from the State/UT</li> </ol> <p>A credit will be gained for each of the above parameters if the uptake for that parameter shows significant improvement.</p> <p>The following table applies for each of the above parameters:</p> <table border="1"> <thead> <tr> <th>Total No. of Instances over the six-months period</th> <th>Violations for calculation of Penalty</th> </tr> </thead> <tbody> <tr> <td>&gt;5 &amp; &lt;=10%</td> <td>2</td> </tr> <tr> <td>&gt; 10 &amp; &lt;=15%</td> <td>3</td> </tr> <tr> <td>&gt;15%</td> <td>4</td> </tr> </tbody> </table>	Total No. of Instances over the six-months period	Violations for calculation of Penalty	>5 & <=10%	2	> 10 & <=15%	3	>15%	4
Total No. of Instances over the six-months period	Violations for calculation of Penalty								
>5 & <=10%	2								
> 10 & <=15%	3								
>15%	4								

9. Violations and Associated Penalties

- (a) The primary intent of Penalties is to ensure that the system performs in accordance with the defined service levels. Penalties are not meant to be punitive or, conversely, a vehicle for additional fees.
- (b) A six monthly performance evaluation will be conducted using the six monthly reporting periods of that period.
- (c) Penalty Calculations. The framework for Penalties, as a result of not meeting the Service Level Targets are as follows:
- I. The performance will be measured for each of the defined service level metric against the minimum / target service level requirements and the violations will be calculated accordingly.
  - II. The number of violations in the reporting period for each level of severity will be totaled and used for the calculation of Penalties.
    - i. If the total number of credits gained by the SI is lower than the total number of high severity violations in the reporting period, the total number of credits will be subtracted from the total number of High Severity Violations in the reporting period for the calculation of Penalties.
    - ii. If the total number of credits gained by the SI is higher than the total number of high severity violations in the reporting period, the resultant total number of high severity violations in the reporting period for calculation of penalties will be considered as zero (0).
  - III. Penalties applicable for each of the high severity violations are two (2) % of respective half yearly payment to the SI.
  - IV. A penalty applicable for each of the medium severity violations is one (1%) of respective half yearly payment to the SI.
  - V. Penalties applicable for each of the low severity violations is half percentage (0.5%) of respective half yearly payment to the SI.
  - VI. Penalties applicable for not meeting a high (H) critical performance target in two consecutive half years on same criteria shall result in additional deduction of 5% of the respective half yearly payment to the SI. Penalty shall be applicable separately for each such high critical activity
  - VII. Penalties applicable for not meeting a medium (M) critical performance target in two consecutive half yearly periods on same criteria shall result in additional deduction of 3% of the respective half yearly payment to the SI. Penalty shall be applicable separately for each such medium critical activity
  - VIII. Penalties applicable for not meeting a low (L) critical performance target in two consecutive half yearly periods on same criteria shall result in additional deduction of 2% of the respective half yearly payment to the SI. Penalty shall be applicable separately for each such medium critical activity
-



- IX. It is to be noted that if the overall penalty applicable for any of the review period during the currency of the contract exceeds 25% or if the overall penalty applicable for any of the successive half year periods during the currency of the contract is above 15%; then the Punjab Police shall have the right to terminate the contract.

25. Annexure

Annexure – A: Format for Change Control Notice

Change Control Note:		CCN Number:
Part A: Initiation		
Title:		
Originator:		
Sponsor:		
Date of Initiation:		
Details of Proposed Change		
(To include reason for change and appropriate details/specifications. Identify any attachments as A1, A2, and A3 etc.)		
Authorized by Punjab Police	Date	
Name		
Signature:		
Received by the SI	Date	
Name		
Signature:		

Change Control Note	CCN Number:
Part B : Evaluation	
Identify any attachment as B1, B2 and B3) Changes to services, charging structure, payment profile, Documentation training, services levels and component working arrangements and contractual issues.	
Brief description of solutions:	
Impact:	
Deliverables :	
Time Table :	
Charges for implementation : (including a schedule of payments)	
Other Relevant Information: (including value-added and acceptance criteria)	
Authorized by the System Integrator	Date
Name	
Signature :	

Change Control Note	CCN Number
Part C : Authority to proceed	
Implementation of CCN as submitted in part A, in accordance in part B	
Approved	

Rejected	
Requires further information (as follows, or as attachment 1 etc.))	
For Punjab Police and its nominated agencies	For the System Integrator
Signature	Signature
Name	Name
Title	Title
Date	Date

Annexure – B: List of Services to be provided by the SI

Various services including, but not limiting, to be offered by the selected Bidder will include:

