

**Request for Proposal
For
Selection of System Integrator (SI)
For
Deployment of
Enterprise eCOPS Solution
Under
CCTNS Project
For
Andhra Pradesh Police Department**



(Ref. No.: C.No 06/CCTNS/APeCOPS/SI-RFP/2011, Dated 27/05/2011)

Volume – III: Master Service Agreement

(Andhra Pradesh Society for Electronic Computerization of Police)

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List of Abbreviations

ADGP	Additional Director General of Police
APeCOPS	Andhra Pradesh Society for electronic Computerization of Police Services, Andhra Pradesh Police
AP Police	Andhra Pradesh Police
AFIS	Automated Fingerprint Identification System
AT	Acceptance Testing
BOM	Bill of Material
BPR	Business Process Reengineering
BSNL	Bharat Sanchar Nigam Limited
CAD	Computer Aided Dispatch
CAS	Core Application Software
CBI	Central Bureau of Investigation
CCIS	Crime and Criminals Information System
CCTNS	Crime & Criminal Tracking Network and Systems
CID	Criminal Investigation Department
CIPA	Common Integrated Police Application
CPMU	Central Program Management Unit
CrPC	Criminal Procedure Code
CTT	Core Technical Team
DCRB	District Crime Record Bureau
DG	Director General
DG Set	Diesel Generator Set
DGP	Director General of Police
DIG	Deputy Inspector General of Police
DIT	Department of Information Technology
DR	Disaster Recovery
DRC	Disaster Recovery Centre
DSP	Deputy Superintendent of Police

EMD	Earnest Money Deposit
EMS	Enterprise Management System
FIR	First Information Report
FRS	Functional Requirement Specifications
GIS	Geographical Information System
GO	Gazetted Officer
GOI	Government of India
GPS	Global Positioning System
GRP	Government Railway Police
HLD	High Level Design
HQ	Headquarters
ICT	Information & Communication Technology
IGP	Inspector General of Police
IIF	Integrated Investigation Forms
IO	Investigation Officer
IPC	Indian Penal Code
IT	Information Technology
LAN	Local Area Network
LIMS	Lawful Interception Monitoring System
LLD	Low Level Design
MHA	Ministry of Home Affairs
MIS	Management Information System
MMP	Mission Mode Project
MPLS	Multiprotocol Label Switching
NCR	Non-Cognizable Report
NCRB	National Crime Record Bureau
NDA	Non Disclosure Agreement
NeGP	National eGovernance Plan
NGO	Non-Gazetted Officer

NIC	National Informatics Centre
NOC	No Objection Certificate
OEM	Original Equipment Manufacturer
PCR	Police Control Room
PHQ	Police Headquarters
RFP	Request for Proposal
RTI	Right To Information
SAN	Storage Area Network
SCRB	State Crime Record Bureau
SDA	Software Development Agency
SDC	State Data Centre
SDPO	Sub-Division Police Office
SHO	Station House Officer
SI	System Integrator
SITC	Supply, Installation, Testing and Commissioning
SLA	Service Level Agreement
SOA	Service Oriented Architecture
SP	Superintendent of Police
SPMC	State Project Management Consultants
SPMU	State Program Management Unit
SRS	Software Requirement Specifications
SWAN	State Wide Area Network
SyRS	System Requirement Specifications
UAT	User Acceptance Testing
UT	Union Territory
VPN	Virtual Private Network
XML	Extensible Markup Language

Glossary of Terms

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

- **“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 APeCOPS, 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 APeCOPS signs the agreement for rendering of services for implementation of this project.
- **“Proposal/Bid”** means the Pre-Qualification, Technical and Commercial bids submitted for this project against this RFP.
- **“Requirements”** shall mean and include all the reports prepared by APeCOPS & 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 Enterprise eCOPS and advanced applications mentioned in Volume-I of the RFP implemented during the respective Phases-I & II.
 - b) Site Preparation including furniture, creation of LAN, electrical works, etc., as mentioned in Volume-I of the RFP, during that phase after verification and approval by APeCOPS or its constituted committees or representatives.
 - c) Successful Data digitization / Data migration after verification and approval by APeCOPS or its constituted committees or representatives.
 - d) Training and Certification of all the trainees trained on the Enterprise eCOPS and advanced applications as mentioned in Volume-I of the RFP.
 - e) Procurement, deployment, and commissioning of the hardware at Data Centre, DR Centre and other locations required to support the functioning of Enterprise eCOPS and advanced applications.
 - f) Procurement, deployment and commissioning of the networking equipments and provisioning of desired connectivity required to support the functioning of Enterprise eCOPS and advanced applications.
 - g) Achievement of the Service Levels as expected during the project.
 - h) Integration of existing applications and migration of existing data.
 - i) Integration of applications with external agencies.
 - j) Acceptance / Sign off from APeCOPS or its constituted committees or representatives.

1 Request for Proposal Datasheet

Refer to **Volume-I** of this RFP for Data Sheet.

2 Master Services Agreement

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

BETWEEN

The Chief Executive Officer, APeCOPS, Andhra Pradesh Police O/o The IGP (PCS&S), 4th Floor, DGP Office Complex, Lakdi-ka-pul, Hyderabad 500004, India (hereinafter referred to as **“APeCOPS”** 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. APeCOPS 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 Andhra Pradesh 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, APeCOPS 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) vide reference no. <_____> dated <_____>.
3. The successful bidder has been selected as the System Integrator on the basis of Bid Details set out as **Annexure-D** 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:

2.1 Definitions and Interpretations

2.1.1 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**’ shall mean a period of 24 hours running from midnight to midnight;
- g) References to times are to Indian Standard Time;
- h) System integrator (SI) has been used for the same entity i.e. bidder selected for the project.

2.2 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.

2.3 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.

2.4 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.

2.5 Scope of the Project

The System Integrator shall be required to follow the scope of work as defined in the Volume-I of the RFP document. 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 the Volume-I of the RFP.

2.5.1 Terms & Duration of the Project

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

- i. Successful implementation / Go-Live of the project in Phases (as defined in RFP Volume-I) within the defined period from the date of signing of contract. The Successful implementation / Go-Live of a Phase will include:
 1. Successful deployment, commissioning, and UAT of the Enterprise eCOPS and advanced applications;
 2. Site preparation including furniture, creation of LAN, electrical works, etc. during that phase after verification and approval by APeCOPS or its constituted committees or representatives;
 3. Successful data digitization and data migration after verification and approval by APeCOPS or its constituted committees or representatives;
 4. Training and certification of all trainees, trained on the enterprise eCOPS and advanced applications;
 5. Procurement, deployment, and commissioning of the hardware at Data Center, DR Centre and other locations required to support the functioning

- of Enterprise eCOPS and advanced applications;
6. Procurement, deployment and commissioning of the networking equipment and provisioning of desired connectivity required to support the functioning of Enterprise eCOPS and advanced applications and/or up gradation of bandwidth requirement at the existing locations;
 7. Achievement of the Service Levels as expected during the project;
 8. Integration of existing application and migration of existing data;
 9. Acceptance / Sign off from APeCOPS or its constituted committees or representatives.
- ii. Operations and Maintenance of the systems for a period of five years from the Successful Implementation / Go-Live of the respective Phases of Enterprise eCOPS project
 - iii. Hence, the Overall "Term" for the Project will be at least six and a half years i.e. one and half year of implementation and five years of O&M.
 - iv. 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 of the respective Phase to the satisfaction of APeCOPS or its nominated agencies.

2.6 Conditions Precedent & Effective Date

2.6.1 Provisions to take effect upon fulfillment 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, APeCOPS 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.

2.6.2 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 APeCOPS or its nominated agencies; and
- b) to provide the APeCOPS 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 APeCOPS or its nominated agencies under this Agreement shall commence from the fulfillment of the Conditions Precedent as set forth above.

2.6.3 Extension of time for fulfillment 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.

2.6.4 Non-fulfillment 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 APeCOPS 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 APeCOPS or its nominated agencies shall not be liable in any manner whatsoever to the System Integrator and the EMD/ Performance Guarantee given by the System Integrator shall be forfeited.
- c) In the event that possession of any of the APeCOPS 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 APeCOPS or its nominated agencies, free and clear from any encumbrances or claims.

2.7 Obligations under the SLA

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

2.7.3 Change of Control

- a) In the event of a change of control of the System Integrator during the Term, the SI shall promptly notify APeCOPS 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 APeCOPS or its nominated agencies may within 30 days of becoming aware of such change in control, require a replacement of existing Performance Guarantee furnished by SI from a guarantor acceptable to the APeCOPS 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 APeCOPS or its nominated

agencies requiring the replacement, the APeCOPS 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 2.16.2 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.

2.7.4 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 APeCOPS, guided by the following principles:

- a) APeCOPS 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.

2.7.5 The Parties shall 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 APeCOPS 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, APeCOPS 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.

2.8 Representations and Warranties

2.8.1 Representations and warranties of the System Integrator

The System Integrator represents and warrants to the APeCOPS 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 APeCOPS"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 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;
- k) 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;
- l) no representation or warranty by it contained herein or in any other document furnished by it to APeCOPS 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
- m) 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 APeCOPS or its nominated agencies in connection therewith.

2.8.2 Representations and warranties of the APeCOPS or its nominated agencies

APeCOPS 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 APeCOPS 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.

