

Request for Proposal

For

Selection of Consultant for providing services related to designing and supervising implementation of Smart City including City Surveillance System and Land Management System for Naya Raipur, Chhattisgarh

RFP No.: 5463/432/9-CEP/NRDA/2012 Raipur, dated 12/09/2012



NAYA RAIPUR DEVELOPMENT AUTHORITY

In front of Mahanadi Dwar of Mantralaya,

Raipur 492 001, Chhattisgarh

Tel No: + 91 771 4066011; Fax No.: +91 771 4066188

Website: www.nayarapur.com,

e-mail: ceo@nayarapur.com, psc@nayarapur.com

| | |
|--|---|
|  nayaraipur नया रायपुर | NAYA RAIPUR DEVELOPMENT AUTHORITY Near Mahanadi Dwar, Mantralaya, Raipur – 492 001, Chhattisgarh, Ph: 0771 – 4066011, Fax: 0771 – 4066188, E-mail: ceo@nayaraipur.com / psc@nayaraipur.com |
| Request for Proposal | Selection of Consultant for providing Services related to designing and Supervising Implementation of Smart City including City Surveillance System and Land Management System |
| RFP No.: 5463/432/9-CEP/NRDA/2012 Raipur, dated 12/9/2012 | |
| NRDA, invites Proposals from qualified and experienced firms for providing Services related to designing and supervision implementation of Smart City including City Surveillance System and Land Management System for Naya Raipur, in the format prescribed in the Request for Proposal (RFP) document that can be downloaded from www.nayaraipur.com . A pre bid meeting shall be held on September 24, 2012 at 11.45 Hours in the office of NRDA. The proposal should be submitted so as to reach the office latest by 16:00 Hours, on October 9, 2012. Modification/Amendment/Corrigendum, if any, to the RFP document shall not be advertised in the newspapers but shall be posted in the website only. | |
| Chief Executive Officer | |

DISCLAIMER

The information contained in this Request for Proposal document ("**RFP**") or subsequently provided to Applicants, whether verbally or in documentary or any other form by or on behalf of the Authority or any of their employees or advisers, is provided to Applicants on the terms and conditions set out in this RFP and such other terms and conditions subject to which such information is provided.

This RFP is not an agreement and is neither an offer nor invitation by the Authority to the prospective Applicants or any other person. The purpose of this RFP is to provide interested parties with information that may be useful to them in the formulation of their Proposals pursuant to this RFP. This RFP includes statements, which reflect various assumptions and assessments arrived at by the Authority in relation to the Consultancy. Such assumptions, assessments and statements do not purport to contain all the information that each Applicant may require. This RFP may not be appropriate for all persons, and it is not possible for the Authority, its employees or advisers to consider the objectives, technical expertise and particular needs of each party who reads or uses this RFP. The assumptions, assessments, statements and information contained in this RFP, may not be complete, accurate, adequate or correct. Each Applicant should, therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments and information contained in this RFP and obtain independent advice from appropriate sources.

Information provided in this RFP to the Applicants is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Authority accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.

The Authority, its employees and advisers make no representation or warranty and shall have no liability to any person including any Applicant under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the accuracy, adequacy, correctness, reliability or completeness of the RFP and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way in this Selection Process.

The Authority also accepts no liability of any nature whether resulting from negligence or otherwise, however caused arising from reliance of any Applicant upon the statements contained in this RFP.

The Authority may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumption contained in this RFP.

The issue of this RFP does not imply that the Authority is bound to select an Applicant or to appoint the Selected Applicant, as the case may be, for the Consultancy and the Authority reserves the right to reject all or any of the Proposals without assigning any reasons whatsoever.

1. INTRODUCTION

Background

The State of Chhattisgarh (CG) was created in the year 2000 while the city of Raipur was declared its capital. Raipur with its growing importance as the major node in trade network and a host of industries, has immense potential, however, the present city is constrained by availability of land, space and basic infrastructure. Considering the growth potential of the city and with a view to decongest the city, a new city is being developed as 'Naya Raipur', the green field capital city, at a distance of about 17 kms from the existing Raipur City. Its core area admeasures 8,013 ha. The planning area of Naya Raipur has been notified as a 'Special Area' under the 'CG Nagar Tatha Gram Nivesh Adhiniyam, 1973'. A Special Area Development Authority namely '**Naya Raipur Development Authority**' (NRDA) constituted under the said Act has been entrusted with the development, operation and maintenance of infrastructures of the new city.

1.1 THE PROJECT

NRDA intends to design IT enabled land management system and city surveillance system using modern and state-of-the-art technologies.

NRDA intends to implement land management system with following objectives:

- i. Validation of all land related data at site from procurement of land, to land use planning to plan for disposal
- ii. Land management system is intended to be designed in a manner to integrate the data from the stage of procurement of land in the form of *khasra*, to the stage of disposal, which would be in the form of plots after the construction of roads and other urban infrastructures, along with social and recreational spaces.
- iii. It is intended to integrate all the data from various stages of procurement and development only after correcting and validating the data.
- iv. Tracking submission and process of approval of the building plans are intended to be integrated with the system.
- v. It is also intended to integrate the utility services with the land management system and ultimately creating two user interfaces – one for use of NRDA and the other for the land owners / city dwellers, which may be accessed by them through a website for seeing the status land ownership and land use and associated urban services (like water, sewerage etc.), for submitting application for connection, depositing fees for those and also for paying user charges for urban services and for paying land related payments (like lease premium, lease rentals, license fees etc.) and taxes.

NRDA intends to implement a city surveillance system with following objectives:

- i. For restricting entry of unauthorized vehicles within the city

- ii. For protecting the constructed roads, footpaths and street furniture, street lights etc.
- iii. For protecting the trees, vegetation from cutting
- iv. For protecting the landscape areas
- v. For protecting the display boards and equipment fitted in bus shelters
- vi. For ensuring no unauthorized excavation and quarrying within Naya Raipur
- vii. For monitoring of encroachments and stoppage of any encroachment, illegal advertisement hoardings, banners etc.
- viii. For ensuring security against theft / spoiling / vandalizing of public good and no illegal activity with Naya Raipur
- ix. Any other security / surveillance related services

NRDA intends to appoint an expert agency as consultant for designing the city surveillance system to fulfill the above objectives

1.2 Request For Proposal

NRDA (the “**Authority**”) invites Request for Proposal (**RFP**) (the “**Proposals**”) for selection of a Consultant (the “**Consultant**”) for providing services for preparing Detailed Project Report (**DPR**) on city Surveillance System and Land Management System for Naya Raipur, Chhattisgarh, for validating land records from procurement of lands, for preparing tender documents, for assisting in bid process management for procurement of System Integrator, supervising procurement of software and equipment, supervision of implementation, integration, testing and commissioning of city Surveillance System and Land Management System, review of user manual, supervision of training to NRDA personnel and supervision of operation for one year (the “**Consultancy**”) on the Terms and Conditions mentioned in this RFP document (the “**Project**”).

The Authority intends to select the Consultant through an open competitive bidding process in accordance with the procedure set out herein.

1.3 Due diligence by Applicants

Applicants are advised to inform themselves fully about the assignment and the local conditions before submitting the Proposal by visiting the Project Site, sending written queries to the Authority, and attending a Pre-Proposal Conference on the date and time specified in Clause 1.10.

1.4 Procurement of RFP Document

RFP document can be downloaded from the official website of the Authority www.nayaraipur.com

1.5 Validity of the Proposal

The Proposal shall be valid for a period of not less than 180 days from the Proposal Due Date (the "PDD").

1.6 Brief description of the Selection Process

The Authority has adopted a single stage of bidding process with a quality and cost based method of selection having two stages of evaluation (collectively the "**Selection Process**") in evaluating the Proposals. In the first stage of evaluation, a technical evaluation will be carried out as specified in Clause 3.1. Based on this technical evaluation, a list of short-listed applicants shall be prepared as specified in Clause 3.2. In the second stage, a financial evaluation will be carried out as specified in Clause 3.3. Proposals will finally be ranked according to their combined technical and financial scores as specified in Clause 3.4. The first ranked Applicant (the "**Selected Applicant**") may, if necessary, be invited for clarifications and reconfirmation of commitments and its obligations under this RFP, deployment of Key Personnel, methodology and quality of the work plan, while the second ranked Applicant will be kept in reserve.

1.7 Currency conversion rate and payment

All payments to the Consultant shall be made in INR in accordance with the provisions of this RFP.

1.8 Schedule of Selection Process

The Authority would endeavor to adhere to the following schedule:

| Event Description | Scheduled Date |
|--|---|
| 1. Pre-Proposal Conference | 24/09/2012 at 11:45am at Office of NRDA, near Mahanadi Dwar of Mantralaya, Raipur, Chhattisgarh |
| 2. Proposal Due Date (PDD) and time (i.e. last date and time of receiving Proposals) | 9/10/2012 up to 16:00 Hrs. |
| 3. Opening of Technical Proposals | On Proposal Due Date at 17:00 Hrs or thereafter |
| 4. Technical Presentation | Shall be intimated later |
| 5. Opening of Financial Proposals | Shall be intimated later |
| 6. Validity of Proposals | 180 days of Proposal Due Date |

1.9 Pre-Proposal visit to the Site and inspection of data

Prospective applicants may visit the Site at any time prior to PDD

2. INSTRUCTIONS TO APPLICANTS

A. GENERAL

2.1 Scope of Proposal

- 2.1.1 Detailed description of the objectives, scope of services, deliverables and other requirements relating to this Consultancy are specified in this RFP. The manner in which the Proposal is required to be submitted, evaluated and accepted is explained in this RFP.
- 2.1.2 Applicants are advised that the selection of Consultant shall be on the basis of an evaluation by the Authority, through the Selection Process specified in this RFP. Applicants shall be deemed to have understood and agreed that no explanation or justification for any aspect of the Selection Process will be given and that the Authority's decisions are without any right of appeal whatsoever.
- 2.1.3 The Applicant shall submit its Proposal in the form and manner specified in this RFP. The Technical proposal shall be submitted in the form at Appendix-I and the Financial Proposal shall be submitted in the form at Appendix-II. Upon selection, the Applicant shall be required to enter into an agreement with the Authority in the form specified at Schedule-2.

2.2 Conditions of Eligibility of Applicants

- 2.2.1 Applicants must read carefully the minimum conditions of eligibility (the "**Conditions of Eligibility**") provided herein. Proposals of only those Applicants who satisfy the Conditions of Eligibility will be considered for evaluation.
- 2.2.2 To be eligible for evaluation of its Proposal, the Applicant shall fulfill the following Minimum Eligibility Criteria:

A. Technical Parameters:

The bidder should have experience of working in last 5 years, preceding date of publication of this RFP, in minimum 1 project from A(i) or A(ii) below ("hereinafter called Eligible Assignments"):

- (i) Preparation of Detailed Project Report for SCADA (supervisory control and data acquisition) system for any existing or new urban infrastructure project for any municipality, Municipal Corporation, any development authority of minimum population of Five Lakh (500,000) in India.
(Details to be provided in Form 5A of Appendix I)

- (ii) Preparation of Detailed Project Report on IT enabled land management system for any municipality, municipal corporation, any development authority of minimum population of five lakh (5,00,000) in India
(Details to be provided in Form 5B of Appendix I)

Note:

- i. If the selected bidder gets eligible only as per A (i), then it shall be mandatory for the selected bidder to appoint sub-consultant for preparation of DPR for IT enabled land management, after obtaining approval of NRDA.
- ii. If the selected bidder gets eligible only as per A (ii), then it shall be mandatory for the selected bidder to appoint sub-consultant for Preparation of Detailed Project Report for SCADA (supervisory control and data acquisition) systems and integration of those, after obtaining approval of NRDA.
- iii. The selected bidder shall submit detailed experience of firm(s), which it intends to appoint as sub-consultant for the above mandatory purpose, to NRDA, requesting approval, within 30days from the date of issue of Letter of Award, or extension thereof granted by NRDA but before execution of agreement. The Consultant can appoint a sub-consultant only after obtaining approval of NRDA in writing. In the event of rejection of proposal of sub-consultant by NRDA, the Consultant shall submit separate proposal for the same at the earliest. This is to clarify that Agreement shall be executed only after intimation of approval of NRDA in writing on the profile sub-consultant for the above mandatory appointment.

B. Financial parameters:

- i. A firm should have average annual turnover of at least Rs. 3 crores from the advisory/consultancy services for the last three financial years i.e. FY 2008-09, 2009-10 and 2010-11.

Note:

- (i) Information on B (i) should be certified by an Independent Auditor in the Form-9 of Appendix-I.

- (ii) In case of MNCs having operations in India, average annual income of at least Rs. 3 crores from the advisory/consultancy services for the last three financial years (2008-09, 2009-10 and 2010-11) from Indian operations in INR duly certified by a Chartered Accountant is required to be submitted.
- 2.2.3 Experiences in providing services, which are completed or substantially completed, shall be considered for evaluation
- 2.2.4 The Applicant should submit a Power of Attorney as per the format at Form - 4 of Appendix-I.
- 2.2.5 Any entity which has been barred by any State / Central Government in India, or any entity controlled by them, from participating in any project, and the bar subsists as on the date of Proposal, would not be eligible to submit the Proposal.
- 2.2.6 An Applicant should have, during the last three years, neither failed to perform on any agreement, as evidenced by imposition of a penalty by an arbitral or judicial authority or a judicial pronouncement or arbitration award against the Applicant, nor been expelled from any project or agreement nor have had any agreement terminated for breach of contract by such Applicant.
- 2.2.7 While submitting a Proposal, the Applicant should attach clearly marked and referenced continuation sheets in the event that the space provided in the specified forms in the Appendices is insufficient.
- 2.2.8 **Eligibility:** The Applicants eligible for participating in the bid process shall be a Business Entity. For the purpose of this RFP document, a Business Entity shall mean a Sole Proprietorship Firm¹ / registered partnership firm² / a company³ registered in India under the Companies Act 1956 and not as “**Consortium of firms**” in response to this invitation. However it is allowed to appoint sub consultant(s) for specific expertise.