- I) Project initiation & Solution Design including SRS, Design documents, hardware requirement report & detailed deployment plan for the software applications & other components of the project,
- II) Customization of the CCTNS Solution, Integration with existing applications & migration of existing data including the testing and user acceptance.
- III) Site Preparation and LAN creation.
- IV) Procurement, deployment, and commissioning of the necessary Hardware at all the Punjab Police locations mentioned in geographical scope of RFP Volume I.
- V) Data Entry and digitization of the records available in the paper files and migration of the data available in the existing databases,
- VI) Training to the staff members and stakeholders of the Department and necessary Change Management, and
- VII) Provisioning of Change Management and Handholding support for a period of six months post successful Go Live of CCTNS Solution
- VIII) Operations and maintenance of the system including providing technical support for IT solution for a period of three years starting from the date of successful Go Live of CCTNS Solution.

Note:

- SI will have to implement the Solution keeping in mind the functions and services of the department and at the end the solution shall include all the necessary application modules as well as hardware components as per the requirements of Punjab Police.
- The selected SI shall implement the solution based on the requirements identified in this RFP and shall suggest improvements (if any) at the time of the designing the solution. It is expected that SI will validate the Requirements/ Architecture designs, etc. proposed in this RFP and will improve upon it, if required.

Annexure – C: Minimum Required Deliverables and Associated Timelines

Deliverables and Associated Timelines			
Phase	Suggested Activities	Responsibilities	Time lines (month)
Phase – I	Setting up of Data Center		
	Providing the Premises for Server Room& Disaster Recovery	Punjab Police	T+1
	Preparation of Bill of Quantity (Hardware, Software, Connectivity)	SI	
	Preparation of layout	SI	
	Sizing document for Common Server Room Infrastructure (Server Racks, Power arrangement, Cooling etc.)	SI	
	Approval from Respective authorities	SI, SPMU & Punjab Police	
	Preparation of Site	Punjab Police/SI	
	Wiring (Electrical, WAN Connectivity etc.)	Punjab Police	
	Cooling Arrangements	Punjab Police	
	Procurement of Hardware, Software, Licenses	SI	
	24*7 Power backup Support Provision	Punjab Police	
	Installation and Testing of UPS, DG-Set	Punjab Police	T+4
	Supply of the Hardware, Software, License & Networking equipments	SI	
	Installation and Testing of Equipments	SI	
	Redundant Network Connectivity	SI/Punjab Police	
	24*7 Support system in case of break down	SI	
	Testing and Up-gradation	SI	T+5
	Inspection and Suggestions	SPMU/Punjab Police	
	Approval From Department	Punjab Police	T+6
	Operation Support	SI	
	Customization of CAS (State)		
	SRS preparation	SI	T+1
	Approval from SPMU & Department and Change Incorporation in case of suggestions	SI, SPMU & Department	T+6
	Customization, Configuration and Development of Application	SI	T+7
	User Acceptance Testing	SI	T+9
	Change Request	SI	
	Final Implementation at all Police Stations	SI	T+10
	CAS Integration with Identified applications		
SRS preparation	SI	T+2	

Deliverables and Associated Timelines			
Phase	Suggested Activities	Responsibilities	Time lines (month)
	Approval from SPMU & Department	SI, SPMU & Punjab Police	T+6
	Customization, Configuration and Integration	SI	T+8
	User Acceptance Testing	SI	T+9
	Change Request	SI	
	Roll out at all Police Stations	SI	
	CCTNS Site Preparation (Police Stations)		
	Site handover / Approval for CCTNS	Punjab Police	T+1
	Electrical & Local Area Networking Work	SI	T+3
	Procurement of Hardware, Software, Licenses	SI	
	Supply of the Furniture & Fixtures	SI	T+4
	Supply and Installation of Desktops/PCs, Printers, Scanners, UPS	SI	T+5
	WAN Testing and VPN configuration	SI	T+5
	Arrangements of Power Backup (DG Set/UPS)	SI	
	Testing of Connectivity with Data Center (WAN)	SI	
	Testing of CCTNS system at Police Station from User Perspective	SI	
	Inspection and Suggestions	SPMU/Punjab Police	T+6
	CAS Operational at all Police Stations	SI	
	Approval from Department	Punjab Police	
	CCTNS Site Preparation (Higher Offices & other Higher offices like PHQ, Zone, Range, Districts)		
	Site Handover / Approval for CCTNS	Punjab Police	T+1
	Electrical & Local Area Networking Work	SI	T+3
	Procurement of Hardware, Software, Licenses	SI	
	Supply of the Furniture & Fixtures	SI	T+4
	Supply and Installation of Desktops/PCs, Printers, Scanners, UPS	SI	T+5
	WAN Testing and VPN configuration	SI	T+5
	Arrangements of Power Backup (DG Set/UPS)	SI	
	Connectivity with DC	SI	
	Testing of CCTNS system from User perspective	SI	
	Connectivity with DC	SI	
	Testing of CCTNS system from User perspective	SI	
	Inspection and Suggestions	SPMU/Punjab Police	T+6
	CAS Operational at all Higher Offices	SI	
	Approval from Department	Punjab Police	