2.9 Undertakings of the APeCOPS or its Nominated Agencies

Without prejudice to any other undertakings or obligations of the APeCOPS or its nominated agencies under this Agreement the APeCOPS 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) APeCOPS 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.

2.10 Obligations of the System Integrator

- a) It shall provide to the APeCOPS 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 APeCOPS or its nominated agencies regarding matters which would assist APeCOPS or its nominated agencies in its use of the Services, provided that System Integrator shall not be obligated to share other APeCOPS information or Confidential Information of System Integrator not relevant to this Agreement;
- c) It shall perform the Services as set out in 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.

2.11 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 APeCOPS 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 APeCOPS or its nominated agencies will co-operate with each other in achieving a reasonable alternative arrangement as soon as reasonably practicable for the APeCOPS 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.

2.12 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 APeCOPS 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.**

2.13 Access to the APeCOPS or its Nominated Agencies Locations

For so long as the System Integrator provides services to the APeCOPS or its nominated agencies location, as the case may be, on a non-permanent basis and to the extent necessary, the APeCOPS 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 APeCOPS 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 APeCOPS or its nominated agencies employees, to the APeCOPS 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 APeCOPS 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 APeCOPS 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-I** 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).

2.14 Management Phase

2.14.1 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.

2.14.2 Use of Services

- a) The APeCOPS 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 APeCOPS as the case may be or its nominated agencies shall be responsible for the operation and use of the Deliverables resulting from the Services.

2.14.3 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.

2.14.4 Security and Safety

- a) The System Integrator shall comply with the directions issued from time to time by the APeCOPS 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 APeCOPS 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 APeCOPS 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 APeCOPS 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 APeCOPS 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 APeCOPS 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 APeCOPS as the case may be.

2.14.5 Co-operation

Except as otherwise provided elsewhere in this Agreement or the SLA, the Providing Party ("**System Integrator**") to this Agreement or to the SLA undertakes promptly to provide the Receiving Party ("**APeCOPS**") with all such information and co-operation which the APeCOPS 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.

2.15 Finances

2.15.1 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 APeCOPS 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 may be provided for in the SLA. For the avoidance of doubt, it is expressly clarified that the APeCOPS will pay the service credits as stated in accordance with the **Schedule-VI** of this Agreement and the APeCOPS 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 APeCOPS 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 the **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.

2.15.2 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 APeCOPS 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 APeCOPS.
- 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 charge relating to such Service is authorized or incurred.
- c) Payment shall be made within 30 working days of the receipt of invoice along with supporting documents by the APeCOPS subject to penalties. The penalties are imposed on the System Integrator as per the SLA criteria specified in the SLA.
- d) The APeCOPS 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 APeCOPS 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 APeCOPS under this Clause shall not entitle the System Integrator to delay or withhold provision of the Services.
- e) The APeCOPS 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 APeCOPS 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 APeCOPS 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.

2.15.3 Tax

- a) The APeCOPS 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 APeCOPS or its nominated agencies shall provide System Integrator with the original tax receipt of any withholding taxes paid by APeCOPS or its nominated agencies on payments under this Agreement. The System Integrator agrees to reimburse and hold the APeCOPS 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 APeCOPS 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 co-operate 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.

2.16 Termination

2.16.1 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 APeCOPS or the System Integrator 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-I** of RFP which translates into Material Breach, then the APeCOPS 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 APeCOPS will have the option to terminate this Agreement.
 - ii. If there is a Material Breach by the APeCOPS or its nominated

agencies which results in not providing support for effecting data migration and / or not providing the certification of User Acceptance **provided SI has completed all its obligations as specified in this agreement**, then the System Integrator will give a one month's notice for curing the Material Breach to the APeCOPS. After the expiry of such notice period, the System Integrator will have the option to terminate the Agreement

- b) The APeCOPS 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 2.7.3, and such notice shall become effective at the end of the notice period as set out in Clause 2.7.3 (c).
- c) In the event that System Integrator undergoes such a change of control, APeCOPS may, as an alternative to termination, require full Performance Guarantee for the obligations of System Integrator by a guarantor acceptable to APeCOPS or its nominated agencies. If such a guarantee is not furnished within 30 days of APeCOPS's demand, the APeCOPS 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.

2.16.2 Effects of Termination

- a) In the event that APeCOPS 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 APeCOPS 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 APeCOPS will decide the appropriate course of action.

2.16.3 Termination of this Agreement due to bankruptcy of System Integrator

The APeCOPS 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 APeCOPS or its nominated agencies;
- b) APeCOPS or its nominated agencies apprehending a similar event

2.17 Indemnification

2.17.1 Subject to Clause 2.17.2 below, System Integrator (the "Indemnifying Party") undertakes to indemnify APeCOPS (the "Indemnified Party") from and against all Losses on account of bodily injury, death or damage to tangible personal property arising in favour 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.

2.17.2 The indemnities shall be subject to the following conditions:

- a) 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;
- b) 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;
- c) 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;
- d) 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;
- e) all settlements of claims subject to indemnification under this Article will:
 - i. 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
 - ii. include any appropriate confidentiality agreement prohibiting disclosure of the terms of such settlement;
- f) 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;
- g) 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;
- h) 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

- i) if a Party makes a claim under the indemnity set out under Clause 2.17.1 above 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).

2.18 Force Majeure

2.18.1 The System Integrator or the APeCOPS 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*").

2.18.2 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 except as 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 APeCOPS or any of their nominated agencies of any material assets or rights of the System Integrator;
- c) unlawful or unauthorized revocation of, or refusal by APeCOPS or any of their nominated agencies, GoI 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) unlawful or unauthorized revocation of, or refusal by any authority other than the APeCOPS 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;
- f) any requisition of the Project by any other authority; or
- g) any requisition of the Project by the APeCOPS or any of their nominated agencies.
- h) 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:

- a) 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.

2.18.3 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 2.23 of this

agreement.

- 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.

2.18.4 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:
- i. 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.
 - ii. upon occurrence of a political event and any Other Event of Force Majeure, all Force Majeure Costs attributable to such Events, and not exceeding the Insurance Cover for such Events, and to the extent Force Majeure costs exceed such Insurance Cover shall be borne by the System Integrator
 - iii. 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.
 - iv. 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.

2.18.5 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.

2.19 Confidentiality

- a. The APeCOPS 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 APeCOPS 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 APeCOPS with respect to this Project.
- e. The System Integrator shall not reverse engineer, disassemble or decompile any prototypes or software or other tangible objects which embody the confidential information and which are provided to the APeCOPS hereunder.
- f. The System Integrator undertakes to protect the confidential information with the same degree of care as it uses to protect its own confidential information, but in all events will use at least a reasonable degree of care to protect the confidential information received by it under this Agreement. In addition to such degree of care, the System Integrator agrees not to anyway disclose, copy, reproduce, modify, use (except as permitted under this Agreement or otherwise transfer the confidential information to any other person or entity without prior written consent from the APeCOPS.
- g. For the avoidance of doubt, it is expressly clarified that the aforesaid provisions shall not apply to the following information:
 - i. information already available in the public domain;
 - ii. information which has been developed independently by the System Integrator;
 - iii. information which has been received from a third party who had the right to disclose the aforesaid information;
 - iv. information which has been disclosed to the public pursuant to a court order.

2.20 Audit, Access, and Reporting

The System Integrator shall allow access to the APeCOPS 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 APeCOPS to comply with the terms of the Audit, Access and Reporting Schedule set out as **Schedule IV** of this Agreement.

2.21 Intellectual Property Rights

2.21.1 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 APeCOPS. The System Integrator 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 APeCOPS 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.

2.21.2 Enterprise eCOPS

SI shall neither hold nor shall claim to have any type of right(s) for the development and customization made in the existing applications modules of eCOPS and other applications 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 APeCOPS.

2.21.3 Bespoke development:

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

2.21.4 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 non-exclusive 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 SI should grant APeCOPS 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 APeCOPS 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.

APeCOPS'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 SI leaves with APeCOPS at the conclusion of performance of the services.

2.22 Miscellaneous

2.22.1 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 APeCOPS 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 that such personnel have appropriate qualifications to perform the Services. After discussion with System Integrator, APeCOPS 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 APeCOPS 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 APeCOPS, or its nominated agencies with regard to the Services being provided by the System Integrator as and when required by the APeCOPS or its nominated agencies during the Term of this Project. The parameters of the training required for these employees of APeCOPS or its nominated agencies shall be communicated by APeCOPS 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 APeCOPS or its nominated agencies identifies any personnel of System Integrator as "Key Personnel", then neither the System Integrator shall remove such personnel from the APeCOPS or its nominated agencies engagement without the prior written consent of APeCOPS 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. APeCOPS 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.

2.22.2 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.

2.22.3 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. Also, 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 APeCOPS or its nominated agencies from any claims on the grounds stated hereinabove.

2.22.4 Assignment

- a) All terms and provisions of this Agreement shall be binding on and shall inure to the benefit of the APeCOPS and their respective successors and permitted assigns.
- b) Subject to Clause 2.7.3 above, the System Integrator shall not be permitted to assign its rights and obligations under this Agreement to any third party.
- c) The APeCOPS 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 APeCOPS or any of its nominees.

2.22.5 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 APeCOPS or its APeCOPS lists for reference to third parties subject to the prior written consent of APeCOPS not to be unreasonably withheld or delayed. Such approval shall apply to each specific reference and relate only to that reference.