2.3 Conflict of Interest

¹ A Sole Proprietorship firm should furnish either the Sales/VAT/Service tax or IT returns for the last two financial years as proof of identity.

² A registered partnership firm should furnish registration certificate under the registrar of firms and the partnership deed executed between the partners as proof of identity.

³ A company should furnish certificate of incorporation and memorandum of association as proof of identity.

The selected consultant shall not receive any remuneration in connection with the assignment except as provided in the Agreement. The consultant and its affiliates shall not engage in consulting activities that conflict with the interest of the NRDA under the contract and shall be excluded from downstream supply of goods or construction of works or purchase of any asset or provision of any other service related to the assignment other than a continuation of the Services” under the ongoing contract. It should be the requirement of the consultancy contract that the consultants should provide professional, objective and impartial advice and at all times hold the NRDA interest paramount, without any consideration for future work, and that in providing advice they avoid conflicts with other assignments and their own corporate interests. Consultants shall not be hired for any assignment that would be in conflict with their prior or current obligations to other NRDA, or that may place them in a position of being unable to carry out the assignment in the best interest of the Employer. Without limitation on the generality of the foregoing, Consultants shall not be hired, under the circumstances set forth below:

- a) **Conflict between Consulting activities and procurement of goods, works or services:** A Consultant/ Consultancy concern that have been engaged to provide goods, works, or services for a project, and each of its affiliates, shall be disqualified from providing consulting services related to those goods, works or services. Conversely, a Consultant/Consultancy concern hired to provide consulting services for the preparation or implementation of a project, and each of its affiliates, shall be disqualified from subsequently providing goods, works or services for such preparation or implementation.
- b) **Conflict among consulting assignments:** Neither consultants (including their personnel and) nor any of their affiliates shall be hired for any assignment that, by its nature, may be in conflict with another assignment of the consultants. As an example, consultants hired to prepare engineering design for an infrastructure project shall not be engaged to prepare an independent environmental assessment for the same project, and consultants assisting NRDA in the privatization on public assets shall neither purchase nor advise purchasers of, such assets. Similarly, consultants hired to prepare Terms of Reference (TOR) for an assignment shall not be hired for the assignment in question.
- c) **Relationship with Employer's staff:** Consultants (including their personnel and sub-consultants) that have a business or family relationship with such member(s) of the Employer's staff or with the staff of the project implementing agency, who are directly or indirectly involved in any part of ; (i) the preparation of the TOR of the contract, (ii) the selection process for such contract, or (iii) supervision of such contract; may not be awarded a contract unless it is established to the complete satisfaction of the employing authority, for the reason to be recorded in writing, that such relationship would not affect the aspects of fairness and transparency in the selection process and monitoring of consultant's work.

2.4 Number of Proposals

An Applicant is eligible to submit only one Application for the Consultancy. An applicant applying individually shall not be entitled to submit another application.

2.5 Cost of Proposal

2.5.1 Cost of Proposal

The Applicants shall be responsible for all of the costs associated with the preparation of their Proposals and their participation in the Selection Process. The Authority will not be responsible nor in any way liable for such costs, regardless of the conduct or outcome of the Selection Process.

2.5.2 Cost of RFP Document

The RFP document can be downloaded from the web site www.nayaraipur.com, however while submitting the proposal it should be accompanied with a demand draft of Rs. 5000/-, in favor of CEO, NRDA, payable of Raipur, towards the cost of RFP document. The proposal without the cost of the document will not be considered for evaluation.

2.6 Site visit and verification of information

Applicants are advised to submit their respective Proposals after visiting the Project Site and ascertaining for themselves the site conditions, traffic, location, surroundings, climate, access to the site, availability of drawings and other data with the Authority, applicable laws and regulations or any other matter considered relevant by them.

2.7 Acknowledgement by Applicant

2.7.1 It shall be deemed that by submitting the Proposal, the Applicant has:

- (a) made a complete and careful examination of the RFP;
- (b) received all relevant information requested from the Authority;

- (c) acknowledged and accepted the risk of inadequacy, error or mistake in the information provided in the RFP or furnished by or on behalf of the Authority or relating to any of the matters referred to in Clause 2.6 above;
- (d) satisfied itself about all matters, things and information, including matters referred to in Clause 2.6 herein above, necessary and required for submitting an informed Application and performance of all of its obligations there under;
- (e) acknowledged that it does not have a Conflict of Interest; and
- (f) agreed to be bound by the undertaking provided by it under and in terms hereof.

2.7.2 The Authority shall not be liable for any omission, mistake or error on the part of the Applicant in respect of any of the above or on account of any matter or thing arising out of or concerning or relating to RFP or the Selection Process, including any error or mistake therein or in any information or data given by the Authority.

2.8 Right to reject any or all Proposals

2.8.1 Notwithstanding anything contained in this RFP, the Authority reserves the right to accept or reject any Proposal and to annul the Selection Process and reject all Proposals, at any time without any liability or any obligation for such acceptance rejection or annulment, and without assigning any reasons thereof.

2.8.2 The Authority reserves the right to reject any Proposal if:

- (a) at any time, a material misrepresentation is made or uncovered, or
- (b) the Applicant does not provide, within the time specified by the Authority, the supplemental information sought by the Authority for evaluation of the Proposal.

Such misrepresentation/ improper response may lead to the disqualification of the Applicant. If such disqualification /rejection occurs after the Proposals have been opened and the highest ranking Applicant gets disqualified / rejected, then the Authority reserves the right to consider the next best applicant, or any other measure as may be deemed fit in the sole discretion of the Authority, including annulment of the Selection Process.

B. DOCUMENTS

2.9 Contents of the RFP

- 2.9.1 This RFP comprises the Disclaimer set forth hereinabove, the contents as listed below and will additionally include any Modification / Addendum / Amendment / Corrigendum issued in accordance with Clause 2.11:

RFP

1. Introduction
2. Instructions to Applicants
3. Criteria for Evaluation
4. Fraud and corrupt practices
5. Pre-Proposal Conference
6. Miscellaneous
7. Payment Schedule

Schedules

1. **Terms of Reference**
2. **Form of Agreement**
 - Annexure-A: Terms of Reference
 - Annexure-B: Composition of the Team and Task(s) of Key Personnel's
 - Annexure-C: Form of Bank Guarantee for Performance Security.
 - Annexure-D: Form of Bank Guarantee for Proposal Security.

Appendices

Appendix-I: Technical Proposal

- Form 1: Letter of Proposal
- Form 2: Particulars of the Applicant Firm
- Form 3: Statement of Legal Capacity
- Form 4: Power of Attorney for Signing of Proposal
- Form 5: Eligibility Project Experience
- Form 6: Approach Paper on methodology and work plan for performing the assignment.
- Form 7: Proposed composition of Team and Task(s) of Key Personnel's
- Form 8: CVs of proposed Key Personnel's

Appendix – II: Financial Proposal

- Form 1: Format of Financial Proposal
- Form 2: Breakup of Financial Proposal

2.10 Clarifications

2.10.1 Applicants requiring any clarification on the RFP may send their queries to the Authority in writing before the date mentioned in the Schedule of Selection Process at Clause 1.8. The envelopes shall clearly bear the following identification:

"Queries/Request for Additional Information concerning RFP - Selection of Consultant for providing services related to designing and supervising implementation of Smart City including City Surveillance System and Land Management System for Naya Raipur, Chhattisgarh"

The Authority shall endeavor to respond to the queries within the period specified therein but not later than 7 days prior to the Proposal Due Date. The responses will be sent by fax or e-mail. The Authority will post the reply to all such queries on the Official Website and copies thereof will also be circulated to all Applicants who have purchased the RFP document without identifying the source of queries.

2.10.2 The Authority reserves the right not to respond to any questions or provide any clarifications, in its sole discretion, and nothing in this Clause shall be taken or read as compelling or requiring the Authority to respond to any question or to provide any clarification.

2.11 **Amendment / Modification of RFP**

2.11.1 At any time prior to the deadline for submission of Proposal, the Authority may, for any reason, whether at its own initiative or in response to clarifications requested by an Applicant, modify the RFP document by the issuance of Modified RFP / Addendum/ Amendment through posting it only on the Official Website (www.nayaraipur.com).

2.11.2 All such amendments/modified RFP will be posted only on the Official Website and shall not be published in any news paper and will be binding on all Applicants.

2.11.3 In order to afford the Applicants a reasonable time for taking an amendment into account, or for any other reason, the Authority may, in its sole discretion, extend the Proposal Due Date.

C. PREPARATION AND SUBMISSION OF PROPOSAL

2.12 Language

The Proposal with all accompanying documents (the “**Documents**”) and all Communications in relation to or concerning the Selection Process shall be in English Language and strictly on the forms provided in this RFP. No supporting document or printed literature shall be submitted with the Proposal unless specifically asked for and in case any of these documents is in another language, it must be accompanied by an accurate translation of the relevant passages in English, in which case, for all purposes of interpretation of the Proposal, the translation in English shall prevail.

2.13 Format and signing of Proposal

2.13.1 The Applicant shall provide all the information sought under this RFP. The Authority would evaluate only those Proposals that are received in the specified forms and complete in all respects.

2.13.2 The Applicant shall prepare one original set of the Documents comprising separate sealed envelopes containing the technical (with originals/ copies of documents required to be submitted along therewith pursuant to this RFP) and financial proposal, clearly marked as Technical Proposal and Financial Proposals. Both these envelopes will be placed in a single envelope clearly marked “ORIGINAL”. In addition, the applicant shall submit 1 (one) copy of only the Technical Proposal marked “COPY” and not the copy of Financial Proposal in any case. The proposal will be submitted in accordance with the clause 2.16. In the event of any discrepancy between the originals and the copies, the original shall prevail.

2.13.3 The Proposal shall be typed or written in indelible ink and signed by the authorised signatory of the Applicant who shall initial each page, in blue ink. All the alterations, omissions, additions, or any other amendments made to the Proposal shall be initialed by the person(s) signing the Proposal. The Proposals must be properly signed as detailed below:

- (i) by the proprietor, in case of a proprietary firm;
- (ii) by the partner holding the Power of Attorney, in case of a partnership firm;

- (iii) by a duly authorized person holding the Power of Attorney (the “**Authorised Representative**”), in case of a Limited Company or a corporation; or

A copy of the Power of Attorney certified under the hands of a partner or director of the Applicant or a notary public on the specified form shall accompany the Proposal.

2.13.4 Applicants should note the Proposal Due Date, as specified in Clause 1.8, for submission of Proposals. Applicants are reminded that no supplementary material will be entertained by the Authority, and that evaluation will be carried out only on the basis of Documents received by the closing time of Proposal Due Date as specified in Clause 2.17.1. Applicants will ordinarily not be asked to provide additional material information or documents subsequent to the date of submission, and unsolicited material if submitted will be summarily rejected.

2.14 Technical Proposal

2.14.1 Applicants shall submit the technical proposal in the formats at Appendix-I (the “**Technical Proposal**”).

2.14.2 While submitting the Technical Proposal, the Applicant shall, in particular, ensure that CVs of all Key Personnel, duly signed using blue indelible ink by both by the Key Personnel and by the Power of Attorney for signing of proposal have been submitted; In case scanned signatures of Key Personnel are used for CVs, then the signature pages of the CVs shall be notarized.

2.14.3 Failure to comply with the requirements spelt out in this Clause 2.14 shall make the Proposal liable to be rejected.

2.14.4 The Technical Proposal shall not include any financial information relating to the Financial Proposal.

2.14.5 The Authority reserves the right to verify all statements, information and documents, submitted by the Applicant in response to the RFP. Failure of the Authority to undertake such verification shall not relieve the Applicant of its obligations or liabilities hereunder nor will it affect any rights of the Authority there under.

2.14.6 In case it is found during the evaluation or at any time before signing of the Agreement or after its execution and during the period of subsistence thereof, that one or more of the eligibility conditions have not been met by the Applicant or the Applicant has made

material misrepresentation or has given any materially incorrect or false information, the Applicant shall be disqualified forthwith if not yet appointed as the Consultant either by issue of the LOA or entering into of the Agreement, and if the Applicant has already been issued the LOA or has entered into the Agreement, as the case may be, the same shall, notwithstanding anything to the contrary contained therein or in this RFP, be liable to be terminated, by a communication in writing by the Authority without the Authority being liable in any manner whatsoever to the Applicant or Consultant, as the case may be. In such an event, the Authority shall forfeit and appropriate the proposal Security as mutually agreed pre-estimated compensation and damages payable to the Authority for, inter alia, time, cost and effort of the Authority, without any other right or remedy that may be available to the Authority.

2.15 Financial Proposal

2.15.1 Applicants shall submit the financial proposal in the format at Appendix-II (the “**Financial Proposal**”) clearly indicating the total lump-sum cost of the Consultancy in both figures and words, in Indian Rupees, and signed by the Applicant’s authorised signatory. In the event of any difference between figures and words, the amount indicated in words shall be taken into account.