Deliverables and Associated Timelines			
Phase	Suggested Activities	Responsibilities	Time lines (month)
	Data Migration		
	Data Migration Strategy document preparation	SI	T+4
	Approval from SPMU & Department and Change Incorporation in case of suggestions	SI, SPMU & Department	T+6
	Analysis of Data to be Migrated	SI	T+7
	Collection & Consolidation of Data	SI	T+12
	Data Migration	SI	T+18
	Data Security	SI	
	Certification from Department about authenticity of Migrated data	SI	
	Data Digitization		
	Analysis of Data to be Digitized	SI	T+3
	Collection & Consolidation of Data	SI	T+5
	Data Digitization	SI	T+15
	Data Validation & Re entry	SI	T+17
	Certification from Department about authenticity of Digitized data	SI	T+18
	Capacity Building		
	Creating awareness and Sensitization (Through seminars, meetings, workshops)	SI/Punjab Police	T+2
	Training of Master Trainers for CCTNS Application	SI	T+3
	Up-gradation & Revision of Basic Computer Training	SI	T+6
	Training of Core Application Software (CAS)	SI	
	System administration and Maintenance Training	SI	
	Handholding & Helpdesk Establishment		
	Starting of Handholding Support to PS for six months & Establishment of Helpdesk for PS & DC entire project period, Providing Technical Staff for DC	SI	T+6
Phase – II (D = T+6)	CCTNS Site Preparation (Remaining Police Stations)		
	Site Handover / Approval for CCTNS	Punjab Police	D+1
	Electrical & Local Area Networking Work	SI	D+3
	Procurement of Hardware, Software, Licenses	SI	
	Supply of the Furniture & Fixtures	SI	D+4
	Supply and Installation of Desktops/PCs, Printers, Scanners, UPS	SI	D+5

Deliverables and Associated Timelines			
Phase	Suggested Activities	Responsibilities	Time lines (month)
	WAN Testing and VPN configuration	SI	D+5
	Arrangements of Power Backup (DG Set/UPS)	SI	
	Connectivity with DC	SI	
	Testing of CCTNS system from User perspective	SI	
	Inspection and Suggestions	SPMU/Punjab Police	D+6
	Approval from Department	Punjab Police	
	Capacity Building (Phase II)		
	Creating awareness and Sensitization (Through seminars, meetings, workshops)	SI/Punjab Police	D+2
	Training of Master Trainers for CCTNS Application	SI	D+6
	Up-gradation & Revision of Basic Computer Training	SI	
	Training of Core Application Software	SI	
	System administration and Maintenance Training	SI	
	Helpdesk & Technical Support		
	Starting Helpdesk and Technical Support for phase II locations for entire project period	SI	D+6
Phase – III (C = D+6)	Upgrade to newer version of CAS and enhancements		
	Enhancement and Implementation of new state modules of CCTNS across the State	SI	C+1
	User Acceptance Testing	SI	C+2
	Change Request	SI	
	Final Implementation at all Police Stations	SI	C+3
	Capacity Building (Phase III)		
	Creating awareness and Sensitization (Through seminars, meetings, workshops)	SI/Punjab Police	C+2
	Training of Master Trainers for CCTNS Application	SI	C+6
	Up-gradation & Revision of Basic Computer Training	SI	
	Training of Core Application Software	SI	
	System administration and Maintenance Training	SI	
	Helpdesk & Technical Support		
	Starting Helpdesk and Technical Support for phase II locations for entire project period	SI	C+6
Go-Live of CCTNS Project in entire State	SI	C+6	
Operation and Maintenance Support	Support after Implementation Phases after Go-Live		
	Operations and Maintenance support	SI	Go live + 36
	Warranty and AMC services	SI	



Deliverables and Associated Timelines			
Phase	Suggested Activities	Responsibilities	Time lines (month)
	Continuations of Helpdesk for Providing Support to all Locations	SI	
	Regular supervision, monitoring and extending support to department for smooth functioning of project.	SI/SPMU	

## Annexure – D: Bill of Material

### A. Bill of Material – Software Solution:

The SI will ensure that all the licenses of proposed application / system software etc. procured for this project are procured in the name of IGP, Nodal Officer, CCTNS, Punjab Police and shall be as per requirement of this RFP.