2.22.6 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 Chief Executive Officer
APeCOPS,
O/o The IGP (PCS&S)
4th Floor, DGP Complex
Lakdi-ka-pul, Hyderabad 500004
Tel:
Fax:
Email:
Contact:

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.

2.22.7 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.

2.22.8 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.

2.22.9 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.

2.22.10 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.

2.22.11 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 APeCOPS 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 APeCOPS standard policies and may result in cancellation of this Agreement, or the SLA.

2.22.12 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.

2.22.13 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.

2.23 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 APeCOPS 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 APeCOPS. 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 Hyderabad, India.

c) Any legal dispute will come under Andhra Pradesh State jurisdiction only.

2.24 Limitation on Liability

Neither party shall be liable to the other for any special, indirect, incidental, consequential (including loss of profit or revenue), exemplary or punitive damages whether in contract, tort or other theories of law, even if such party has been advised of the possibility of such damages.

The total cumulative liability of System Integrator arising from or relating to this Agreement shall not exceed the total amount to be paid by APeCOPS under this assignment that gives rise to such liability (as of the date the liability arose); provided, however, that this limitation shall not apply to any liability for damages arising from

- a) Willful misconduct or
- b) Indemnification against third party claims for infringement.

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 APeCOPS, Andhra Pradesh Police

Signature _____

Name _____

Designation _____

Date _____

For and on behalf of System Integrator:-

Signature _____

Name _____

Designation _____

Date _____

WITNESSES: -

1. Signature	2. Signature
Name	Name
Designation	Designation
Date	Date

3 Schedules

3.1 Schedule – I (Definition)

Adverse Effect	<p>means material adverse effect on:</p> <p>(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</p> <p>(b) the legal validity, binding nature or enforceability of this Agreement;</p>
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 APECOPS 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 2.12 (a)
Software	means the software (Enterprise eCOPS and advanced applications) 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 APeCOPS which is 8:00 AM to 8:00 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;
Certificate(s) of Compliance	shall have the same meaning ascribed to it in Clause 2.7.4.;
Confidential Information	means all information including Andhra Pradesh 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	<p>means, in relation to any business entity, the power of a person to secure:</p> <p>(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;</p>
CCTNS Solution	Shall comprise of software, hardware and networking components used for implementation of Enterprise eCOPS and advanced applications under CCTNS project in Andhra Pradesh Police and at external agencies
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, source code and all its modifications; data migration related), inter alia payment and/or process related etc.,
Proprietary Information	shall have the same meaning ascribed to it in Clause 2.21.1
Effective Date	shall have the same meaning ascribed to it in Clause 2.5.1 (iv)
Andhra Pradesh Police Data	means all proprietary data of the department or its nominated agencies generated out of operations and transactions 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	<p>shall be conducted on completion of the following:</p> <ol style="list-style-type: none"> 1) CCTNS Solution deployed and Operational at Data Center 2) Deployment & operational of hardware and networking at requisite locations, 3) UAT of the overall integrated solution.
Final Testing and Certification Agency	shall have the same meaning ascribed to it in Clause 2.7.4
Force Majeure	shall have the same meaning ascribed to it in Clause 2.18.1

Force Majeure Costs	shall have the same meaning ascribed to it in Clause 2.18.4
Gol	means the Government of India;
Indemnifying Party	shall have the same meaning ascribed to it in Clause 2.17
Indemnified Party	shall have the same meaning ascribed to it in Clause 2.17
Intellectual Property Rights	means all rights in written designs and copyrights, moral rights, rights in databases and Bespoke Software/ Enterprise e-COPS/ 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 (APeCOPS 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;
Minimum Required	shall have the same meaning ascribed to it in Annexure-C of this Agreement;
Parties	means Andhra Pradesh Society for electronic Computerization of Police Services (APeCOPS) and System Integrator for the purposes of this Agreement and " Party " shall be interpreted accordingly;
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 APeCOPS 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 APeCOPS as applicable and shall be notified at least two working days;
Project	means implementation of Phase-I, implementation Phase-II (for remaining districts) and Operations & Maintenance in terms of the Agreement

Project Implementation	means Project Implementation as per the testing standards and acceptance criteria prescribed by APeCOPS 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 Clause 2.7.4 of this Agreement;
State Project Monitoring Unit (SPMU)	Shall be selected by APeCOPS to monitor the activities, deliverables and progress of the Project. SPMU may be assisted by the staff members of the APeCOPS and / or a team of external experts
Project Timelines	shall have the same meaning ascribed to in Annexure-C ;
Providing Party	shall have the same meaning ascribed to it in Clause 2.14.5
Receiving Party	shall have the same meaning ascribed to it in Clause 2.14.5
Replacement System Integrator	means any third party that APeCOPS 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 APeCOPS's Intellectual Property Rights, rights and other authorizations as may be required to be obtained for the software and other items that APeCOPS 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 APeCOPS or its nominated agencies, employees of APeCOPS 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 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
Term	shall have the same meaning ascribed to it in Clause 2.5.1
Third Party Systems	means systems (or any part thereof) in which the Intellectual Property Rights are not owned by the APeCOPS 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 APeCOPS or AP 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 2.5
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

3.2 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 Enterprise eCOPS and advanced applications under CCTNS project shall be eligible under this schedule only after completion of six months handholding support post Go-Live of the complete CCTNS solution in the State.

The APeCOPS 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 APeCOPS 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.

3.2.1 Change Management Process

a) Change Control Note ("CCN")

- i. 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.
- ii. The SI and APeCOPS or its nominated agencies, during the Project Implementation Phase and the APeCOPS or its nominated agencies during the Operations and Maintenance 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 Annexure B of this agreement.
- iii. It is hereby also clarified 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, is calculated on the basis of bid value submitted by the System Integrator and accepted by the APeCOPS or its nominated agencies or as decided and approved by APeCOPS 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.
 - i. Prior to submission of the completed CCN to the APeCOPS, or its nominated agencies, the System Integrator 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.

3.3 Schedule – III: Exit Management Schedule

3.3.1 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 Maintenance, 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 respective obligations set out in this Exit Management Schedule.

3.3.2 Transfer of Assets

- a) APeCOPS 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 APeCOPS with a complete and up to date list of the Assets within 30 days of such notice. APeCOPS 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 APeCOPS 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 APeCOPS, APeCOPS 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:
 - i. 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 APeCOPS.
 - ii. All risk in and title to the Assets to be transferred / to be purchased by the APeCOPS pursuant to this Article shall be transferred to APeCOPS, on the last day of the exit management period.
 - iii. APeCOPS 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.
 - iv. Payment to the outgoing SI shall be made to the tune of last set of completed services /deliverables, subject to SLA requirements.
 - v. The outgoing SI will pass on to APeCOPS and/or to the Replacement SI, the subsisting rights in any leased properties/ licensed products on terms not less favorable to APeCOPS/ Replacement SI, than that enjoyed by the outgoing SI.

3.3.3 Co-operation and Provision of Information

During the exit management period:

- a) The System Integrator will allow the APeCOPS 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 APeCOPS to assess the existing services being delivered;
- b) promptly on reasonable request by the APeCOPS, 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 APeCOPS 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 APeCOPS 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.

3.3.4 Confidential Information, Security and Data

- a) The System Integrator will promptly on the commencement of the exit management period supply to the APeCOPS or its nominated agency the following:
 - i. information relating to the current services rendered and customer and performance data relating to the performance of sub-contractors in relation to the services;
 - ii. documentation relating to Project's Intellectual Property Rights;
 - iii. documentation relating to sub-contractors;
 - iv. all current and updated data as is reasonably required for purposes of APeCOPS or its nominated agencies transitioning the services to its Replacement System Integrator in a format proposed by the APeCOPS, or its nominated agency;
 - v. all other information (including but not limited to documents, records and agreements) relating to the services reasonably necessary to enable APeCOPS or its nominated agencies, or its Replacement System Integrator to carry out due diligence in order to transition the provision of the Services to APeCOPS 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 APECOPS 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 APeCOPS 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 APeCOPS or its nominated agency.

3.3.5 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 APeCOPS 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 APeCOPS 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.

3.3.6. Transfer of Certain Agreements

On request by the APeCOPS or its nominated agency the System Integrator shall effect such assignments, transfers, licenses and sub-licenses as the CEO, APeCOPS may require the same in the name of The Chief Executive Officer, APeCOPS, o/o IGP(PCS&S), 4th Floor, DGP Complex, Ladki-ka-pul, Hyderabad 500004, Andhra Pradesh 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 APECOPS or its nominated agency or its Replacement System Integrator.

3.3.7. 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 APeCOPS 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 APeCOPS 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 APeCOPS or its nominated agency 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 APeCOPS or its nominated agency, or a Replacement System Integrator.

3.3.8. 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 APeCOPS 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.

3.3.9. Exit Management Plan

- a) The System Integrator shall provide the APeCOPS 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.
 - i. 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;
 - ii. 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 APeCOPS's operations as a result of undertaking the transfer;
 - iii. (if applicable) proposed arrangements for the segregation of the System Integrator's networks from the networks employed by APeCOPS and identification of specific security tasks necessary at termination;
 - iv. Plans for provision of contingent support to APeCOPS and Replacement System Integrator for a reasonable period after transfer.
- b) The System Integrator shall re-draft the Exit Management Plan annually thereafter to ensure that it is kept relevant and up to date.