2.15.2 While submitting the Financial Proposal, the Applicant shall ensure the following:

- (i) All the costs associated with the assignment shall be included in the Financial Proposal. These shall cover remuneration for all the Personnel (Expatriate and Resident, in the field, office etc), accommodation, travel costs, equipment, printing of documents, surveys, geo-technical investigations etc. The total amount indicated in the Financial Proposal shall be without any condition attached or subject to on, and shall be final and binding. In case any assumption or condition is indicated in the Financial Proposal, it shall be considered non-responsive and liable to be rejected.
- (ii) The Financial Proposal shall take into account all expenses and tax liabilities including Service Tax. For the avoidance of doubt, it is clarified that all taxes shall be deemed to be included in the costs shown under different items of the Financial Proposal. Further, all payments shall be subject to deduction of taxes at source as per applicable laws.
- (iii) Costs shall be expressed in INR.

2.16 Submission of Proposal

2.16.1 The Applicants shall submit the Proposal in bound form with all pages numbered serially and by giving an index of submissions. Each page of the submission shall be signed by indelible ink by the Authorized Representative of the Applicant. The Applicant shall be responsible for its accuracy and correctness as per the version uploaded in the website by the Authority and shall ensure that there are no changes caused in the content of the downloaded document. In case of any discrepancy between the downloaded or photocopied version of the RFP and the original RFP issued by the Authority, the latter shall prevail.

2.16.2 The Proposal will be sealed in an outer envelope which will bear the address of the Authority, RFP for Consultancy as indicated at Clause 1.11.1 and 1.11.3 and the name and address of the Applicant. It shall also bear on top, the following:

“Do not open, except in presence of the authorized representative(s) of the Authority before the proposal due date and time mentioned in this RFP”

If the envelope is not sealed and marked as instructed above, the Authority assumes no responsibility for the misplacement or premature opening of the contents of the Proposal submitted.

2.16.3 The aforesaid outer envelope will contain two separate sealed envelopes, one clearly marked ‘**Technical Proposal**’ and the other clearly marked ‘**Financial Proposal**’. The envelope marked “Technical Proposal” shall contain:

- (i) Application in the prescribed format (Form 1 of Appendix-I) along with Forms 2 to 12B of Appendix-I and supporting documents;
- (ii) Copies of Applicant’s duly audited balance sheet for the preceding three years as mentioned in this document; and
- (iii) Proposal Security as specified in Clause No. 2.20.1 in a separate sealed envelope
- (iv) Demand draft for the Cost of RFP Document if downloaded from web site or copy of the receipt if purchased from NRDA as specified in Clause No 2.5.2 in a separate sealed envelope.

The envelope marked “Financial Proposal” shall contain the financial proposal in the prescribed format (Forms 1 of Appendix-II).

2.16.4 The Technical Proposal and Financial Proposal shall be typed or written in indelible ink and signed by the authorised signatory of the Applicant. All pages of the original Technical Proposal and Financial Proposal must be numbered and initialed by in indelible ink by the person or persons signing the Proposal.

2.16.5 The completed Proposal must be delivered on or before the specified time on Proposal Due Date. Proposals submitted by fax, telex, telegram or e-mail shall not be entertained.

2.16.6 The Proposal shall be made in the Forms specified in this RFP. Any attachment to such Forms must be provided on separate sheets of paper and only information that is directly relevant should be provided. This may include photocopies of the relevant pages of printed documents.

2.16.7 The Financial proposal shall be firm throughout the period of performance of the assignment upto and discharge of all obligations of the Consultant under the Agreement.

2.17 **Proposal Due Date**

2.17.1 Proposal should be submitted before 15:00 hrs on the Proposal Due Date Specified at Clause 1.8 at the address provided in Clause 1.11 in the manner and form as detailed in this RFP.

2.17.2 The Authority may, in its sole discretion, extend the Proposal Due Date by issuing a Corrigendum in accordance with Clause 2.11.

2.18 **Late Proposals**

Proposals received by the Authority after the specified time on Proposal Due Date shall not be eligible for consideration and shall be summarily rejected.

2.19 **Modification/ substitution/ withdrawal of Proposals**

2.19.1 No Proposal shall be modified, substituted, or withdrawn by the Applicant after its submission as per the provisions of clause 2.16 and 2.17.

2.20 Proposal Security

- 2.20.1 The Applicant shall furnish as part of its Proposal, a Proposal Security of Rs.2.00 lakhs (Rs. Two lakhs) in the form of Demand Draft of any scheduled bank in favour of CEO, NRDA, payable at Raipur or in the form of Bank Guarantee, issued by one of the Scheduled Nationalised Banks in India in favour of the NRDA, **operable in Raipur, and if invoked, be encashable at its branch of in Raipur.** The Proposal Securities shall be valid for 210 days from the PDD. The Proposal Securities shall be returnable / refundable not later than 30 days from PDD except in case of the two highest ranked applicants as required in Clause 2.24 In the event that the first ranked Applicant commences the assignment as required in Clause 2.30, the second ranked Applicant, who has been kept in reserve, shall be returned/refunded its Proposal Security forthwith, or within 210 days from PDD whichever is earlier. The Selected Applicant's Proposal Security shall be returned/refunded upon the Applicant signing the Agreement and completing the deliverables assigned to it for the first 2 (two) months of the Consultancy in accordance with the provisions thereof.
- 2.20.2 Any Proposal not accompanied by the Proposal Security shall be rejected by the Authority as non-responsive.
- 2.20.3 The Authority shall not be liable to pay any interest on the Proposal Security and the same shall be interest free.
- 2.20.4 The Applicant, by submitting its Application pursuant to this RFP, shall be deemed to have acknowledged that without prejudice to the Authority's any other right or remedy hereunder or in law or otherwise, the Proposal Security shall be forfeited and appropriated by the Authority under the following conditions:
- (a) If an Applicant engages in any of the Prohibited Practices specified in Clause 4 of this RFP; or
 - (b) If an Applicant withdraws its Proposal during the period of its validity as specified in this RFP and as extended by the Applicant from time to time; or
 - (c) In the case of the Selected Applicant, if the Applicant fails to clarify or reconfirm its commitments as required vide Clause 2.24; or
 - (d) In the case of a Selected Applicant, if the Applicant fails to sign the Agreement or commence the assignment as specified in Clause 2.29 and 2.30 respectively; or
 - (e) If the Applicant is found to have a Conflict of Interest as specified in Clause 2.3.

D. EVALUATION PROCESS

2.21 Evaluation of Proposals

2.21.1 The Authority shall open the Proposals at 16:00 hours or thereafter on the Proposal Due Date, and in the presence of the Applicants who choose to attend. The envelopes marked "Technical Proposal" shall be opened first. The envelopes marked "Financial Proposal" shall be kept sealed for opening at a later date.

2.21.2 Proposals for which a notice of withdrawal has been submitted in accordance with Clause 2.19 shall not be opened.

2.21.3 Prior to evaluation of Proposals, the Authority will determine whether each Proposal is responsive to the requirements of the RFP. A Proposal shall be considered responsive only if:

- (a) It is received in the form specified at Appendix-I (Technical Proposal);
- (b) It is received by the Proposal Due Date including any extension thereof pursuant to Clause 2.17;
- (c) It is accompanied by the Proposal Security as specified in Clause 2.20.1.
- (d) It is accompanied by demand draft for the Cost of RFP document if it is downloaded from web site or copy of the receipt if it is purchased from NRDA
- (e) It is signed, sealed, bound, pages serially numbered and marked as stipulated in Clause 2.13 and 2.16;
- (f) It is accompanied by the Power of Attorney as specified in Clause 2.2.3;
- (g) It contains all the information (complete in all respects) as requested in the RFP;
- (h) It does not contain any condition or qualification;
- (i) Applicant meets the minimum condition of eligibility as per para 2.2; and
- (j) It is not non-responsive in terms hereof.

2.21.4 The Authority reserves the right to reject any Proposal which is nonresponsive and no request for alteration, modification, substitution or withdrawal shall be entertained by the Authority in respect of such Proposals.

2.21.5 The Authority would subsequently examine and evaluate Proposals in accordance with the Selection Process specified at Clause 1.6 and the criteria set out in Section 3 of this RFP.

2.21.6 After the technical evaluation, the Authority would prepare a list of shortlisted Applicants in terms of Clause 3.2 for opening of their Financial Proposals. A date, time and venue will be notified to all Applicants for announcing the result of evaluation and opening of Financial Proposals. Before opening of the Financial Proposals, the list of shortlisted Applicants along with their Technical Score will be read out. The opening of Financial Proposals shall be done in presence of representatives of Applicants who choose to be present. The Authority will not entertain any query or clarification from Applicants who fail to qualify at any stage of Selection Process. The financial evaluation and final ranking of the Proposals would be carried out in terms of Clause 3.3 and 3.4.

2.21.7 Applicants are advised that Selection will be entirely at the discretion of the Authority. Applicants will be deemed to have understood and agreed that no explanation or justification on any aspect of the Selection Process or Selection will be given.

2.21.8 Any information contained in the Proposal shall not in any way be construed as binding on the Authority, its agents, successors or assigns, but shall be binding against the Applicant if the Consultancy is subsequently awarded to it.

2.22 Confidentiality

Information relating to the examination, clarification, evaluation, and recommendation for the selection of Applicants shall not be disclosed to any person who is not officially concerned with the process or is not a retained professional adviser advising the Authority in relation to, or matters arising out of, or concerning the Selection Process. The Authority will treat all information, submitted as part of the Proposal, in confidence and will require all those who have access to such material to treat the same in confidence. The Authority may not divulge any such information unless it is directed to do so by any statutory entity that has the power under law to require its disclosure or is to enforce or assert any right or privilege of the statutory entity and/or the Authority.

2.23 Clarifications

2.23.1 To facilitate evaluation of Proposals, the Authority may, at its sole discretion, seek clarifications from any Applicant regarding its Proposal. Such clarification(s) shall be provided within the time specified by the Authority for this purpose. Any request for clarification(s) and all clarification(s) in response thereto shall be in writing.

2.23.2 If an Applicant does not provide clarifications sought under Sub-Clause 2.23.1 above within the specified time, its Proposal shall be liable to be rejected. In case the

Proposal is not rejected, the Authority may proceed to evaluate the Proposal by construing the particulars requiring clarification to the best of its understanding, and the Applicant shall be barred from subsequently questioning such interpretation of the Authority.

E. APPOINTMENT OF CONSULTANT

2.24 Selected Applicant

The first ranked Applicant (the “**Selected Applicant**”) may, if necessary, be invited for clarifications and reconfirmation of commitments and its obligations under this RFP, deployment of Key Personnel, methodology and quality of the work plan.

2.25 Substitution of Key Personnel

The Authority will not normally consider any request of the Selected Applicant for substitution of Key Personnel. Substitution, will, however be permitted if the Key Personnel is not available for reasons of any incapacity or due to health, subject to equally or better qualified and experienced personnel being provided to the satisfaction of the Authority.

2.26 Indemnity

The Consultant shall, subject to the provisions of the Agreement, indemnify the Authority for any direct loss or damage that is caused due to any deficiency in services.

2.27 Award of Consultancy

After selection, a Letter of Acceptance (the “LOA”) shall be issued, in duplicate, by the Authority to the Selected Applicant and the Selected Applicant shall, within 7 (seven) days of the receipt of the LOA, sign and return the duplicate copy of the LOA in acknowledgement thereof. In the event the duplicate copy of the LOA duly signed by the Selected Applicant is not received by the stipulated date, the Authority may, unless it consents to extension of time for submission thereof, forfeit the Proposal Security of such Applicant, and the next eligible Applicant may be considered.

2.28 Performance Security

Upon receipt of Letter of Intent (LOA) from the NRDA, the successful Consultant shall furnish the Performance Security of an amount equal to 5% of cost of consultancy services/ financial proposal by way of Bank Guarantee for the due performance of the Contract in the format of Performance Security Form given at Annexure-D. The Performance Security shall be furnished by the selected Consultant within the time specified in LOA but prior to execution of Agreement. The validity period of Bank Guarantee of Performance Security shall be 270 days from the date of LOA and the Consultant shall have to provide the extended Bank Guarantee,

before the expiry of 270 days, if required, which shall be valid for the period of six months beyond the date of completion of assignment.

2.29 Execution of Agreement

After acknowledgement of the LOA as aforesaid by the Selected Applicant, it shall execute the Agreement within the period of 21 (Twenty One) days from the date of issuance of LOA. The Selected Applicant shall not be entitled to seek any deviation in the Agreement. If the Selected Applicant fails to submit the Performance Security as per clause 2.28 and fails to sign the Agreement, his proposal Security shall be forfeited and Appropriated by the Authority. In such an event, the Authority may invite the Second Ranked Applicant for negotiations and may issue LOA to him.

2.30 Commencement of Assignment

The Consultant shall commence the Services within seven days from the date of signing of the Agreement. If the Consultant fails to commence the assignment as specified herein, the Authority may, unless it consents to extension of time thereof may forfeit his Proposal Security as well as his Performance Security and appropriate the same in accordance with the provisions of clause 2.20.4 of this RFP and the Agreement.

2.31 Proprietary data

All documents and other information provided by the Authority or submitted by an Applicant to the Authority shall remain or become the property of the Authority. Applicants and the Consultant, as the case may be, are to treat all information as strictly confidential. The Authority will not return any Proposal or any information related thereto. All information collected, analysed, processed or in whatever manner provided by the Consultant to the Authority in relation to the Consultancy shall be the property of the Authority.

3. CRITERIA FOR EVALUATION

3.1 Evaluation of Technical Proposals

3.1.1 In the first stage, the Technical Proposal will be evaluated on the basis of Applicant's experience, presentation and financial capability. Only those Applicants whose Technical Proposals score **170 marks** or more out of 300 shall qualify for further consideration, and shall be ranked from highest to the lowest on the basis of their technical score (S_t).