Note: Technical Statement for software solutions mentioned in the “Solution Information and Bill of Material Software solution” part of Volume-II of this RFP should be considered for Bill of Material Software Solutions

### B. Bill of Material – Infrastructure:

Technical Compliance Statement mentioned in the in Bill of Quantity and Technical Specifications given in Volume-I of this RFP should be considered for Bill of Material Infrastructure.

## Annexure – E: Roles & Responsibilities of the Parties

### 1. Roles and Responsibilities of System Integrator:

- 1) Preparation of Detailed Project Plan in line with the overall plan provided in the RFP. The same should be prepared in consultation with Punjab Police or its nominated agency
- 2) Procure, install, commission, operate and maintain:
  - a) Requisite hardware & system software at Police Units, Data Center and other locations as per the requirements mentioned in this RFP
  - b) Networking equipments, connectivity services and LAN as per the requirements mentioned in this RFP,
  - c) Meet the defined SLAs for the performance of the system.
- 3) Addressing technology obsolescence by appropriate up-gradation, replacement, and / or replenishment of systems deployed at various locations (data center, HQ and other locations).
- 4) Insure the entire hardware against the infrastructure deployed at various locations for the entire duration of the contract against vandalism, theft, fire and lightening.
- 5) Keep all system software i.e. OS, antivirus, office applications etc., for Servers, PCs etc. at Data Centre and various locations, up to date by installing regular upgrades / patches.
- 6) Rectification of system software problems due to crashing or malfunctioning of the OS, RDBMS, or front end within the time limits to meet the SLAs as defined in RFP Volume 1.
- 7) Develop / customize, deploy and maintain the requisite Software Solution as per the requirements of the Department at concerned locations.
- 8) Provide necessary support for the resolution of bugs, patches, & upgrades of the software solution.
- 9) Provide necessary manpower for managing the Change Requests.
- 10) Design various manuals like User manual, Trouble Shooting manual etc. for the system.
- 11) Provide training on application modules to the staff members and stakeholders of the Department
- 12) Maintain the business continuity.

- 13) Deploy the required manpower to manage the operations.
- 14) Ensuring the SLAs for downtime of system, software customization, procurement and delivery of hardware & networking equipments, errors in data entry, etc. as defined in RFP Volume 1 are met.
- 15) Management and quality control of all services and infrastructure.
- 16) Any other services which is required for the successful execution of the project.
- 17) Regular Backup as per the schedule and Disaster Recovery.
- 18) Generation of MIS reports as per the requirements of Punjab Police.
- 19) Generation of the report for the monitoring of SLAs.
- 20) Meet the minimum defined Technical Specifications for the IT Infrastructure including Hardware and networking equipments keeping in mind the application and future requirements of the Punjab Police.

2. Roles and Responsibilities of Punjab Police or its nominated agency:

- 1) Provide adequate space for setting up of infrastructure, software development and other activities to be carried out by the Bidder.
- 2) Coordination between all the Police Units for providing necessary information for the study and development / customization of the necessary solution.
- 3) Co-ordination with Punjab SWAN Operator and other state agencies to assist the selected bidder in execution of the project.
- 4) Coordinate with Bidder for conducting workshops for the Stakeholder departments.
- 5) Provide the data available in the form of physical files or existing databases to the selected bidder for digitization purposes.
- 6) Deployment of staff members of the Department for verification of the digitized data within the defined timelines.

- 7) Ensure that Data Backups are being taken regularly by bidder as per the schedule agreed upon.
- 8) Ensure that the hardware and other infrastructure deployed by the bidder at HQ, DC etc. meets the minimum specifications as mentioned in RFP and is maintained properly to meet the SLAs as defined in RFP.
- 9) Monitoring of overall timelines, SLAs and calculation of penalties accordingly.
- 10) Conducting UAT for the application solution deployed.
- 11) Issuing the Acceptance Certificate on successful deployment of the software application, hardware deployed, digitized data and for other components of the Scope of Work (wherever required).
- 12) Any other requirements that could arise during operations for effective governance and to meet any administrative requirement.
- 13) To create internal capacity now for execution of the project after takeover from the bidder.
- 14) Ensuring the staff members and other stakeholders attend the training programs as per the schedule defined by the SI and agreed upon by Punjab Police or its nominated agency
- 15) Provide sign off on the deliverables of the project including SRS, design documents etc. as defined in the RFP document.