- c) Each Exit Management Plan shall be presented by the System Integrator to and approved by the APeCOPS or its nominated agencies.
- d) 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.
- e) In the event of termination or expiry of Agreement, and Project Implementation, each Party shall comply with the Exit Management Plan.
- f) During the exit management period, the System Integrator shall use its best efforts to deliver the services.
- g) Payments during the Exit Management period shall be made in accordance with the Terms of Payment Schedule.
- h) This Exit Management plan shall be furnished in writing to the APeCOPS or its nominated agencies within 90 days from the Effective Date of this Agreement.

3.4 Schedule – IV: Audit, Access and Reporting

3.4.1 Purpose

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

3.4.2 Audit Notice and Timing

- a) 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 APeCOPS or its nominated agency and thereafter during the operation Phase, the APeCOPS 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.
- b) The APeCOPS or its nominated agency may conduct non-timetabled audits at his/ her own discretion if they reasonably believe 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.
- c) The frequency of audits shall be half yearly, provided always that the APeCOPS 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.

3.4.3 Access

The System Integrator shall provide to the APeCOPS 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/ APeCOPS 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.

3.4.4 Audit Rights

The APeCOPS 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:

- i. The security, integrity and availability of all data processed, held or asked for by APeCOPS or its nominated agency and documentation related thereto;
- ii. That the actual level of performance of the services is the same as specified in the SLA;
- iii. That the System Integrator has complied with the relevant technical standards, and has adequate internal controls in place; and
- iv. The compliance of the System Integrator with any other obligation under the Agreement and SLA.
- v. **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.**
- vi. 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.

3.4.5 Audit Rights of Sub-Contractors, Suppliers and Agents

- a) 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 APeCOPS 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.
- b) **REPORTING:** The System Integrator will provide weekly/monthly/quarterly/half yearly reports to the APeCOPS or its nominated agency regarding any specific aspects of the Project and in context of the audit and access information as required by the APeCOPS or its nominated agency.

3.4.6 Action and Review

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

3.4.7 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.

3.4.8 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.

3.5 Schedule – V: Governance Schedule

3.5.1 Purpose

The purpose of this Schedule is to:

- i. Establish and maintain the formal and informal processes for managing the relationship between the APeCOPS and the System Integrator (including the outputs from other Schedules to this Agreement);
- ii. Define the principles that both Parties wish to follow to ensure the delivery of the Services;
- iii. Ensure the continued alignment of the interests of the Parties;
- iv. Ensure that the relationship is maintained at the correct level within each Party;
- v. Create the flexibility to revise and maintain the relationship and this Agreement during the Term;
- vi. Set out the procedure for escalating disagreements; and
- vii. Enable contract administration and performance management.

3.5.2 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, APeCOPS 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.

3.5.3 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 pre-reading 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 to formally submit a Disputed Matter to the aforesaid PIU, one Party ("Claimant") shall give a written notice ("Dispute Notice") to the other Party. The Dispute Notice shall be accompanied by (a) a statement by the Claimant describing the Disputed Matter in reasonable detail and (b) 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 7 days, it shall refer the Disputed Matter to next level (**State Empowered Committee of CCTNS Project**) of the dispute resolution for action.
- 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.

3.5.4 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 phases (Implementation Phase and Operations & Maintenance Phase) have been mentioned separately. Breakup of the overall project cost for the phases of the project have been given in the Schedule below.

3.6 Schedule-VI: Payment Schedule

The SI will sign a Service Level Agreement (SLA) with APeCOPS covering all the required services.

The payment schedule and milestones are divided into two phases:

- A. Implementation Phase
- B. Operations and Maintenance Phase

Any fluctuation in prices due to inflation, tax regulations, will be borne by the SI and not be passed on to APeCOPS.

Milestones and Payment Schedules are as given below:

S. No.	Payment Milestones	% Payment of Total Contract Value
A. Implementation Phase		60%
1.	M1: Advance against Bank Guarantee	10%
2.	M2: Pre-Go Live Readiness of the Phase I covering three districts with their Police Stations and Higher Offices including DC site	5%
3.	M3: Go-Live of the Phase I including operationalisation of EMS & helpdesk	10%
4.	M4: Pre-Go Live Readiness for Phase-II	10%
5.	M5: Go-Live of the Phase-II	10%

6.	M6: successful integration with CAS (Centre) external agencies with successful transfer of data for three months in succession	15%
B. Operations and Maintenance Phase		40%
8(a).	Half yearly over five years from the "Go-Live" date of Phase I , each installment being a maximum of 10% of 4% of total contract value depending upon the monthly performance level assessed on the basis of SLAs defined in this RFP	10% of 4% half yearly (Ten installments)
8(b).	Half yearly over five years from the "Go-Live" date of Phase II , each installment being a maximum of 90% of 4% of total contract value depending upon the monthly performance level assessed on the basis of SLAs defined in this RFP	90% of 4% half yearly (Ten installments)

Note: All payments to the System Integrator shall be made upon submission of invoices along with relevant sign-offs from APeCOPS.

1. Pre – Go Live Readiness of Districts under Phase requires Completion and Acceptance of the following activities in at least 85% of the Police Stations / Higher Offices in each of the Districts targeted under the Phase

- FRS, SRS, design documents, test cases and test plan
- Installation and Commissioning of Data Centre site
- Commissioning of Enterprise eCOPS and advanced applications
- Site Preparation
- Delivery and Commissioning of Client Site Infrastructure
- Networking
- Data Migration and Data Digitization
- Capacity Building Program covering the targeted personnel
- Change Management Initiatives covering the targeted personnel
- User Acceptance Testing

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

- Site Preparation
- Delivery and Commissioning of Client Site Infrastructure
- Installation and Commissioning of DR site
- Networking
- Data Migration and Data Digitization
- Capacity Building Program covering the targeted personnel
- Change Management Initiatives covering the targeted personnel
- Police stations and higher offices 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
- Successful operations of system as desired by the APeCOPS

Please note:

- The above payments are subject to meeting of SLAs, failing which the appropriate deductions will be made as mentioned in the SLA.
- All the hardware proposed under this project should be along with a Comprehensive AMC for 5 years post Successful Go-Live of the respective Phase-I & Phase-II.
- The System Integrator will also be responsible to maintain the comprehensive AMC for the existing hardware that SI will use during the implementation of this project after expiry of warranty/ AMC with existing contract.
- The System Integrator will also be responsible to maintain comprehensive warranty/ AMC of all the hardware proposed under the project till successful go-live of the project.
- Whenever the penalty is levied on System Integrator for failing to meet the required SLA, the penalty will be adjusted in the same half yearly installment payment.
- Any delay on account of APeCOPS officials (and not attributable to the SI) shall not be taken into account while computing adherence to service levels for the SI. While APeCOPS will ensure that any Sign off / Comments are provided within period of 15 working days from the submission of deliverables by the SI.

4 Service level Agreement

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

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 scheduled operation time. Further, scheduled maintenance time is planned downtime with the prior permission of the APeCOPS.
- 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 AP Police site infrastructure will be 24x7x365. The total operation time for the other AP 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 Andhra Pradesh Police / APeCOPS 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 Andhra Pradesh 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.
- h) **"Security Breaches"** mean any type of vulnerability such as unauthorized access/ manipulation to any of the hardware components or Enterprise eCOPS or any critical application of DC & DR sites or data by any unauthorized user through LAN/ Internet/ Intranet, portal/ website hacking.

3. Interpretations:

- a) The business hours are 8:00AM to 8:00PM on all working days (Mon-Sat) excluding Public Holidays or any other Holidays observed by the Andhra Pradesh Police (**Except Police Stations**). The SI however recognizes the fact that the Andhra Pradesh Police offices will require to work beyond the business hours on need basis.
- b) "Non-Business Hours "shall mean hours excluding "business 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, noncompliance 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 Andhra Pradesh Police / APeCOPS or an agency designated by them, then the Andhra Pradesh Police / APeCOPS 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 Andhra Pradesh Police / APeCOPS suggested format and a review shall be conducted based on this report. A monthly Availability and Performance Report shall be provided to the Andhra Pradesh Police / APeCOPS 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 Andhra Pradesh Police / APeCOPS upon review and signoff by SI and the Andhra Pradesh Police / APeCOPS. 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 Andhra Pradesh 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 Andhra Pradesh Police/APeCOPS and will be performed by the Andhra Pradesh Police / APeCOPS 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 Andhra Pradesh Police /

APeCOPS on a monthly basis. The tool should also be capable of generating SLA reports for a half-year. The Andhra Pradesh Police / APeCOPS will audit the tool and the scripts on a regular basis.

- i) The Post Implementation SLAs will prevail from the start of the Operations and Maintenance of respective Phases. 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 Andhra Pradesh Police / APeCOPS decides after taking the advice of the SI and other agencies. All the changes would be made by the Andhra Pradesh Police / APeCOPS 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 agreement. 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 Andhra Pradesh Police/APeCOPS 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 including the implementation phase. These requirements shall be strictly imposed and either the Andhra Pradesh Police/APeCOPS 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.