3.1.2 The scoring criteria to be used for evaluation shall be as follows.

| Sr. No. | Particulars | Maximum Score |
|----------|---|---------------|
| A | Technical Experience: | 100 |
| | Experience of working in last 5 years, preceding date of publication of this RFP, in minimum 1 project: | 50 |
| | (i) Preparation of Detailed Project Report for SCADA (supervisory control and data acquisition) system for any existing or new urban infrastructure project for any municipality, Municipal Corporation, any development authority of minimum population of Five Lakh (500,000) in India | |
| | 1 relevant project experience | 40 |
| | 2 relevant projects experiences | 45 |
| | 3 or more relevant projects experience | 50 |
| | Experience of working in last 5 years, preceding date of publication of this RFP, in minimum 1 project: | 50 |
| | (ii) Preparation of Detailed Project Report on IT enabled land management system for any municipality, municipal corporation, any development authority of minimum population of five lakh (5,00,000) in India | |
| | 1 relevant project experience | 40 |
| | 2 relevant projects experiences | 45 |

| Sr. No. | Particulars | Maximum Score |
|----------------|--|----------------------|
| | 3 or more relevant projects experience | 50 |
| B | Experience of the Team proposed for the assignment | 150 |
| 1 | Team Leader Experience in designing and / or implementing SCADA system for urban infrastructure projects OR Experience in designing and / or implementing land management system for any municipality, municipal corporation, development authority in India OR Experience in designing and / or implementing Intelligent Transport System (ITS) | 40 |
| | 1 relevant project experience | 30 |
| | 2 relevant projects experiences | 35 |
| | 3 or more relevant projects experience | 40 |
| 2 | Expert of SCADA (supervisory control and data acquisition) Experience in designing and / or implementing SCADA (supervisory control and data acquisition) system for any urban infrastructure projects like water supply, sewerage, power distribution etc. | 40 |
| | 1 relevant project experience | 30 |
| | 2 relevant projects experiences | 35 |
| | 3 or more relevant projects experience | 40 |
| 3 | Expert of designing integrated land management system Experience in designing and / or implementing land management system for any municipality, municipal corporation, development authority in India | 40 |
| | 1 relevant project experience | 30 |
| | 2 relevant projects experiences | 35 |
| | 3 or more relevant projects experience | 40 |
| 4 | IT expert Experience in designing and / or implementing security / surveillance systems for buildings, large open area using IT enabled equipment from control room | 20 |

| Sr. No. | Particulars | Maximum Score |
|----------------|---|----------------------|
| | OR Experience in designing and / or implementing land management systems any municipality, municipal corporation or development authority, using IT enabled applications | |
| | 1 relevant project experience | 10 |
| | 2 relevant projects experiences | 15 |
| | 3 or more relevant projects experience | 20 |
| 5 | Procurement Expert Experience in preparing tender documents for procurement of consultant, review of procurement documents for procurement of goods, equipment etc. | 10 |
| | 1 relevant project experience | 5 |
| | 2 relevant projects experiences | 8 |
| | 3 or more relevant projects experience | 10 |
| C | Adequacy of the proposed work plan and methodology in responding to the TOR setting out understanding and appreciation of the TOR and implementation approach | 50 |
| | Understanding of Objectives | 10 |
| | Quality of Methodology | 10 |
| | Innovativeness / comments on TOR | 5 |
| | Work Program | 10 |
| | Proposal presentation by the team leader | 15 |
| | Grand total | 300 |

Note:

- I. The bidders who will be adjudged as eligible shall be invited for a presentation to elaborate the following:
 - a. Organization background
 - b. Similar experience
 - c. Key personnel
 - d. Approach and Methodology for the project
 - e. Deployment of key personnel

- II. A bidder shall have to secure **minimum 170 marks** to be eligible for opening of financial proposal.

3.1.3 Eligible Assignments

For the purposes of determining Conditions of Eligibility and for evaluating the Proposals under this RFP, consultancy assignments in respect of projects the bidder shall provide the documentary evidence in respect of the above by enclosing notarised copy of certificate from client, work orders, agreements, with the technical proposal. Without such submissions a project experience shall not be considered as Eligible Assignments for evaluation. The projects will be evaluated for every eligible city. In other words, if a bidder has an agreement for providing services for projects in more than one city under a single agreement, then the cities, which are eligible under that agreement, will be considered separately for evaluation.

3.2 Short-listing of Applicants

Only those Applicants whose Technical Proposals score **170 marks** or more out of 300 shall qualify for further consideration, and shall be short-listed with ranking from highest to the lowest on the basis of their technical score (S_t).

3.3 Evaluation of Financial Proposal

- 3.3.1 In the second stage, the financial evaluation will be carried out as per this Clause 3.3. Each Financial Proposal will be assigned a financial score (S_f).

- 3.3.2 For financial evaluation, the total cost indicated in the Financial Proposal will be considered.

- 3.3.3 The Authority will determine whether the Financial Proposals are complete, unqualified and unconditional. The cost indicated in the Financial Proposal shall be deemed as final and reflecting the total cost of services. Omissions, if any, in costing any item shall not entitle the firm to be compensated and the liability to fulfill its obligations as per the TOR within the total quoted price shall be that of the Consultant. The lowest financial proposal (F_M) will be given a financial score (S_f) of 100 points. The financial scores of other proposals will be computed as follows:

$$S_f = 100 \times F_M/F$$

(F = amount of Financial Proposal of the applicant)

3.4 Combined and Final Evaluation

- 3.4.1 Proposals will finally be ranked according to their combined technical (S_t) and financial (S_f) scores as follows:

$$S = S_t \times T_w + S_f \times F_w$$

Where S is the combined score, and T_w and F_w are weights assigned to Technical Proposal and Financial Proposal that shall be **0.70 and 0.30** respectively.

- 3.4.2 The Selected Applicant shall be the First Ranked Applicant (having the highest combined score). The Second Ranked Applicant shall be kept in reserve and may be invited for negotiations in case the first ranked Applicant withdraws, or fails to comply with the requirements specified in Clause 2.24, 2.28 and 2.29, and 2.30 as the case may be.

4. FRAUD AND CORRUPT PRACTICES

- 4.1 The Applicants and their respective officers, employees, agents and advisers shall observe the highest standard of ethics during the Selection Process. Notwithstanding anything to the contrary contained in this RFP, the Authority shall reject a Proposal without being liable in any manner whatsoever to the Applicant, if it determines that the Applicant has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice (collectively the "Prohibited Practices ") in the Selection Process. In such an event, the Authority shall, without prejudice to its any other rights or remedies, forfeit and appropriate the Proposal Security or Performance Security, as the case may be, as mutually agreed genuine pre-estimated compensation and damages payable to the Authority for, inter alia, time, cost and effort of the Authority, in regard to the RFP, including consideration and evaluation of such Applicant's Proposal.
- 4.2 Without prejudice to the rights of the Authority under Clause 4.1 hereinabove and the rights and remedies which the Authority may have under the LOA or the Agreement, if an Applicant or Consultant, as the case may be, is found by the Authority to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Selection Process, or after the issue of the LOA or the execution of the Agreement, such Applicant or Consultant shall not be eligible to participate in any tender or RFP issued by the Authority during a period of 2 (two) years from the date such Applicant or Consultant, as the case may be, is found by the Authority to have directly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, as the case may be.
- 4.3 For the purposes of this Clause, the following terms shall have the meaning hereinafter respectively assigned to them:
- (a) "corrupt practice" means (i) the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the action of any person connected with the Selection Process (for avoidance of doubt, offering of employment to or employing or engaging in any manner whatsoever, directly or indirectly, any official of the Authority who is or has been associated in any manner, directly or indirectly with the Selection Process or the LOA or has dealt with matters concerning the Agreement or arising there from, before or after the execution thereof, at any time prior to the expiry of one year from the date such official resigns or retires from or otherwise ceases to be in the

service of the Authority, shall be deemed to constitute influencing the actions of a person connected with the Selection Process; or (ii) engaging in any manner whatsoever, whether during the Selection Process or after the issue of the LOA or after the execution of the Agreement, as the case may be, any person in respect of any matter relating to the Project or the LOA or the Agreement, who at any time has been or is a legal, financial or technical consultant/ adviser of the Authority in relation to any matter concerning the Project;

- (b) “fraudulent practice” means a misrepresentation or omission of facts or disclosure of incomplete facts, in order to influence the Selection Process;
- (c) “coercive practice” means impairing or harming or threatening to impair or harm, directly or indirectly, any persons or property to influence any person’s participation or action in the Selection Process;
- (d) “undesirable practice” means (i) establishing contact with any person connected with or employed or engaged by the Authority with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Selection Process; or (ii) having a Conflict of Interest; and
- (e) “restrictive practice” means forming a cartel or arriving at any understanding or arrangement among Applicants with the objective of restricting or manipulating a full and fair competition in the Selection Process

5. PRE-PROPOSAL CONFERENCE

- 5.1 Pre-Proposal Conference of the Applicants shall be convened at the designated date, time and place. A maximum of two representatives of each Applicant shall be allowed to participate on production of an authority letter from the Applicant.

- 5.2 During the course of Pre-Proposal Conference, the Applicants will be free to seek clarifications and make suggestions for consideration of the Authority. The Authority shall endeavour to provide clarifications and such further information as it may, in its sole discretion, consider appropriate for facilitating a fair, transparent and competitive Selection Process.

6. MISCELLANEOUS

- 6.1 The Selection Process shall be governed by, and construed in accordance with, the laws of India and the Courts at Raipur shall have exclusive jurisdiction over all disputes arising under, pursuant to and/or in connection with the Selection Process.
- 6.2 The Authority, in its sole discretion and without incurring any obligation or liability, reserves the right, at any time, to:
- (a) suspend and/or cancel the Selection Process and/or amend and/or supplement the Selection Process or modify the dates or other terms and conditions relating thereto;
 - (b) consult with any Applicant in order to receive clarification or further information;
 - (c) retain any information and/or evidence submitted to the Authority by, on behalf of and/or in relation to any Applicant; and/or
 - (d) independently verify, disqualify, reject and/or accept any and all submissions or other information and/or evidence submitted by or on behalf of any Applicant.
- 6.3 It shall be deemed that by submitting the Proposal, the Applicant agrees and releases the Authority, its employees, agents and advisers, irrevocably, unconditionally, fully and finally from any and all liability for claims, losses, damages, costs, expenses or liabilities in any way related to or arising from the exercise of any rights and/or performance of any obligations hereunder, pursuant hereto and/or in connection herewith and waives any and all rights and/or claims it may have in this respect, whether actual or contingent, whether present or future.

7. Payments to the Consultant

In consideration of the Services performed by the Consultants, the consultant will be entitled for payment of fees as per following payment schedule:

| S. No. | Payment Milestones | Percentage of Payment of total Financial Proposal Payable |
|--------|---|---|
| 1 | On Approval of Authority of Inception Report | 5% |
| 2 | On submission of case studies | 5% |
| 3 | On First submission of Draft DPR | 10% |
| 4 | On Approval of Authority on DPR | 10% |
| 5 | On first submission of draft legislation for the operating agency | 2% |
| 6 | On First submission of Request for Proposal (RFP) documents for procurement of System Integrator | 5% |
| 7 | On Publication of RFP(s) for procurement of System Integrator | 10% |
| 8 | On approval of draft legislation for the operating agency | 3% |
| 9 | On Issue of LOA(s) after selection of System Integrator(s) | 5% |
| 10 | On Execution of Contract(s) with the selected entity(ies) | 5% |
| 11 | Monthly payment for supervision of implementation, integration, testing and commissioning of the smart city system up to the roll out of the entire system | 15% (To be paid in equal instalments every month during the period of supervision of training) |
| 12 | Monthly payment for supervision of training of NRDA personnel in operation of land management system, supervision of operation of land management system and supervision of operation of the entire smart city system | 15% (To be paid in equal instalments every month during the period of supervision of training) |
| 13 | Submission of successful system operation report: Within 30 days from the date of issue of completion certificate by NRDA | 10% |

Note:

The payment as per above schedule shall be made to the consultant on completion of satisfactory performance (to be decided by the Authority) of all activities/roles/duties upto the stage of payment as indicated in the Deliverables & Time Frame as per the TOR.

SCHEDULES

Schedule – 1: TERMS OF REFERENCE (TOR)

1. Broad Objectives:

NRDA intends to prepare a Detailed Project Report for –

- a. City Surveillance System
- b. Land Management System
- c. Intelligent Transport System (ITS)
- d. Integrated SCADA System for Infrastructure

2. Scope

The Detailed Project Report shall consist of Detailed Design and Implementation Mechanism for the Services enumerated in the broad objectives in separate and severable modules. The detail scope is as below -

a. **City Surveillance System** : The city surveillance system shall have the following objectives:

- i. Detection of unauthorized excavation and quarrying, constructions and encroachments, hoarding, advertisement boards and stoppage thereof, assistance in removal
- ii. Detection of and protection from theft / spoiling / vandalizing of public utilities and goods
- iii. Protection the roads, footpaths and street furniture, display boards, street lights, water supply, sewerage, power supply and distribution networks and installation, bus shelters, etc.
- iv. Protection of landscape areas, plantation, trees, vegetation, gardens and parks
- v. For restricting entry of unauthorized vehicles within the city

b. **Land Management System** : The scope shall include -

- i. Validation and integration of all land related data at site from procurement of land to land use planning and disposal
- ii. Tracking submission and process of approval of the building plans
- iii. Integration of the utility services with the land management system and ultimately creating two user interfaces – one for use of NRDA and the other for the land owners / city dwellers, which may be accessed by them through a website for seeing the status land ownership and land use and associated urban services (like water, sewerage etc.), for submitting application for connection, depositing fees for those and also for paying user charges for

urban services and for paying land related payments (like lease premium, lease rentals, license fees etc.).

- iv. Development of an integrated website which should show geo-referenced map of Naya Raipur with descriptions such as:

(a) Street view with names / numbers (b) Land parcels views with its ownership and history (c) Public transport routes with stoppages (d) Driving routes and distances from one point to another point (e) Travel routes by public transport and walking and distances with alternatives from one point to another point (f) Social & recreational infrastructure (g) Government offices (h) Police stations, fire stations with contact numbers (i) Schools (j) Hospitals and other health care infrastructure (k) Facility of drawing lines, polygons, text on the map with color options with option for saving and printing (l) Measuring of distances, routes with respective choice of units (m) Option for searching a particular location, building etc., with instant suggestions (n) Option for zooming into the map upto plot level (o) Option for posting enquiry by users (p) Connectivity of the website with all mobile application platforms (q) Option of lodging information about any incident, fire, accident, water logging, traffic jam, littering, vandalizing etc. with option of uploading photograph or video

- c. **Intelligent Transport System (ITS) :** The scope shall include -

- i. Automatic signaling system which will automatically alter the cycle time depending on the traffic queue on a particular street
- ii. Integrated signaling system for the pedestrian and non-motorized transport
- iii. Use of camera for enforcement of traffic rules at least for the following:
 - a. Speed cameras that identify vehicles traveling over the legal speed limit. Many such devices use radar to detect a vehicle's speed or electromagnetic loops buried in each lane of the road.
 - b. Red light cameras that detect vehicles that cross a stop line or designated stopping place while a red traffic light is showing.
 - c. Bus lane cameras that identify vehicles traveling in lanes reserved for buses.
 - d. Level crossing cameras that identify vehicles crossing railways at grade illegally.
- iv. Integration of traffic signal system of the entire city, such that all can be automated and can be operated and monitored remotely from a single control center
- v. Integration of ITS for BRTS those are being implemented under SUTP

d. Integrated SCADA System for Infrastructure

- i. Design and integration of SCADA with that of the components which are being implemented for management and monitoring of water collection and distribution system – for monitoring of pressure, flow data, leakage etc. and also to monitor the automatic metering of end users
- ii. Design and integration with SCADA for sewerage system including the waste treatment plants
- iii. Design and integration with SCADA of power distribution system
- iv. Intelligent street lights, landscape and public area lighting system with sensors for energy efficiency
- v. System of detection of fire at vital installations and fire alarm

3. Deliverables:

(1) Inception Report: The Consultant shall prepare an Inception Report which shall comprise of the following:

- a. **Project appreciation**, including understanding of assignment
- b. **Detailed methodology** to meet the requirements of the TOR; including scheduling of various activities to be carried out for completion of various stages of the work; stating out clearly their approach & methodology for project preparation
- c. Task Assignment and manning Schedule indicating Deal Team and Manpower Commitment.
- d. Performa for data collection for various surveys/studies;

(2) Case Studies: The Consultant shall study 3 cities at national / international scape, where smart city management system, ITS and most modern surveillance system with, similar to the objectives described above have been successful implemented and being successfully operated and shall prepare case studies describing the minimum of the following:

- e. Details of the city – Location, Area in Sq. Km, Population, name and contact details of the authority which implemented the system
- f. Components of the surveillance system
- g. Use of IT in the systems
- h. Cost of the system
- i. Duration of implementation
- j. Objectives and benefits of the system
- k. Tentative project cost
- l. Broad technical specifications of the system

(3) Detailed Project Report (DPR) for the components mentioned above: The Consultant shall prepare a Design Report for the above mentioned components under serial number 1 of this terms of reference for Naya Raipur, which shall comprise of the following:

A. Land management system

- (i) Study Naya Raipur Development Plan, all applicable and relevant guidelines, rules, and regulations
- (ii) Collect the data from various section of the NRDA and analyse the status of same
- (iii) Data entry/re-entry/data conversion of all textual records, including mutation records and other land attributes data
- (iv) Correct and validate the data after validating the co-ordinates at site
- (v) **Prepare methodology for digitization of Land Records for the following:**
 - m. Digitization of cadastral map /High Resolution Satellite Image
 - n. Integration of textual and spatial data
 - o. Convert all the attribute data in the GIS format and prepare a System Requirement Analysis.
 - p. Khasra and land parcels of development area with unique system ID
 - q. Design formats for attributes Queries and Output
- (vi) **Prepare methodology for Integration of data and maps for the following:**
 - a. Integration of the development plan with the Khasra map
 - b. Integration of Khasra map, development plan, sector plans and action area map
 - c. Integration of plot based land record data with GIS plot maps
 - d. Integration financial details of plot with the GIS plot maps
 - e. Integration of the entire infrastructure network such as water supply, roads, sewerage, etc.
 - f. Provision for easy integration of any modification in the development plan and future area action plan
 - g. Major Provision of the development control regulations
 - h. Overlay of all maps of existing and proposed service lines and other infrastructure details and its integration with development plan and layouts.
- (vii) Recommend extent of use of IT for the land management system, along with their requirement, application areas and use, in consultation with NRDA
- (viii) Recommend a comprehensive list of human resources and equipments to be deployed with their specifications and numbers
- (ix) Recommend the architecture for design of website
- (x) Recommend the list of service providers who can be linked with this master website who can be given Application Program Interface (API) such that their locations can be

integrated in the master map on certain payment terms, which will be source of revenue for NRDA

B. City surveillance system

- (i) Survey of Naya Raipur city with respect to the following:
 - a. Identification of road network – both village roads and newly constructed roads for using for the purpose of patrolling, including their width and conditions for movement of vehicles, two wheelers etc., for the purpose of patrolling
 - b. Entry and exit points in the city to be monitored,
 - c. Location of vital installations, street furniture etc. to be secured
 - d. Location of bus shelters, display boards, equipments to be secured
 - e. Landscape areas to be protected
 - f. Natural resources to be protected, like trees from cutting, soil from excavation, quarrying etc.
- (ii) Prepare strategy for city wide surveillance in consultation with NRDA
- (iii) Analyze the requirement and applicability of IT enabled equipments
- (iv) Recommend use, number and location of use of equipments for automated / semi-automated surveillance system
- (v) Recommend extent of use of IT enabled surveillance system, along with their requirement, application areas and use, in consultation with NRDA
- (vi) Recommend a comprehensive list of human resources and equipments to be deployed with their specifications and numbers
- (vii) Recommend communication devices required for communication of personnel deployed at different locations and also with the patrolling teams with the control centre
- (viii) Recommendation of a system that can be used for maintaining comprehensive logs of security breaches and generation of periodical reports, including action taken. The system should also be able to generate orders, notices etc. in prescribed formats, which can be pre-entered into the system
- (ix) Recommend integration with police department
- (x) Recommend hierarchical structure of the operation agency
- (xi) Recommend qualification, experience, skills / trainings required for the personnel at each hierarchy of the operation agency and personnel to be deployed as a part of guard, patrolling team, operators at control centre and the manager

C. Design and integration of SCADA or similar intelligent system with that of the components which are being implemented for the purpose of management and monitoring of water collection and distribution system – for monitoring of pressure, flow data, leakage etc. and also to monitor the automatic metering of end users

D. Design and integration with SCADA of sewerage system including the waste treatment plants

- (i) Study the water collection and distribution network, sewerage network, engineering and the system
- (ii) Study the concession agreement for the developer responsible for implementing the water supply and sewerage project for understanding the specifications, responsibilities, time frame etc. also in discussion with the NRDA and the engineers of developer and the project management consultant
- (iii) Understand the phasing of development of the city and development pattern
- (iv) Study, analyze and recommend the technology for meeting the objectives with integration with that of the sections which are at present under implementation

E. Design and integration with SCADA of power distribution system

- (i) Study the power distribution network, engineering and the system
- (ii) Study the contract documents for the developer/contractor responsible for implementing the power supply project for understanding the specifications, responsibilities, time frame etc. also in discussion with the NRDA and the engineers of developer/contractor and the project management consultant
- (iii) Understand the phasing of development of the city and development pattern
- (iv) Study, analyze and recommend the technology for meeting the objectives with integration with that of the sections which are at present under implementation

F. Intelligent street lights, landscape and public area lighting system with sensors for energy efficiency

- (i) Study the road network, landscape, recreational area and public spaces in Naya Raipur
- (ii) Understand the phasing of development of the city and development pattern
- (iii) Study, analyze and recommend the technology for meeting the objectives

G. System of automatic detection of fire at vital installations and fire alarm

- (i) Study the Naya Raipur city
- (ii) Understand the phasing of development of the city and development pattern
- (iii) Study, analyze and recommend the technology for meeting the objectives

The consultant shall prepare the following for all of the above components, as part of the DPR:

- (i) Decide the detailed architecture and the requirement of software
- (ii) Cost analysis and preparation of budget
- (iii) Recommend application areas for the entire city, along with recommended phasing of implementation
- (iv) Prepare complete technical specifications and Bill of Quantities
- (v) Prepare necessary drawings – General Arrangement Drawings, Good for Construction Drawings etc.
- (vi) Study Naya Raipur Development Plan, all applicable and relevant guidelines, rules, and regulations
- (vii) Suggest technology options with SWOT analysis of each options, life of equipments, suggested to be installed, location of application of each of those, cost of replacement, capital cost and operation cost; Equipments to chosen such that they can be integrated and upgraded in future.
- (viii) Recommend location of centralized control centre, in consultation with NRDA.
- (ix) Recommend built-up area required for control centre
- (x) Prepare design of control centre, including General Arrangement Drawings and good for construction drawings
- (xi) Recommend mode of data communication from devices, installed at different locations in Naya Raipur with the Control Centre
- (xii) Recommended most optimal solution supported with detailed analysis along with details of technical and financial parameters
- (xiii) Separate block cost estimate of individual project components, structures, equipments vehicles, etc., including barriers, search lights, alarm, communication equipments, etc., along with their specifications
- (xiv) Market survey for the identification of the prospective operators / implementing agencies, suppliers of recommended equipments (at least 3 suppliers for each type of equipments).
- (xv) Social and Environmental Impact Assessment Study
- (xvi) Identifying and listing the requirements of all the statutory clearances/approvals required for setting up the project.
- (xvii) Submit a comprehensive report and modify the report incorporating the suggestions of NRDA, with the above descriptions
- (xviii) Assist NRDA in documentation for stake holder consultation and also in presentations related to that

4. **Preparation of Request for proposal documents for selection of System Integrator(s) and assist in bid process management:** The Consultant shall prepare the Request for Proposal (RFP) documents for procurement of System Integrator(s) and shall also assist in bid process management:

- (i) Preparation of Project Information Memorandum, Instruction to Bidders with bidding formats, contract agreements with obligations of operator and etc. for selection of System Integrator(s), through competitive bidding process, on the basis of basic principles of competitive bidding
 - (ii) Assist the Authority in pre-bid meets and responding pre-bid queries. The expenses of Pre-Bid Meet shall be borne by the NRDA.
 - (iii) The Consultant shall be responsible to prepare Bid evaluation Report and shall submit the report to the Authority with its recommendation.
 - (iv) The Consultant shall facilitate the issue of LoA to the Selected Bidders, shall finalize the Agreements and shall also facilitate the signing of Agreements between the Authority and the Selected Bidders
 - (v) Assist and facilitate Authority in complete bid process management, including all documentation, marketing of the Project etc.
5. **Preparation and submission of draft legislation:** The Consultant shall prepare a draft of legislation for the implementing / operating agency, with following objectives:
- a. To describe the legal status of the operating agency
 - b. To laid down the procedure of operation for the agency and the legal framework for the same
 - c. To describe the rights and obligations of the agency
 - d. To clearly describe the interdependencies between the agency and the Police
 - e. An organization structure and reporting hierarchy for the mechanism of the system shall also be designed by the Consultant as a part of it
6. **Supervision of work of System Integrator(s), review of deliverables and co-ordination among System Integrator(s):** The Consultant shall review all submissions and deliverables, reports of the System Integrator(s) and shall approve the same before submitting the same with its appraisal note.
7. **Supervision of Procurement:** The Consultant shall review the tender documents, prepared and submitted by the System Integrator(s) and shall also oversee the entire procurement process and shall review all procurement documentation for the procurement of the following:
- a. Procurement of equipment, hardware, software etc.
 - b. Procurement of services, like for development of website etc.
 - c. Procurement of civil contractor, site supervision consultant etc.
8. **Supervision of Implementation work:** The Consultant shall supervise the implementation work, integration, testing and commissioning of equipments. The respective subject experts

shall be posted in Raipur / Naya Raipur during this period of supervision of implementation work which will comprise of the following activities:

- (i) Assist NRDA in entire Project Management including, quality assurance, timelines, reviewing the deviations and applying the changes;
- (ii) Witness testing of all equipments on behalf of NRDA and certify the same before commissioning;
- (iii) Supervise all works upto commissioning, including procurements, and witnessing the system acceptance and issue completion certificate(s) recommending system roll out, after obtaining approval of NRDA for the same.

9. **Supervision of first 1 year of operation of all components:** The Consultant shall supervise the operation of all components for 1 year from their respective dates of commencement of operation. Out of this 1 year, first respective subject experts shall be posted in Raipur during the first 6 months of operation which will be the stabilization period. During the next 6 months the subject experts will visit the operation every month or any time in between when they will be called by the Client.