4.1 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	<p>Errors having “High” impact would amount from mistakes in section of offence/ FIR details/ Name of accused or complainant/ particulars of accused such as address, contact details, ID (DL No., passport No. etc.). High impacting errors shall have direct implications to penalties.</p> <p>Errors having “Low” impact would amount from other mistakes. 3 or less low impacting errors per case file will not be subjected for penalties, however mistakes would be corrected by SI at the time of such incident is reported.</p> <p>Severity of Violation: High</p> <p>This service level will be measured on a monthly basis for each Police Station / Higher Office.</p> <p>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.</p> <p>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.</p>

Delivery Related Service Level Agreement (SLA) Criteria

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

S. No.	Service Metrics Parameters	Baseline	Lower Performance		Violation of SLA		Basis of Measurement	Remarks
		Metric	Metric	Deduction	Metric	Deduction		
1	Delivery of the reports/ deliverables as defined in the implementation and roll out plan given in Section 6 of Vol-I	As per the timelines defined in the implementation and roll out plan given in Section 6 of Vol-I	One week after the due date	Rs. 10,000/- per week	>1 week after the due date	Rs. 20,000/- for every week of delay	Timelines for delivery of reports as in the implementation and roll out plan given in Section 6 of Vol-I	
2	System study, design, development, testing of enterprise e-COPS & its Integration with other applications including migrations of existing data & UAT (User Acceptance Testing) as per requirement mentioned in this RFP	12 Months from date of signing of contract	13-15 Months	Rs. 10,000/- per month of delay	> 15 Months	Rs. 1,00,000/- per month of delay	Months taken after beginning of the assignment to develop and test the application at the Data center by the Operator, not including the software audit by TPA	The application should be tested for desired functionalities, security, and completeness as well as compliance with SLA, within the period
3	Supply, installation	10 months (for	11-12 months	For	> 12 months	For	Months after	The deduction

Delivery Related Service Level Agreement (SLA) Criteria

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

S. No.	Service Metrics Parameters	Baseline	Lower Performance		Violation of SLA		Basis of Measurement	Remarks
		Metric	Metric	Deduction	Metric	Deduction		
	and Commissioning of hardware at police locations	Phase I) 13 months (for Phase II)	(for Phase I) 14 months (for Phase II)	Non-compliance at each site of deployment: Rs. 30,000/-	(for Phase I) > 14 months (for Phase II)	noncompliance at each site of deployment: Rs. 45,000/- Per Month	taking over of the office site for project	shall be made per site basis, where criterion is not satisfied
4	Supply, installation and Commissioning of the Data Center Equipment	6 months from the date of signing of Contract	6-7 months	Rs. 100,000/-	> 7months	Rs. 100,000 for every month of delay	Months taken after beginning of the assignment	APeCOPS may conduct independent audit to verify that the data center is as per the Specifications
5	Capacity building	All the trainees should pass the training	Less than 80% and more than 60% marks	Rs. 500/- Per Trainee	Less than 60% marks	Rs. 1000/- per trainee	Results from online examination test post training course	The feedback of the attendees must be taken after every training session/program and this feedback should

Delivery Related Service Level Agreement (SLA) Criteria

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

S. No.	Service Metrics Parameters	Baseline	Lower Performance		Violation of SLA		Basis of Measurement	Remarks
		Metric	Metric	Deduction	Metric	Deduction		
								be leveraged for improving the capacity building program
6	Data Digitization	Error rate in a batch during verification should be less than 0.5%	Error rate between 0.5% and 5%	Rs 5,000 per batch and correction of records	Error rate of over 5%	Rs. 10,000 per batch and the entire batch to be re-done	Error rate in a batch during verification	Error rate is measured by percentage of records with corrections marked by the designated officials
7	Maintenance Phase	All the issues reported regarding hardware, software etc. should be resolved within 24 hours (within	Resolution of issues within 2 working days of reporting	Rs. 500/- per instance	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	

Delivery Related Service Level Agreement (SLA) Criteria

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

S. No.	Service Metrics Parameters	Baseline	Lower Performance		Violation of SLA		Basis of Measurement	Remarks
		Metric	Metric	Deduction	Metric	Deduction		
		1 working day)						

Note: Based on the requirement, above service levels can be changed at the time of project execution.

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 is 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.

4.2 Post Implementation Phase SLAs:

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

- a) **Production enterprise eCOPS and advanced applications** - The failure or disruption has a direct impact on the Andhra Pradesh Police'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) **Other Systems in Production and Non Production Systems (Development, QA, and Training)**. The failure or disruption has no direct impact on the Andhra Pradesh Police's ability to serve its police stations / higher offices, or perform critical back-office functions.
 - i. Production Non enterprise eCOPS Servers.
 - ii. Test, QA and Training Servers.
 - iii. Helpdesk infrastructure & applications.
 - iv. EMS Infrastructure.

- c) **Enterprise e-COPS Components and advanced applications** The failure or disruption has a direct impact on the Andhra Pradesh Police'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 Enterprise eCOPS and advanced applications Components** The failure or disruption has no direct impact on the Andhra Pradesh Police'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 Description	Measurement	
<p>Infrastructure Availability</p> <p>Availability of production Enterprise eCOPS systems and advanced applications shall be at least 99%</p> <p>Severity of Violation: High</p>		
	<p>Availability over the six month period</p>	<p>Violations for calculation of penalty</p>
	<p>< 99% & >= 98.5%</p>	<p>1</p>
	<p>< 98.5% & >= 98%</p>	<p>2</p>
	<p>< 98%</p>	<p>3</p>
<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 % drop for each such month to the overall violations for this service level.</p>		
<p>Infrastructure Availability</p> <p>Availability of non-Enterprise eCOPS and advanced applications in production and non-production systems shall be at least 97%.</p> <p>Severity of Violation: Medium</p>		
	<p>Availability over the six month period</p>	<p>Violations for calculation of penalty</p>
	<p>< 97% & >= 96.5%</p>	<p>1</p>
	<p>< 96.5% & >= 96%</p>	<p>2</p>
	<p>< 96%</p>	<p>3</p>
<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 % drop for each such month to the overall violations for this service level.</p>		
<p>Infrastructure Availability</p>	<p>Recovery Time Objective (RTO) shall be less than or equal to six (6) hours.</p> <p>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>Recovery Point Objective (RPO) should be zero minutes. (Zero data loss in case of failure of Primary DC).</p> <p>Severity of Violation: High</p> <p>Each instance of non-meeting this service level will be treated as two (2) violations.</p>	

<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.</p> <p>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="534 517 1476 712"> <thead> <tr> <th data-bbox="534 517 997 600">Number of instances over the six month period</th> <th data-bbox="997 517 1476 600">Violations for calculation of penalty</th> </tr> </thead> <tbody> <tr> <td data-bbox="534 600 997 651">>0 & <=3</td> <td data-bbox="997 600 1476 651">1</td> </tr> <tr> <td data-bbox="534 651 997 712">>3</td> <td data-bbox="997 651 1476 712">2</td> </tr> </tbody> </table> <p>In addition to the above, if the number of instances in any month in the six-month period exceeds 3, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	Number of instances over the six month period	Violations for calculation of penalty	>0 & <=3	1	>3	2
Number of instances over the six month 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="534 1211 1476 1406"> <thead> <tr> <th data-bbox="534 1211 997 1294">Number of instances over the six month period</th> <th data-bbox="997 1211 1476 1294">Violations for calculation of penalty</th> </tr> </thead> <tbody> <tr> <td data-bbox="534 1294 997 1346">>0 & <=3</td> <td data-bbox="997 1294 1476 1346">1</td> </tr> <tr> <td data-bbox="534 1346 997 1406">>3</td> <td data-bbox="997 1346 1476 1406">2</td> </tr> </tbody> </table> <p>In addition to the above, if the number of instances in any month in the six- month period exceeds 3, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	Number of instances over the six month period	Violations for calculation of penalty	>0 & <=3	1	>3	2
Number of instances over the six month 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="533 524 1460 714"> <thead> <tr> <th data-bbox="533 524 995 602">Number of instances over the six month period</th> <th data-bbox="995 524 1460 602">Violations for calculation of penalty</th> </tr> </thead> <tbody> <tr> <td data-bbox="533 602 995 658">>0 & <=3</td> <td data-bbox="995 602 1460 658">1</td> </tr> <tr> <td data-bbox="533 658 995 714">>3</td> <td data-bbox="995 658 1460 714">2</td> </tr> </tbody> </table> <p>In addition to the above, if the number of instances in any month in the six- month period exceeds 3, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	Number of instances over the six month period	Violations for calculation of penalty	>0 & <=3	1	>3	2		
Number of instances over the six month period	Violations for calculation of penalty								
>0 & <=3	1								
>3	2								
<p>Application Availability</p>	<p>Availability of Enterprise e-COPS solution components measured within the Data Center shall be at least 98%</p> <p>Severity of Violation: High</p> <p>This service level will be monitored on a monthly basis.</p> <table border="1" data-bbox="533 1173 1533 1453"> <thead> <tr> <th data-bbox="533 1173 1032 1267">Availability over the six-month period</th> <th data-bbox="1032 1173 1533 1267">Violations for calculation of penalty</th> </tr> </thead> <tbody> <tr> <td data-bbox="533 1267 1032 1328"><98% & >=96%</td> <td data-bbox="1032 1267 1533 1328">1</td> </tr> <tr> <td data-bbox="533 1328 1032 1388"><96% & >=94%</td> <td data-bbox="1032 1328 1533 1388">2</td> </tr> <tr> <td data-bbox="533 1388 1032 1453"><94%</td> <td data-bbox="1032 1388 1533 1453">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 94%, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	Availability over the six-month period	Violations for calculation of penalty	<98% & >=96%	1	<96% & >=94%	2	<94%	3
Availability over the six-month period	Violations for calculation of penalty								
<98% & >=96%	1								
<96% & >=94%	2								
<94%	3								

<p>Application Availability</p>	<p>Availability of non-enterprise E-COPS solution components measured within the Data Center shall be at least 97%</p> <p>Severity of Violation: Medium</p> <p>This service level will be monitored on a monthly basis.</p> <table border="1" data-bbox="531 412 1458 604"> <thead> <tr> <th data-bbox="531 412 995 495">Availability over the six month period</th> <th data-bbox="995 412 1458 495">Violations for calculation of penalty</th> </tr> </thead> <tbody> <tr> <td data-bbox="531 495 995 546">>97% & <=96%</td> <td data-bbox="995 495 1458 546">1</td> </tr> <tr> <td data-bbox="531 546 995 604">>96%</td> <td data-bbox="995 546 1458 604">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>	Availability over the six month period	Violations for calculation of penalty	>97% & <=96%	1	>96%	2		
Availability over the six month period	Violations for calculation of penalty								
>97% & <=96%	1								
>96%	2								
<p>Application Performance</p>	<p>Average application response time during peak usage hours as measured from APeCOPS location within the Data Center shall not exceed 4 seconds.</p> <p>Severity of Violation: High</p> <p>The list of critical business functions and peak usage hours will be identified by the Andhra Pradesh Police / APeCOPS during the Supply and System Integration Phase.</p> <p>This service level will be monitored on a monthly basis.</p> <table border="1" data-bbox="531 1352 1520 1608"> <thead> <tr> <th data-bbox="531 1352 1034 1420">Average application response time over the six-month period</th> <th data-bbox="1034 1352 1520 1420">Violations for calculation of penalty</th> </tr> </thead> <tbody> <tr> <td data-bbox="531 1420 1034 1480">>4s & <=5s</td> <td data-bbox="1034 1420 1520 1480">2</td> </tr> <tr> <td data-bbox="531 1480 1034 1541">>5s & <=6s</td> <td data-bbox="1034 1480 1520 1541">4</td> </tr> <tr> <td data-bbox="531 1541 1034 1608">>6s</td> <td data-bbox="1034 1541 1520 1608">5</td> </tr> </tbody> </table> <p>In addition to the above, if the average turnaround time in any month in the six-month period goes beyond 6s, one (1) additional violation will be added for each such month to the overall violations for this service level.</p>	Average application response time over the six-month period	Violations for calculation of penalty	>4s & <=5s	2	>5s & <=6s	4	>6s	5
Average application response time over the six-month period	Violations for calculation of penalty								
>4s & <=5s	2								
>5s & <=6s	4								
>6s	5								

- (g) Every incidence of security breach would be considered high severity of violation and would be treated as 5 violations for calculation of penalty. AP Police would also have discretion to appoint third party agency for security audit of the entire CCTNS system.

2. AP Police / APeCOPS Site Infrastructure Systems

- a) **Critical AP 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 AP Police site infrastructure means the IT infrastructure at AP 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 Description	Measurement
Systems Availability at AP Police Sites	<p>Availability of the critical 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 measured 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>

3. Handholding Support: AP Police Site Support:

- a) **Level 1 Incidents:** The incident has an immediate impact on the Andhra Pradesh 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 Andhra Pradesh Police's / APECOPS 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 Andhra Pradesh Police / APECOPS and SPMU / SI.
- d) The scheduled operation time for the AP Police / APECOPS site systems shall be the business hours of the AP Police / APECOPS.
- 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 Description	Measurement	
<p>AP Police Site Support Performance</p> <p>80% of the Level 1 Incidents at each site should be resolved within 2 business hours from the time call is 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: Medium</p> <p>This service level will be measured on a monthly basis for each implementation site.</p> <p>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	Violations for calculation of penalty
	>0 & <=4	1
	>4 & <=8	2
	>8 & <=12	3
>12	4	

<p>AP Police Site Support Performance</p>	<p>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.</p> <p>Severity of Violation: Medium</p> <p>This service level will be measured on a monthly basis for each implementation site.</p> <p>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	

AP Police Site Support Performance

Replacement of hardware equipment shall be done within 7 days of notification by the Andhra Pradesh Police. 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 Andhra Pradesh 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 Andhra Pradesh 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 Andhra Pradesh 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 APeCOPS and SPMU.
- 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 Description	Measurement								
<p>Application Support Performance</p>	<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</p> <p>This service level will be monitored on a monthly basis.</p> <table border="1" data-bbox="512 577 1370 775"> <thead> <tr> <th data-bbox="512 577 959 656">Performance over the six-month period</th> <th data-bbox="959 577 1370 656">Violation for calculation of penalty</th> </tr> </thead> <tbody> <tr> <td data-bbox="512 656 959 696"><95% & >=90%</td> <td data-bbox="959 656 1370 696">1</td> </tr> <tr> <td data-bbox="512 696 959 736"><90% & >=95%</td> <td data-bbox="959 696 1370 736">2</td> </tr> <tr> <td data-bbox="512 736 959 775"><85%</td> <td data-bbox="959 736 1370 775">3</td> </tr> </tbody> </table>	Performance over the six-month period	Violation for calculation of penalty	<95% & >=90%	1	<90% & >=95%	2	<85%	3
Performance over the six-month period	Violation for calculation of penalty								
<95% & >=90%	1								
<90% & >=95%	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="512 1171 1385 1368"> <thead> <tr> <th data-bbox="512 1171 970 1249">Performance over the six month period</th> <th data-bbox="970 1171 1385 1249">Violation for calculation of penalty</th> </tr> </thead> <tbody> <tr> <td data-bbox="512 1249 970 1290"><95% & >=90%</td> <td data-bbox="970 1249 1385 1290">1</td> </tr> <tr> <td data-bbox="512 1290 970 1330"><90% & >=85%</td> <td data-bbox="970 1290 1385 1330">2</td> </tr> <tr> <td data-bbox="512 1330 970 1368"><85%</td> <td data-bbox="970 1330 1385 1368">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 month period	Violation for calculation of penalty	<95% & >=90%	1	<90% & >=85%	2	<85%	3
Performance over the six month period	Violation 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="513 398 1374 593"> <thead> <tr> <th data-bbox="513 398 967 472">Performance over the six month period</th> <th data-bbox="967 398 1374 472">Violation for calculation of penalty</th> </tr> </thead> <tbody> <tr> <td data-bbox="513 472 967 510"><100% & >=90%</td> <td data-bbox="967 472 1374 510">1</td> </tr> <tr> <td data-bbox="513 510 967 548"><90% & >=80%</td> <td data-bbox="967 510 1374 548">2</td> </tr> <tr> <td data-bbox="513 548 967 593"><80%</td> <td data-bbox="967 548 1374 593">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 month period	Violation for calculation of penalty	<100% & >=90%	1	<90% & >=80%	2	<80%	3
Performance over the six month period	Violation for calculation of penalty								
<100% & >=90%	1								
<90% & >=80%	2								
<80%	3								
<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 measured 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 Description	Measurement
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 Andhra Pradesh 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 Andhra Pradesh Police’s / APeCOPS 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 Andhra Pradesh Police's / APeCOPS 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 scheduled operation time for the Helpdesk shall be 24x7.
- f) The below tables gives details on the Service Levels the SI should maintain.

Service Level Description	Measurement								
<p>Helpdesk Performance</p>	98% of the calls shall be answered within 45 seconds.								
	<p>Severity of Violation: High</p> <p>This service level will be monitored on a monthly basis.</p>								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #0000FF; color: white;">Performance over the six month period</th> <th style="background-color: #0000FF; color: white;">Violation for calculation of penalty</th> </tr> </thead> <tbody> <tr> <td><98% & >=90%</td> <td>1</td> </tr> <tr> <td><90% & >=80%</td> <td>2</td> </tr> <tr> <td><80%</td> <td>3</td> </tr> </tbody> </table>	Performance over the six month period	Violation for calculation of penalty	<98% & >=90%	1	<90% & >=80%	2	<80%	3
	Performance over the six month period	Violation for calculation of penalty							
	<98% & >=90%	1							
<90% & >=80%	2								
<80%	3								
<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>									