10. **Review and approve the training and user manuals and Supervision of training of NRDA personnel in operation of the components:**

- (i) The System Integrator will prepare training and user manuals for all components in Hindi and English. The Consultant shall review and approve the same before use.
- (ii) The System Integrator will provide theoretical and on the job training to the NRDA personnel on operation of the components. The Consultant shall witness those training programs and shall ensure the quality and duration of the same. The on job training to the personnel shall of 6 months and shall commence after the Consultant and the System Integrator will certify that a particular system to be stable after operation of 6 months

The approval to the various studies, reports and other related works undertaken by the Consultant for achieving over all objectives shall be accorded by the Authority.

11. **Time Frame & Deliverables:**

Time schedule for the consultancy work will be as follows:

| S. No. | Description | Duration from the date of execution of Agreement |
|--------|--------------------------------|--|
| 1 | Submission of Inception Report | 0.5 months |
| 2 | First submission of Draft DPR | 6 months |

| S. No. | Description | Duration from the date of execution of Agreement |
|---------------|---|--|
| 3 | Final submission of DPR | 1 month after the date of last set of comments received on the Draft DPR |
| 4 | Submission of RFP(s) for procurement of system Integrator, which would comprise of Project Information Memorandum, Instruction to Bidders with bidding formats and draft agreement with technical schedules | 1 month after approval of the Final DPR |
| 5 | Submission of Monthly Progress Reports during the period of procurement of equipment and goods | Within 5 th day of every month for the previous month |
| 6 | Submission of Monthly Progress Reports during the period of supervision of implementation work of 6 months | Within 5 th day of every month for the previous month |
| 7 | Submission of Monthly Progress Reports during the period of supervision of operation of 6 months | Within 5 th day of every month for the previous month |
| 8 | Submission of successful system operation report | Within 30 days from the date of successful commissioning of the last component |

Note:

- (i) Consultant shall be required to complete the job to the satisfaction of the Authority within the prescribed time frame.
- (ii) Any other activity not specifically mentioned but that may be required for the successful project development and selection of implementing agencies / vendors, successful testing & commissioning of the entire system shall have to be undertaken by the Consultant.

12. Services and Submittals of Report

All reports, documents and drawings are to be submitted for entire project. The analysis of data and the conceptual design, block estimate of costs shall be based on the data derived from the Land surveys and investigations, studies carried out during the period of assignment. The sources of data and model relationships used in the reports shall be indicated with complete details for easy reference.

13. Reports and documents to be submitted by the Consultant to NRDA

The consultant shall submit to NRDA the reports and document in English language in bound volumes (and not spiral binding form) after completion of each stage of work as per this schedule and in at least three numbers of copies. Further, the reports shall also be submitted

in CD's in editable formats in addition to the hard copies as mentioned. Consultant shall submit all reports mentioned specifically in the preceding paras of the TOR.

The time schedule for various submissions prescribed at Deliverables and Time Frame above shall be strictly adhered to. No. time-over-run in respect of these submissions will normally be permitted.

14. Activity Schedule

An activity schedule of various activities shall be provided by the Consultant to Authority and the activity schedule approved by the Authority (the "**Activity Schedule**") shall form a part of the Agreement. Prior intimation shall be given to Authority by the Consultant regarding start of key activities such as soil investigation and land survey etc.

15. Data and Software

The CD's/DVD's containing all basic as well as the processed data from all field studies and investigations, report, appendices, annexure, documents and drawings shall be submitted to AUTHORITY in editable formats at the time of the submission of the Final Report. The data can be classified as follows:

- (i) **Engineering Investigations:** Material Investigation including test results for soils, topographic survey, Sub-soil Exploration, Drainage system of sites, where ever required
- (ii) **Reports including DPRs:** All reports including the Detailed Project Reports shall be submitted in hard copies as well as in editable soft copies
- (iii) **Drawings:** All drawing data would be supplied in suitable format along with complete reference so that the data could be imported into any standard design software.
- (iv) **Block Cost Estimate:** The Consultant shall submit the block cost estimate for various works item including the data developed on computer in this relation so that it could be used by the Authority later for the purpose of updating the cost of the project.
- (v) **Budget, Economic and Financial Analysis:** Detailed calculation in MS Excel format to be submitted in soft copies

Software: The Consultant shall also hand -over to AUTHORITY DVD's/ CD's containing any general software including the financial model (in editable format) which has been specifically developed for the project.

The DVD's/CD's should be properly indexed and a catalogue giving contents of all floppies/CD's and print-outs of the contents (data from field studies topographic data and drawings) should be handed over to AUTHORITY at the time of submission of the Final Report.

16. Scope of work of System Integrator(s) [for information only]:

- (i) Develop details specification of the system
- (ii) Submit activity schedule with schedule of finalization of specifications, procurement, installation, testing & commissioning
- (iii) Prepare tender documents and assist NRDA in bid process management for procurement of hardware, equipment, software, service providers, civil contractors, site supervision consultants etc.
- (iv) Assist NRDA in pre-bid meetings, drafting reply to pre-bid queries, writing and finalizing contract documents etc.
- (v) Manage the entire supply of goods, co-ordinate with manufacturers
- (vi) Implement the systems
- (vii) Test and commission the systems
- (viii) Operate the systems for 1 year from the date of commissioning of system from their respective dates of commissioning
- (ix) Prepare training and user manuals in Hindi and English
- (x) Provide theoretical and on-job training to NRDA personnel
- (xi) Resubmissions after required modifications, as may be desired by the Consultant / NRDA
- (xii) Submit monthly progress reports every month during its contract period
- (xiii) Assist NRDA in preparing presentations, concept notes, in stakeholder consultations, in awareness programs etc.

SCHEDULE – 2 - Draft of Contract Form

CONTRACT FOR CONSULTANCY SERVICES

Between

.....

[name of Client]

and

.....

[name of Consultant]

Draft of Agreement for Consultant for providing services related to designing and supervising implementation of Smart City including City Surveillance System and Land Management System for Naya Raipur, Chhattisgarh

This AGREEMENT (hereinafter referred to as the “Agreement”) is made on the _____ day of the month of _____ 20__ between, on the one hand, the NAYA RAIPUR DEVELOPMENT AUTHORITY (NRDA) having its office in front of Mahanadi Dwar of Mantralaya, Raipur, Chhattisgarh (hereinafter referred to as the “**the Authority**” which expression shall include their respective successors, unless the context otherwise requires) and, on the other hand, _____ - (hereinafter referred to as the “**Consultant**” which expression shall include their respective successors and permitted assigns).

- A. The Authority vide its Request for Proposal (RFP) for providing certain Consultancy Services as defined in this Agreement (hereinafter referred to as the “**Consultancy**”) for providing services related to designing and supervising implementation of City Surveillance System and Land Management System for Naya Raipur, Chhattisgarh, as defined in RFP document (hereinafter referred to as the “**Project**”).
- B. The Consultant submitted its proposals for the aforesaid work, whereby the Consultant represented to the Authority that it had the required professional skills, and in the said proposals the Consultant also agreed to provide the Services to the Authority on the terms and conditions as set forth in the RFP and this Agreement; and
- C. The Authority, on acceptance of the aforesaid proposals of the Consultant, awarded the Consultancy to the Consultant vide its Letter of Intent dated _____ (the “**LOA**”);
- D. The Consultant acknowledged the LOA on _____ [date] and submitted Performance Security through _____, No. _____, dated _____ of amount _____; and
- E. In pursuance of the LOA, the parties have agreed to enter into this Agreement.

NOW, THEREFORE, the parties hereto hereby agree as follows:

1. GENERAL

1.1 Definitions and Interpretation

- 1.1.1 The words and expressions beginning with capital letters and defined in this Agreement shall, unless the context otherwise requires, have the meaning hereinafter respectively assigned to them:
- a) “Applicable Laws” means the laws and any other instruments having the force of law in India as they may be issued and in force from time to time;
 - b) “Agreement” means this Agreement, together with all the Annexes;
 - c) “Agreement Value” shall have the meaning set forth in Clause 6.
 - d) “Additional Costs” shall have the meaning set forth in Clause 6.
 - e) “Confidential Information” shall have the meaning set forth in Clause 3.3;
 - f) “Conflict of Interest” shall have the meaning set forth in Clause 3.2 read with the provisions of RFP;
 - g) Authority means Naya Raipur Development Authority, a Special Area Development Authority constituted under the ‘CG Nagar Tatha Gram Nivesh Adhinyam, 1973’ by Government of Chhattisgrah for development, operation and maintenance of infrastructure of Naya Raipur.
 - h) “Effective Date” means the date on which this Agreement comes into force and effect pursuant to Clause 2.1;
 - i) “Expatriate Personnel” means such persons who at the time of being so hired had their domicile outside India;
 - j) “Government” means the Government of Chhattisgarh
 - k) “INR, Re., ₹ Or Rs.” means Indian Rupees;
 - l) “Personnel” means persons hired by the Consultant or by any Sub Consultant as employees and assigned to the performance of the Services or any part thereof;
 - m) “Party” means the Authority or the Consultant, as the case may be, and Parties means both of them;

- n) "Resident Personnel" means such persons who at the time of being so hired had their domicile inside India;
- o) "Services" means the work to be performed by the Consultant pursuant to this Agreement, as described in the Terms of Reference hereto;
- p) "RFP" means the Request for Proposal document in response to which the Consultant's proposal for providing Services was accepted;
- q) "Terms of Reference "means the work to be performed by Consultant as mentioned in Annexure-A to this Agreement;
- r) "Third Party" means any persons or entity other than the Government, the Authority, the Consultant

All terms and words not defined herein shall, unless the context otherwise requires, have the meaning assigned to them in the RFP.

1.1.2 The following documents along with all addenda issued hereto shall be deemed to form and be read and construed as integral part of this Agreement and in case of any contradiction between or among them the priority in which a document would prevail over other would be as laid down below beginning from the highest priority to the lowest priority:

- a) Agreement;
- b) Annexure of Agreement;
- c) RFP; and
- d) Letter of Intent

1.2 Relation between the Parties

Noting contained herein shall be construed as establishing a relation of master and servant or of agent and principal as between the Authority and the Consultant. The Consultant shall, subject to this Agreement, have complete charge of Personnel performing the Services and shall be fully responsible for the Services performed by them or on their behalf hereunder.

1.3 Rights and Obligations

The mutual rights and obligations of the Authority and the Consultant shall be as set forth in the Agreement; in particular:

- a) the Consultant shall carry out the Services in accordance with the provisions of the Agreement; and
- b) the Authority shall pay Consultancy Fee to the Consultant in accordance with the Agreement.

1.4 Governing law and jurisdiction

This Agreement shall be construed and interpreted in accordance with and governed by the laws of India, and the courts at Raipur/ Bilaspur, Chhattisgarh shall have exclusive jurisdiction over matters arising out of or relating to this Agreement.

1.5 Language

All notices required to be given by one Party to the other Party and all other communications, documentation and proceedings which are in any way relevant to this Agreement shall be in writing and in English language.

1.6 Table of contents and headings

The table of contents headings or sub-headings in this agreement are for convenience of reference only and shall not be used in, and shall not affect, the construction or interpretation of this Agreement.

1.7 Notices

Any notice or other communication to be given by any Party to the other Party under or in connection with the matters contemplated by this Agreement shall be in writing and shall:

- a) in the case of the Consultant, be given by facsimile and by letter delivered by hand/post to the address given and marked for attention of the Consultant's Representative set out below in Clause 1.10 or to such other person as the Consultant may from time to time designate by notice to the Authority provided that if the Consultant does not have an office in Raipur it may send such notice by facsimile and by registered acknowledgement due, air mail, or by courier, fax or e-mail.
- b) in the case of the Authority, be given by facsimile and by letter delivered by hand/post and be addressed to the Authority with a copy delivered to the Authority Representative set out below in Clause 1.10 or to such other person as the Authority

may from time to time designate by notice to the Consultant; provided that if the Consultant does not have an office in Raipur it may send such notice by facsimile and by registered acknowledgement due, air mail, or by courier, fax & e-mail.

1.8 Location

The Services shall be performed at the site required to accomplish the Terms of Reference (TOR) task of the project in accordance with the provisions of RFP and at such locations as are incidental thereto, including the offices of the Consultant.

1.9 Authorized representatives

1.9.1 Any action required or permitted to be taken, and any document required or permitted to be executed, under this Agreement by the Authority or the Consultant, as the case may be, may be taken or executed by the officials specified in this Clause 1.10.

1.9.2 The Authority may, from time to time, designate one of its officials as the Authority Representative, Unless otherwise notified, the Authority Representative shall be;

The Chief Executive Officer
Naya Raipur Development Authority (NRDA)
In front of Mahanadi Dwar of Mantralaya,
Raipur 492 001, Chhattisgarh

TEL NO: + 91 771 4066011

Fax No.: +91 771 4066188

E-MAIL: ceo@nayarapur.com with a c.c. to psc@nayarapur.com

1.9.3 The Consultant may designate one of its employees as Consultant's Representative. Unless otherwise notified, the Consultant's Representative shall be:

Tel:

Fax

1.10 Taxes and duties

Unless otherwise specified in the Agreement, the Consultant shall pay all such taxes, duties, fees and other impositions as may be levied under the Applicable Laws and the Authority shall perform such duties in regard to the deduction of such taxes as may be lawfully imposed on it.

2. COMMENCEMENT, COMPLETION AND TERMINATION OF AGREEMENT

2.1 Effectiveness of Agreement

This Agreement shall come into force and effect on the date of execution of this Agreement: (the “**Effective Date**”).

2.2 Commencement of Services

The Consultant shall commence the Services within a period of 7 (seven) days from the Effective Date, unless otherwise agreed by the Parties.