<p>Helpdesk Performance</p>	<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" data-bbox="438 412 1291 604"> <thead> <tr> <th>Performance over the six month period</th> <th>Violation for calculation of penalty</th> </tr> </thead> <tbody> <tr> <td><98% & >=90%</td> <td>1</td> </tr> <tr> <td><90% & >=80%</td> <td>2</td> </tr> <tr> <td><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 month period	Violation for calculation of penalty	<98% & >=90%	1	<90% & >=80%	2	<80%	3
Performance over the six month period	Violation 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 (Telecom Service Provider(s) or any other) 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="438 1093 1291 1285"> <thead> <tr> <th>Performance over the six month period</th> <th>Violation for calculation of penalty</th> </tr> </thead> <tbody> <tr> <td><98% & >=90%</td> <td>1</td> </tr> <tr> <td><90% & >=80%</td> <td>2</td> </tr> <tr> <td><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 month period	Violation for calculation of penalty	<98% & >=90%	1	<90% & >=80%	2	<80%	3
Performance over the six month period	Violation 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="440 443 1294 633"> <thead> <tr> <th>Performance over the six month period</th> <th>Violation for calculation of penalty</th> </tr> </thead> <tbody> <tr> <td><80% & >=70%</td> <td>1</td> </tr> <tr> <td><70% & >=60%</td> <td>2</td> </tr> <tr> <td><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 month period	Violation for calculation of penalty	<80% & >=70%	1	<70% & >=60%	2	<60%	3
Performance over the six month period	Violation for calculation of penalty								
<80% & >=70%	1								
<70% & >=60%	2								
<60%	3								
<p>Helpdesk Performance</p>	<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.</p> <p>This service level will be monitored on a monthly basis.</p> <table border="1" data-bbox="440 1093 1294 1283"> <thead> <tr> <th>Performance over the six month period</th> <th>Violation for calculation of penalty</th> </tr> </thead> <tbody> <tr> <td><80% & >=70%</td> <td>1</td> </tr> <tr> <td><70% & >=60%</td> <td>2</td> </tr> <tr> <td><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 month period	Violation for calculation of penalty	<80% & >=70%	1	<70% & >=60%	2	<60%	3
Performance over the six month period	Violation for calculation of penalty								
<80% & >=70%	1								
<70% & >=60%	2								
<60%	3								

<p>Helpdesk Performance</p>	<p>80% of the Level 3 calls shall be resolved 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.</p> <p>This service level will be monitored on a monthly basis.</p> <table border="1" data-bbox="438 439 1369 629"> <thead> <tr> <th>Performance over the six month period</th> <th>Violation for calculation of penalty</th> </tr> </thead> <tbody> <tr> <td><80% & >=70%</td> <td>1</td> </tr> <tr> <td><70% & >=60%</td> <td>2</td> </tr> <tr> <td><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 month period	Violation for calculation of penalty	<80% & >=70%	1	<70% & >=60%	2	<60%	3
Performance over the six month period	Violation for calculation of penalty								
<80% & >=70%	1								
<70% & >=60%	2								
<60%	3								
<p>Datacenter Support Performance</p>	<p>If any equipment 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, replacement of said hardware equipment shall be done within 3 days of notification by the Andhra Pradesh Police / APECOPS.</p> <p>Severity of Violation: High</p> <p>Each instance of non-meeting this service level will be treated as one (1) violation.</p>								
<p>Datacenter Support Performance</p>	<p>Up to date of the documentation of the design, modifications, enhancements, and fixes.</p> <p>Severity of Violation: Medium.</p> <p>This service level will be measured on a monthly basis.</p> <p>Each instance of non-meeting this service level will be treated as one (1) violation.</p>								

7. Reporting:

The below tables gives details on the Service Levels the SI should maintain for AP Police site systems availability.

Service Level Description	Measurement						
<p>Availability and Performance Report</p>	<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</p> <p>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" data-bbox="477 1005 1377 1160"> <thead> <tr> <th data-bbox="477 1005 917 1079">Total number of instances Over the six month period</th> <th data-bbox="917 1005 1377 1079">Violations for calculation of penalty</th> </tr> </thead> <tbody> <tr> <td data-bbox="477 1079 917 1122">>0 & <=3</td> <td data-bbox="917 1079 1377 1122">1</td> </tr> <tr> <td data-bbox="477 1122 917 1160">> 3</td> <td data-bbox="917 1122 1377 1160">2</td> </tr> </tbody> </table>	Total number of instances Over the six month period	Violations for calculation of penalty	>0 & <=3	1	> 3	2
Total number of instances Over the six month 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 be gained by the SI for successful uptake of the application in the Andhra Pradesh State. The credits will not be calculated for the first reporting period and would commission from next reporting period.

Service Level Description	Measurement								
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"> 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). 2. Number of active users profiles in CCTNS. 3. Number of read-write transactions on CCTNS system. 4. Number of Searches carried out on data in CCTNS. 5. Total number of FIRs prepared through CCTNS. 6. Total number of Crime Details Forms prepared through CCTNS. 7. Total number of Key Investigation Forms prepared through CCTNS. 8. Total number of Arrest Cards prepared through CCTNS. 9. Total number of Charge Sheets prepared through CCTNS. 10. Quality (Recency and accuracy) of information available in CCTNS. 11. Number of cases reported to be solved because of the availability of CCTNS 12. Number of ad-hoc requests successfully responded to using CCTNS. 13. Turnaround Time for submitting the monthly and annual crime/criminal information to NCRB from the State/UT. <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" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #0000FF; color: white;">% increase over the measurement in the reporting period</th> <th style="background-color: #0000FF; color: white;">Credits</th> </tr> </thead> <tbody> <tr> <td>>5 & <=10%</td> <td style="text-align: center;">2</td> </tr> <tr> <td>>10 & <=15%</td> <td style="text-align: center;">3</td> </tr> <tr> <td>> 15%</td> <td style="text-align: center;">4</td> </tr> </tbody> </table>	% increase over the measurement in the reporting period	Credits	>5 & <=10%	2	>10 & <=15%	3	> 15%	4
% increase over the measurement in the reporting period	Credits								
>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.
 - a. 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.
 - b. 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. Penalties applicable for each of the medium severity violations are 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 three consecutive quarters on same criteria shall result in additional deduction of 3% of the respective quarterly 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 three

consecutive quarters on same criteria shall result in additional deduction of 2% of the respective quarterly 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 Andhra Pradesh Police/APeCOPS shall have the right to terminate the contract.

5 Annexure

5.1 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 APECOPS		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			

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	
Approved	

Rejected	
(Requires further information (as follows, or as attachment 1 etc.))	
For APeCOPS	For the System Integrator
Signature:	Signature:
Name:	Name:
Title:	Title:
Date:	Date:

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

Various services including, but not limiting, to be offered by the SI 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. Development and/ or customization of the CCTNS (enterprise e-COPS) Solution, Integration with existing applications & migration of existing data including the testing and user acceptance.
- iii. Site Preparation and LAN creation.
- iv. Procurement/supply, deployment, and commissioning of the necessary Hardware at all the AP Police locations mentioned in geographical scope of RFP Volume-I.
- v. Procurement/supply, deployment and commissioning of the required Networking equipments & connectivity and Upgradation of bandwidth at the existing locations
- vi. Data Entry and digitization of the records available in the paper files and migration of the data available in the existing databases,
- vii. Training to the staff members and stakeholders of the Department and necessary Change Management, and
- viii. Provisioning of Change Management.
- ix. Provisioning of Handholding support for a period of six months post successful Go Live of CCTNS Solution.
- x. Operations and maintenance of the system including providing technical support for IT solution for a period of five years starting from the date of successful Go Live of CCTNS Solution.

Note:

- o 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 Andhra Pradesh Police / APeCOPS.
- o 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.

5.3 Annexure-C: Minimum Required Deliverables and Associated Timelines

Detailed Project Roll Out Plan (Indicative)			
S. No.	Project Activity	Deliverables	Timelines in weeks (0 - from date of signing of contract)
1	Project planning	i. Detailed Project Plan (DPP) for Implementation of the Project ii. Risk Management and Mitigation Plan iii. Manpower Deployment Plan	0
	Approval by APeCOPS	Approval of DPP, Risk Management, Manpower Deployment	0+1
Study and Design			
2	System Study – study the legislation, business processes and organization design of AP Police along with relevant reports such as PIM	iv. A comprehensive System Requirement Study (SyRS) document v. Templates for: Test plan, Technical Architecture Document, SyRS, SRS, design documents, site survey report & other templates	0+3
	Approval by APeCOPS	Approval of SyRS and templates	0+4
3	Detailed assessment of functional and MIS requirements	vi. Updated/ vetted FRS report including list of additional features that would result in further improvement in the overall application performance for consideration of the AP Police vii. A comparative report on the extent of functionality currently available in the existing application (eCOPS by AP Police) other applications viii. Detailed integration and interfacing model ix. Change/ Reference document	0+7
4	Finalization/ Vetting of FRS		

Detailed Project Roll Out Plan (Indicative)			
		including all the changes or deviations from the eCOPS/ FRS of other modules	
	Approval by APeCOPS	Approval on updated FRS, comparative report, detailed integration & interfacing model & change/ reference document	0+9
5	Preparation of System Requirement Specification report and Software Requirement Specification report	<p>x. System Requirement Specification Report and Software Requirement Specification reports meeting all the Business, Functional and technical requirement of AP Police and incorporating all the functional specifications, standards provided by the NCRB, AP Police specific requirements and different integration points with CAS (Centre), external agencies and other applications of AP Police</p> <p>xi. List of additional features proposed in complete CCTNS Application</p> <p>xii. Enterprise eCOPS Implementation document w.r.t. Development, Configuration, Customization, Extension and Integration as per AP Police's requirements</p>	0+12
	Approval by APeCOPS	Approval of SyRS, SRS, Implementation document for Enterprise eCOPS (AP Police & NCRB)	0+14
6	Procurement of IT infrastructure at Data Centre		0+14
7	Preparation of Solution Design documents	<p>A detailed Design document including:</p> <p>xiii. Technical Architecture Document (Application, Network, and Security)</p> <p>xiv. High Level Design</p> <p>xv. Low Level Design</p> <p>xvi. Enterprise eCOPS Application Test Plans and Test Cases</p>	0+20

Detailed Project Roll Out Plan (Indicative)			
	Approval by APeCOPS	Approval of detailed document (AP Police & NCRB)	0+24
8	Site Survey for Phase-I	xvii. A site survey report detailing the current status of each site and the enhancements to be made at each site(s) based on the State's requirement and the guidelines of MHA, NCRB. SI to submit district wise report as and when the survey is completed.	0+8
	Approval by APeCOPS	Approval of Site Survey Report	0+16
9	IT infrastructure sizing	xviii. Final BoM with Technical specifications for the IT Hardware, Network and other IT Infrastructure Requirements xix. Strategy for Data Centre and DR Site xx. Report on the reusability of existing infrastructure xxi. Hardware procurement & Deployment plan	0+14
	Approval by APeCOPS	Approval of reports on final infrastructure requirements, reusability of existing infrastructure and hardware procurement & deployment plan (AP Police & NCRB)	0+16
10	Others	xxii. Data Digitization & Migration Strategy and Methodology	0+20
	Approval by APeCOPS	Approval of Data Digitation & Migration Strategy & methodology	0+24
11	Commissioning and operationalization of IT infrastructure at Data Centre		0+24
12	Development of Enterprise eCOPS & unit testing of all modules		0+32
Implementation			
13	Prototype testing of Enterprise eCOPS based on the requirement specifications	xxiii. Feedback Report based on Prototype testing	0+34

Detailed Project Roll Out Plan (Indicative)			
14	Finalization of requirement specifications	xxiv. Final FRS, SyRS, SRS and other requirements with all the Solution Design documents based on feedback on prototype testing	0+36
	Approval by APeCOPS	Approval of prototype testing & solution document	0+40
15	Integration with CAS (Centre)		0+40
16	Data migration and digitization of historical data of Phase-I		0+48
	Approval by APeCOPS	Approval of data migration & digitization of historical data	0+52
17	Migration of CIPA and CCIS Police Stations/ non-CIPA and CCIS Police Stations/ Higher Offices to CCTNS		0+48
	Approval by APeCOPS	Approval of migration of CIPA & CCIS Police Stations/ non-CIPA Police Stations & CCIS Police Stations/ Higher officers to CCTNS	0+52
18	Testing of configured & deployed solution (CAS/ Enterprise eCOPS) and additional functionalities. The existing system (eCOPS) will run in parallel till transition period testing and shall migrate to new system (Enterprise eCOPS) once declared commissioned.	xxv. Test Reports	0+48
	Approval by APeCOPS	Approval of test reports	0+52
19	Site preparation at Phase-I Client site locations		0+36
20	Procurement, Commissioning and Operationalizing the IT infrastructure at Pilot / Phase-I locations		0+40
21	User Acceptance & Testing of Phase-I		0+48

Detailed Project Roll Out Plan (Indicative)			
	implementation		
22	User Training on Phase-I CCTNS Solution	xxvi. Training of users and evaluation report	0+52
	Approval by APeCOPS	Approval of evaluation report	0+52
23	Phase-I rollout in three districts	xxvii. Report on amendments / enhancements / modifications made based on inputs of AP Police	0+52
24	Go-Live of Phase-I	xxviii. Commissioning Report for Phase-I Sites, Data Centre Site xxix. Performance and Load Testing Report for Phase-I xxx. Operational Helpdesk xxxi. Manpower deployment details	0+52
	Approval by APeCOPS	Acceptance of commissioning of Phase-I on the basis of completion of activities	0+56
25	Improvement of application according to the experience of Phase I		0+56
	Phase II implementation		
26	CCTNS Solution customization (if any) for Phase II and integration with external agencies & advanced applications. The existing system (eCOPS) will run in parallel till transition period testing and shall migrate to new system (Enterprise eCOPS) once declared commissioned.		0+58
	Approval by APeCOPS		
27	Site Survey for Phase-II	A site survey report detailing the current status of each site and the enhancements to be made at each site(s) based on the State's requirement and the guidelines of MHA, NCRB. SI to submit district wise report as and when the	0+36

Detailed Project Roll Out Plan (Indicative)			
		survey is completed.	
28	Site preparation at Phase II Client locations	Report on site preparation	0+52
	Approval by APeCOPS	Approval of report on site preparation	0+56
29	Procurement, Commissioning and Operationalizing of IT infrastructure at Phase II Client locations including DR site.		0+56
30	Data migration and digitization of historical data of Phase-II		0+72
	Approval by APeCOPS	Approval of data migration & digitisation of historical data	0+76
31	Capacity Building and Change Management	Capacity Building & change management report	0+52
	Approval by APeCOPS	Approval of evaluation report & change management report	0+56
32	User Training on complete CCTNS Solution	Training of users & evaluation report and change management report	0+68
	Approval by APeCOPS	Approval of evaluation report & change management report	0+70
33	State wide rollout of Phase II	xxxii. Report on amendments/ enhancements/ modifications made based on inputs of AP Police / Third Party's Acceptance Testing for State-wide Roll-Out	0+72
	Approval by APeCOPS	Approval of report	0+76
34	3rd party Acceptance testing, audit and certification of complete CCTNS Solution	xxxiii. Third Party Acceptance Testing Certificate	0+68
35	SLA and Performance Monitoring Plan	xxxiv. Detailed plan for monitoring of SLAs and performance of the overall system	0+68

Detailed Project Roll Out Plan (Indicative)			
	Approval by APeCOPS	Approval of detailed plan for monitoring of SLAs and performance of the overall system	0+72
36	Go-Live for complete CCTNS Solution	xxxv. Go-Live Acceptance from AP Police xxxvi. Report on roll-out across State including a. Site Preparation and Infrastructure Deployment Report across State including DR site b. Manpower Deployment Report c. Data Migration Report including Test Plans and Test Results for Data Migration d. Training Delivery Report e. Overall Test Report	0+72
	Approval by APeCOPS	Acceptance of commissioning of Phase II (Entire CCTNS Project commissioning) on the basis of completion of activities	0+80
Post Implementation - Operation and Maintenance			5 Years since the "Go-Live" of Complete CCTNS Solution
1	Handholding support	Reports submission on handholding of sites	For next 6 months from "Go-Live of each of the phases and complete CCTNS solution respectively"
	Approval by APeCOPS	Approval of reports	Within one month of report submission by SI
2	Project Operation and Maintenance	xxxvii. Monthly & Half yearly Progress Report on Project including SLA Monitoring Report and Exception Report xxxviii. Project Quality Assurance report xxxix. Details of all the issues	5 Years from the date of "Go-Live" of Complete CCTNS Solution

Detailed Project Roll Out Plan (Indicative)			
		logged	
	Approval by APeCOPS	Approval of half yearly reports	Within two weeks of report submission by SI

5.4 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 CEO, APeCOPS, Andhra Pradesh Police and shall be as per requirement of this Agreement.

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

B. Bill of Material – Infrastructure:

The following should be considered for Bill of Material Infrastructure:-

- (a) Technical Compliance Statement mentioned in Annexure 12, Annexure 13 and Annexure 16 of RFP Volume I.
- (b) Indicative Technical Specification given in Annexure 15 of RFP Volume I

5.5 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 APeCOPS or its nominated agencies
- 2) Procure, install, commission, operate and maintain:
 - i. Requisite hardware & system software at Police Units, Data Center and other locations as per the requirements mentioned in the Volume-I of RFP;
 - ii. Networking equipments, connectivity services and LAN as per the requirements mentioned in the Volume-I;
 - iii. 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 Centre, HQ and other locations).
- 4) Insure the entire hardware and infrastructure to be deployed at various locations for the entire duration of the contract against vandalism, theft, fire and lightening, etc.
- 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 this Agreement.
- 7) Develop / customize, deploy and maintain the requisite Software Solution as per the requirements of the APeCOPS 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 AP Police
- 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-I are met.

- 15) Management and quality control of all services and infrastructure.
- 17) Any other services which is required for the successful execution of the project.
- 18) Regular Backup as per the schedule and Disaster Recovery.
- 19) Generation of MIS reports as per the requirements of APeCOPS.
- 20) Generation of the report for the monitoring of SLAs.
- 21) 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 Andhra Pradesh Police / APeCOPS

2. Roles and Responsibilities of APeCOPS or its nominated agency:

- 1) Provide adequate space for setting up of infrastructure, software development and other activities to be carried out by the System Integrator.
- 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 APSWAN Operator and other state agencies to assist the System Integrator in execution of the project.
- 4) Coordinate with SI for conducting workshops for the Stakeholder departments.
- 5) Provide the data available in the form of physical files and existing databases to the SI for digitization purposes.
- 6) Deployment of staff members of the AP Police/APeCOPS for verification of the digitized data within the defined timelines.
- 7) Ensure that Data Backups are being taken regularly by the SI as per the schedule agreed upon.
- 8) Ensure that the hardware and other infrastructure deployed by the SI at the Data Centre, DR site and other locations 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 System Integrator.
- 14) Ensuring the staff members and other stakeholders attend the training

programs as per the schedule defined by the SI and agreed upon by APeCOPS 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.

End of RFP Volume-III