2.3 Termination of Agreement for failure to commence Services

If the Consultant does not commence the Services within the period specified in Clause 2.2 above, the Authority may, by not less than 2 (two) weeks’ notice to the Consultant, declare this Agreement to be null and void, and in the event of such a declaration, the Proposal Security as well as the Performance Security of the Consultant shall stand forfeited.

2.4 Expiration of Agreement

Unless terminated earlier pursuant to Clause 2.9 hereof, this Agreement shall expire when the Services have been completed and a period of 90 (ninety) days has elapsed after all payments due under this Agreement, have been made.

2.5 Entire Agreement

2.5.1 This Agreement and the Annexes together constitute a complete and exclusive statement of the terms of the agreement between the Parties on the subject hereof, and no amendment or modifications hereto shall be valid and effective unless such modification or amendment is agreed to in writing by the Parties and duly executed by persons especially empowered in this behalf by the respective Parties. All prior written or oral understandings, offers or other communications of every kind pertaining to this

Agreement are abrogated and withdrawn; provided, however, that the obligations of the Consultant arising out of the provisions of the RFP shall continue to subsist and shall be deemed as part of this Agreement.

2.6 **Modifications of Agreement**

Modification of the terms and conditions of this Agreement may only be made by written agreement between the Parties hereof, however, each Party shall give due consideration to any proposals for modifications made by the other Party.

2.7 **Force Majeure**

2.7.1 **Definition**

- a) For the purposes of this Agreement, "**Force Majeure**" means an event which is beyond the reasonable control of a Party, and which makes a Party's performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible in the circumstances, and includes, but is not limited to, war, riots, civil disorder, earthquake, fire, explosion, storm, flood or other adverse weather conditions, strikes, lockouts or other industrial action (except where such strikes, lockouts or other industrial action are within the power of the Party invoking Force Majeure to prevent), confiscation or any other action by government agencies.
- b) Force Majeure shall not include (i) any event which is caused by the negligence or intentional action of a Party or agents employees there of, nor (ii) any event which a diligent Party could reasonably have been expected to both (A) take into account at the time of the conclusion of this Agreement and (B) avoid or overcome in the carrying out of its obligations hereunder.
- c) Force Majeure shall not include insufficiency of funds or failure to make any payment required hereunder.
- d) The Authority will decide the eventuality of Force Majeure which will be binding on both the parties.

2.7.2 **No breach of Agreement**

The failure of a Party to fulfill any of its obligations hereunder shall not be considered to be a breach of, or default under, this Agreement insofar as such inability arises from an event of Force Majeure, provided that the Party affected by such an event has taken all

reasonable precautions, due care and reasonable alternative measures, all with the objective of carrying out the terms and conditions of this Agreement.

2.7.3 Measures to be taken

- a) A Party affected by an event of Force Majeure shall take all reasonable measures to remove such Party's inability to fulfill its obligations hereunder with a minimum of delay.
- b) A Party affected by an event of Force Majeure shall notify the other Party of such event as soon as possible, and in any event not later than fourteen (14) days following the occurrence of such event, providing evidence of the nature and cause of such event, and shall similarly give notice of the restoration of normal conditions as soon as possible.
- c) The Parties shall take all reasonable measures to minimise the consequences of any event of Force Majeure.

2.7.4 Extension of time

Any period within which a Party shall, pursuant to this Agreement, complete any action or task, shall be extended for a period equal to the time during which such Party was unable to perform such action as a result of Force Majeure.

2.7.5 Payments

During the period of its inability to perform the Services as a result of an event of Force Majeure, the Consultant shall be entitled to be reimbursed for additional costs reasonably and necessarily incurred by it during such period for the purposes of the Services and in reactivating the Services after the end of such period. Such expenses will be approved by the Authority. The Consultant will have to provide proper justification and certificate from their auditors for such expenses on the format as may be decided by the Authority.

2.7.6 Consultation

Not later than thirty (30) days after the Consultant has, as the result of an event of Force Majeure, become unable to perform a material portion of the Services, the Parties shall consult with each other with a view to agreeing on appropriate measures to be taken in the circumstances.

2.8 Suspension of Agreement

The Authority may, by written notice of suspension to the Consultant, without any obligation (financial or otherwise) suspends all the payments to the Consultant hereunder if the Consultant shall be in breach of this Agreement or shall fail to perform any of its obligations under this Agreement, including the carrying out of the Services; provided that such notice of suspension (i) shall specify the nature of the breach or failure, and (ii) shall provide an opportunity to the Consultant to remedy such breach or failure within a period not exceeding thirty (30) days after receipt by the Consultant of such notice of suspension.

2.9 Termination of Agreement

2.9.1 By the Authority

The Authority may, by not less than thirty (30) days' written notice of termination to the Consultant, such notice to be given after the occurrence of any of the events specified in this Clause 2.9.1, terminate this Agreement if:

- a) the Consultant fails to remedy any breach hereof or any failure in the performance of its obligations hereunder, as specified in a notice of suspension pursuant to Clause 2.8 herein above, within thirty (30) days of receipt of such notice of suspension or within such further period as the Authority may have subsequently granted in writing;
- b) the Consultant becomes insolvent or bankrupt or enters into any agreement with its creditors
- c) for relief of debt or take advantage of any law for the benefit of debtors or goes into liquidation or
- d) receivership whether compulsory or voluntary;
- e) the Consultant fails to comply with any final decision reached as a result of arbitration proceedings pursuant to Clause 9 hereof;
- f) if the Consultant fails to comply decision of the Authority.
- g) the Consultant submits to the Authority a statement which has a material effect on the rights, obligations or interests of the Authority and which the Consultant knows to be false;
- h) any document, information, data or statement submitted by the Consultant in its Proposals, based on which the Consultant was considered eligible or successful, is found to be false, incorrect or misleading; or
- i) as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) days.

2.9.2 **By the Consultant**

The Consultant may, by not less than thirty (30) days' written notice to the Authority, such notice to be given after the occurrence of any of the events specified in this Clause 2.9.2, terminate this Agreement if:

- a) the Authority is in material breach of its obligations pursuant to this Agreement and has not remedied the same within forty-five (45) days (or such longer period as the Consultant may have subsequently agreed in writing) following the receipt by the Authority of the Consultant's notice specifying such breach;
- b) as the result of Force Majeure, the Consultant is unable to perform a material portion of the Services for a period of not less than sixty (60) days; or
- c) the Authority fails to comply with any final decision reached as a result of arbitration pursuant to Clause 9 hereof.

2.9.3 **Cessation of rights and obligations**

Upon termination of this Agreement pursuant to Clauses 2.3 or 2.9 hereof, or upon expiration of this Agreement pursuant to Clause 2.4, all rights and obligations of the Parties hereunder shall cease, except (i) such rights and obligations as may have accrued on the date of termination or expiration, (ii) the obligation of confidentiality set forth in Clause 3.3 hereof, (iii) the Consultant's obligation to permit inspection, copying and auditing of its accounts and records set forth in Clause 3.6.

2.9.4 **Cessation of Services**

Upon termination of this Agreement by notice of either Party to the other pursuant to Clauses 2.9.1 or 2.9.2 the Consultant shall, immediately upon dispatch or receipt of such notice, take all necessary steps to bring the Services to a close in a prompt and orderly manner and shall make every reasonable effort to keep expenditures for this purpose to a minimum. With respect to documents prepared by the Consultant and equipment and materials furnished by the Authority, the Consultant shall proceed as provided respectively by Clauses 3.9 or 3.10

2.9.5 **Payment upon Termination**

Upon termination of this Agreement pursuant to **Clauses 2.9.1 or Clause 2.9.2** hereof, NRDA shall make the following payments to the Consultant (after offsetting against these

payments any amount that may be due from the Consultant to NRDA):

- a. payment pursuant to **Clause 6** hereof for Services satisfactorily performed prior to the date of termination; and
- b. except in the case of termination pursuant to sub-clauses (a) through (i) of **Clause 2.9.1** hereof, reimbursement of any reasonable direct documented costs incidental to the prompt and orderly termination of the Agreement including the cost of the return travel of the Personnel.

2.9.6 Disputes Resolution

(i) **Amicable Settlement:**

The parties shall use their best efforts to settle amicably all disputes arising out of or in connection with this Agreement or the interpretation thereof.. In the event a dispute, differences or claim arises in connection with the interpretation or implementation of this agreement, the aggrieved party shall issue a written notice setting out the Dispute/differences or claim to the other party, parties shall first attempt to resolve such dispute through mutual consultation. If the dispute is not resolved as aforesaid within 15 days from the date of receipt of written notice, the matter will be referred for Arbitration.

(ii) **Arbitration:**

In case the dispute is not resolved as indicated in Clause 2.9.6(1), any party may issue a notice of reference, invoking resolution of disputes through arbitration in accordance with the provisions of the Arbitration Conciliation Act, 1996. The arbitral proceedings shall be conducted by a sole arbitrator that may be appointed with the consent of Parties to such dispute. If there is no agreement among the parties to the identity or appointment of such sole arbitrator within 30 days of issue of notice of reference, then the arbitral proceedings will be conducted by a panel of three arbitrators, one arbitrator to be appointed by Authority and other appointed by Consultant and the third arbitrator to be mutually appointed by the other two arbitrators in accordance with provisions of Arbitration and Conciliation Act, 1996. Arbitration proceedings shall be conducted in and the award shall be made in English language. Arbitration proceedings shall be conducted at Raipur and following are agreed:

The arbitration award shall be final and binding on the Parties, and the Parties agree to be bound thereby and to act accordingly.

The arbitrator may award to the Party that substantially prevails on merit, its costs and reasonable expenses (including reasonable fees for counsel)

When any dispute is under arbitration, except for matters under dispute, the Parties shall continue to exercise their remaining respective rights and fulfill their remaining respective obligations under this Agreement.

3. OBLIGATIONS OF THE CONSULTANT

3.1 General

3.1.1 Standards of Performance

The Consultant shall perform the Services and carry out its obligations hereunder with all due diligence, efficiency and economy, in accordance with generally accepted professional techniques and practices, and shall observe sound management practices, and employ appropriate advanced technology and safe and effective equipment, machinery, materials and methods. The Consultant shall always act, in respect of any matter relating to this Agreement or to the Services, as a faithful adviser to the Authority, and shall at all times support and safeguard the Authority's legitimate interests in any dealings with Third Parties.

3.1.2 Terms of Reference

The scope of Services to be performed by the Consultant are specified in the Terms of Reference (the "TOR") at Annexure-A of this Agreement. The Consultant shall provide the deliverables specified therein in conformity with the time schedule stated therein.

3.1.3 Applicable Laws

The Consultant shall perform the Services in accordance with the Applicable Laws and shall take all practicable steps to ensure that all Personnel and agents of the Consultant comply with the Applicable Laws.

3.2 Conflict of Interest

The consultant shall not receive any remuneration in connection with the assignment except as provided in this Agreement. The consultant and its affiliates shall not engage in consulting activities that conflict with the interest of the NRDA under the contract and shall be excluded from downstream supply of goods or construction of works or purchase of any asset or provision of any other service related to the assignment other than a continuation of the Services" under the ongoing contract. It should be the requirement of the consultancy contract that the consultants should provide professional, objective and impartial advice and at all times hold the NRDA interests' paramount, without any consideration for future work, and that in providing advice they avoid conflicts with other assignments and their own corporate interests. Consultants shall not be hired for any assignment that would be in conflict with their prior or

current obligations to other NRDA, or that may place them in a position of being unable to carry out the assignment in the best interest of the Employer. Without limitation on the generality of the foregoing, Consultants shall not be hired, under the circumstances set forth below:

- (i) **Conflict between Consulting activities and procurement of goods, works or services:** A Consultant/ Consultancy concern that have been engaged to provide goods, works, or services for a project, and each of its affiliates, shall be disqualified from providing consulting services related to those goods, works or services. Conversely, a Consultant/ Consultancy concern hired to provide consulting services for the preparation or implementation of a project, and each of its affiliates, shall be disqualified from subsequently providing goods, works or services for such preparation or implementation.
- (ii) **Conflict among consulting assignments:** Neither consultants (including their personnel) nor any of their affiliates shall be hired for any assignment that, by its nature, may be in conflict with another assignment of the consultants. As an example, consultants hired to prepare engineering design for an infrastructure project shall not be engaged to prepare an independent environmental assessment for the same project, and consultants assisting a NRDA in the privatization on public assets shall neither purchase nor advise purchasers of, such assets. Similarly, consultants hired to prepare Terms of Reference (TOR) for an assignment shall not be hired for the assignment in question.
- (iii) **Relationship with Employer's staff:** Consultants (including their personnel) that have a business or family relationship with such member(s) of the Employer's staff or with the staff of the project implementing agency, who are directly or indirectly involved in any part of ; (i) the preparation of the TOR of the contract, (ii) the selection process for such contract, or (iii) supervision of such contract; may not be awarded a contract unless it is established to the complete satisfaction of the employing authority, for the reason to be recorded in writing, that such relationship would not affect the aspects of fairness and transparency in the selection process and monitoring of consultant's work.

3.3 Confidentiality

The Consultant and its Personnel shall not, either during the term or within two years after the expiration or termination of this Agreement disclose any proprietary information, including information relating to reports, data, drawings, design software or other material, whether written or oral, in electronic or magnetic format, and the contents thereof; and any reports, digests or summaries created or derived from any of the foregoing that is provided by the

Authority to the Consultant, and a Personnel of Consultant any information provided by or relating to the Authority, its technology, technical processes, business affairs or finances or any information relating to the Authority's employees, officers or other professionals or suppliers, customers, or contractors of the Authority; and any other information which the Consultant is under an obligation to keep confidential in relation to the Project, the Services or this Agreement ("**Confidential Information**"), without the prior written consent of the Authority.

Notwithstanding the aforesaid, the Consultant, and its Personnel may disclose Confidential Information to the extent that such confidential Information:

- (i) was in the public domain prior to its delivery to the Consultant and its Personnel or becomes a part of the public knowledge from a source other than the Consultant, and the its Personnel;
- (ii) was obtained from a third party with no known duty to maintain its on Confidentiality;
- (iii) is required to be disclosed by Law or judicial or administrative or arbitral process or by any Governmental Instrumentalities, provided that for any such disclosure, the Consultant, and its Personnel shall give the Authority, prompt written notice, and use reasonable efforts to ensure that such disclosure is accorded confidential treatment;
- (iv) is provided to the professional advisers, agents, auditors or representatives of the Consultant or its Personnel, as is reasonable under the circumstances; provided, however, that the Consultant or its Personnel, as the case may be, shall require their professional advisers, agents, auditors or its representatives, to undertake in writing to keep such Confidential Information, confidential and shall use its best efforts to ensure compliance with such undertaking.

3.4 Liability of the Consultant

3.4.1 The Consultant's liability under this Agreement shall be determined by the Applicable Laws and the provisions hereof.

3.4.2 Consultant's liability towards the Authority

The Consultant shall, subject to the limitation specified in Clause 3.4.3, be liable to the Authority for any direct loss or damage accrued or likely to accrue due to deficiency in Services rendered by it.

3.4.3 The Parties hereto agree that in case of negligence or willful misconduct on the part of the Consultant or on the part of any person or firm acting on behalf of the Consultant in carrying out the Services, the Consultant, with respect to damage caused to the Authority's property or resulting losses or damages suffered by the Authority, shall be not liable to the Authority:

- (i) for any indirect or consequential loss or damage; and
- (ii) for any direct Loss or damage that exceeds (a) the Agreement Value set forth in this Agreement, or (b) the proceeds the Consultant may be entitled to receive from any insurance maintained by the Consultant to cover such a liability whichever of (a) or (b) is higher.

This limitation of liability shall not affect the Consultant's liability, if any, for damage to Third Parties caused by the Consultant or any person or firm acting on behalf of the Consultant in carrying out the Services.

3.5 Insurance to be taken out by the Consultant

The Consultant (i) shall take out and maintain, own cost, insurance against the risks, and for the coverage, as and (ii) at the Authority's request, shall provide evidence to the Authority showing that such insurance has been taken out and maintained and that the current premiums thereof have been paid.

3.6 Consultant's actions requiring the Authority's prior approval

The Consultant shall obtain the Authority's prior approval in writing before appointing any other personnel than mentioned in Annexure 3-C, i.e. Key Personnel.

3.7 Reporting obligations

The Consultant shall submit to the Authority the reports and documents specified in Annexure-B hereto, in the form, in the numbers and within the time periods set forth in the said Annexure.

3.8 Documents prepared by the Consultant to be property of the Authority

3.8.1 All plans, drawings, specifications, designs, reports and other documents prepared by the Consultant in performing the Services shall become and remain the property of the Authority, and the Consultant shall, not later than termination or expiration of this Agreement, deliver all such documents to the Authority, together with a detailed

inventory thereof. The Consultant may retain a copy of such documents. Restrictions about the future use of these documents shall be as specified in the Agreement.

3.8.2 The Consultant shall not use these documents for purposes unrelated to this Agreement without the prior written approval of the Authority.

3.9 Accuracy of Documents

The Consultant shall be responsible for accuracy of the data collected by it directly or procured from other agencies/authorities, the designs, drawings, estimates and all other details prepared by it as part of these services. Subject to the provisions of Clause 3.4, it shall indemnify the Authority against any inaccuracy in its work which might surface during implementation of the Project, if such inaccuracy is the result of any negligence or inadequate due diligence on part of the Consultant or arises out of its failure to conform to good industry practice. The Consultant shall also be responsible for promptly correcting, at its own cost and risk, the drawings including any re-survey /investigations.

3.10 Modification of Agreement

3.10.1 Modification of the terms and conditions of this Agreement, may only be made by written agreement between the Parties. Any instruction for modification of the terms and conditions of this Agreement made by the Authority shall be binding on the Consultant.

3.10.2 Modification and / or variation in the scope of Services may be made by NRDA at any stage in the following manner, by giving 15 days prior notice to the consultant:

- a. increase, decrease or omission of any part of the consultancy services;
- b. change the character or content of any part;
- c. change the direction or dimensions of any part;
- d. additional scope

3.10.3 In the case of increase, decrease or omission of any part of the consultancy services the fees may be increased or decreased, as the case may be, on pro rata basis.

3.10.4 Where the Authority requires Modification and / or variation in the scope of Services, other than increase, decrease or omission of any part of the consultancy services or modification of terms and conditions of this Agreement, the parties will negotiate in good faith for finalizing the variation of the fees and the time for completion. If there is a failure to reach agreement, even after reasonable effort by both parties, the Agreement may be terminated by the Authority by giving 30 days prior notice, in which case the Authority

shall pay the costs of actual work done till the date of issue of notice for termination on the above cause.

3.11 In case of delay caused due to any reasons except due to the default of consultant, the period of service agreement shall be extended with or without additional fees which may be decided by NRDA.

3.12 The Consultant shall submit detailed experience of firm(s), which it wishes to appoint as sub-consultant for delivering a part of Terms of Reference, to NRDA, requesting approval. The Consultant can appoint a sub-consultant only after obtaining approval of NRDA in writing. In the event of rejection of proposal of sub-consultant by NRDA, the Consultant may submit separate proposal for the same.

4. CONSULTANT'S PERSONNEL

- 4.1 The Consultants shall employ following qualified and experienced Personnel to carry out the services as given in TOR and the Consultant shall not change any person whose Curriculum Vitae (CV) has been submitted, without prior permission of Authority. Without written permission of Authority any such action shall be deemed as breach of contract.
- 4.2 The Authority will not normally consider any request of the Consultant for substitution of Key Personnel. Substitution, will, however be permitted if the Key Personnel is not available for reasons of any incapacity or due to health, subject to equally or better qualified and experienced personnel being provided to the satisfaction of the Authority.
- 4.3 The Authority expects all the Key Personnel to be available during Implementation of the Agreement. The Authority will not consider substitution of Key Personnel except for reasons of any incapacity or due to health. Such substitution shall ordinarily be limited to one Key Personnel subject to equally or better qualified and experienced personnel being provided to the satisfaction of the Authority.

5. Services and Facilities to be provided by the NRDA

The NRDA shall not provide any services and/or facilities to the appointed Consultant during the studies and submission of stipulated documents. The consultants will have to arrange for all facilities/services required to carry out the assigned work on this project at their cost. However, introductory/ recommendation letter and other facilitation, as deemed fit, work shall be provided to the consultants on request for obtaining desired services and facilities from concerned authority for which the Consultants shall make payment to the concerned authorities directly.

6. Payment to the Consultant

In consideration of the Services performed by the Consultant under this Contract, the consultant will be entitled for total fees consideration as per Financial Proposal annexed at Annexure - E. The Consultant undertakes to fulfill the commitment as indicated in the Financial Proposal.

In consideration of the Services performed by the Consultant, the Consultant will be entitled for payment of fees consideration as per following payment schedule after the approval on respective submissions of the Authority:

| S. No. | Payment Milestones | Percentage of Payment of total Financial Proposal Payable |
|---------------|---|---|
| 1 | On Approval of Authority of Inception Report | 5% |
| 2 | On submission of case studies | 5% |
| 3 | On First submission of Draft DPR | 10% |
| 4 | On Approval of Authority on DPR | 10% |
| 5 | On first submission of draft legislation for the operating agency | 2% |
| 6 | On First submission of Request for Proposal (RFP) documents for procurement of System Integrator | 5% |
| 7 | On Publication of RFP(s) for procurement of System Integrator | 10% |
| 8 | On approval of draft legislation for the operating agency | 3% |
| 9 | On Issue of LOA(s) after selection of System Integrator(s) | 5% |
| 10 | On Execution of Contract(s) with the selected entity(ies) | 5% |
| 11 | Monthly payment for supervision of implementation, integration, testing and commissioning of the smart city system up to the roll out of the entire system | 15% (To be paid in equal instalments every month during the period of supervision of training) |
| 12 | Monthly payment for supervision of training of NRDA personnel in operation of land management system, supervision of operation of land management system and supervision of operation of the entire smart city system | 15% (To be paid in equal instalments every month during the period of supervision of training) |
| 13 | Submission of successful system operation report: Within 30 days from the date of issue of completion certificate by NRDA | 10% |

Note:

The payment as per above schedule shall be made to the consultant on completion of satisfactory performance (to be decided by the Authority) of all activities/roles/duties upto the stage of payment as indicated in the Deliverables & Time Frame as per the TOR.

7. Currency of Payment

All payments shall be made in Indian Rupees.

8. **Severability**

- 8.1 If at any time any provision of this Agreement becomes illegal, invalid or unenforceable in any respect under the Law of any jurisdiction that shall not affect or impair:
- a) The legality, validity or enforceability in that jurisdiction of any other provision of this Agreement; or
 - b) The legality, validity or enforceability under the Law of any other jurisdiction of that or any other provision of this Memorandum
- 8.2 This Agreement may be altered or modified by mutual consent of the Parties for purposes of safeguarding the proper implementation of the scope of work.
- 8.3 The parties agree to furnish/execute such further or other documents/papers for giving fullest effect to the Scope of Work as may be required by the Authority

9. **JURISDICTION OF COURTS:**

All disputes arising out of this Agreement shall be subject to the jurisdiction of the Courts at Raipur only

10. **Performance Security**

Upon receipt of Letter of Acceptance (LOA) from the NRDA, the Consultant shall furnish the Performance Security of an amount equal to 5% of cost of consultancy services/ financial proposal, by way of Bank Guarantee for the due performance of the Contract in the format of Performance Security Form given at Annexure-D. The Performance Security shall be furnished by the selected Consultant with in the time specified in LOA but prior to execution of Agreement. The validity period of Bank Guarantee of Performance Security shall be 270 days from the date of LOA and the Consultant shall have to provide the extended Bank Guarantee, before the expiry of 270 days, if required, which shall be valid for the period of six months beyond the date of completion of assignment.

11. **Penalty for delay:**

If progress of the assignment is not as per the agreed milestones, as referred in Annexure-A - Terms of Reference, the Consultant shall be liable to pay penalty unless, on its written request, the delay is condoned by Authority, constituted by GoCG, on the justified and valid grounds. For

delay upto four weeks beyond the mile stone fixed for selection of developer (as per the deliverables and time frame indicated in Section-4 TOR), a penalty equal to 0.25% of the agreed financial proposal, beyond four weeks upto eight weeks 0.50% of fees shall be payable to NRDA. In case of delay beyond 8 weeks, the matter will be referred to Authority whose decision will be final and binding, however, the maximum penalty for delay will not exceed 5% of the agreed financial proposal.

12. Indemnity

The Consultant will indemnify the NRDA for any direct loss or damage that is caused due to deficiency in services

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be signed and executed in their respective names as of the day, month and year first above written.

SIGNED, SEALED AND DELIVERED

SIGNED, SEALED AND DELIVERED

For and on behalf of Consultant:

For and on behalf of Authority:

(Signature of Authorized Representative)

(Signature of Authorized Representative)

(Name)

(Name)

(Designation)

(Designation)

(Address)

(Address)

(Phone, Fax Nos.)

(Phone, Fax Nos.)

Witnesses:

Witness 1

Witness 2

Signature:

Signature:

Name:

Name:

Address:

Address:

LIST OF ANNEXURE

Annexure A - Description of the Services

Annexure B - Reporting Requirements

Annexure C - Key Personnel and Sub-Consultants

Annexure D - Form of Bank Guarantee for Performance Security.

Annexure E – Form of Bank Guarantee for Proposal Security

Terms of reference

Reference invited to Schedule-1 of RFP

ANNEXURE- B

COMPOSITION OF THE TEAM AND TASKS OF KEY PERSONNELS

Proposed composition of the Team and Task(s) of Key Personnel

| Sr. no. | Designation | Minimum years of Relevant Experience | Minimum Qualification | Relevant Experience |
|---------|---|--------------------------------------|---|--|
| 1 | Team Leader | 8 years | Graduation: Any discipline of Engineering | Experience in designing and / or implementing SCADA system for urban infrastructure projects OR Experience in designing and / or implementing land management system for any municipality, municipal corporation, development authority in India OR Experience in designing and / or implementing Intelligent Transport System (ITS) AND Experience in costing, writing technical specifications, technical schedules, Bill of Quantities, writing reports etc. with respect to design of security / surveillance system This resource should have knowledge in the latest technology options and equipments, their use, and integration in security and surveillance |
| 2 | Expert of SCADA system | 5 years | Graduation: Any discipline related to IT / Computer Science engineering / Electronics / Computer Application / Electrical Engineering | Experience in designing and / or implementing SCADA (supervisory control and data acquisition) system for any urban infrastructure projects like water supply, sewerage, power distribution etc. |
| 3 | Expert of designing integrated land management system | 5 years | Graduation: Any discipline of Engineering | Experience in designing and / or implementing land management system for any municipality, municipal corporation, development authority in India |

| Sr. no. | Designation | Minimum years of Relevant Experience | Minimum Qualification | Relevant Experience |
|---------|--------------------|--------------------------------------|--|--|
| 4 | IT Expert | 5 years | Graduation: Any discipline related to IT / Computer Science / Electronics / Computer Application | Experience in designing and / or implementing security / surveillance systems for buildings, large open area using IT enabled equipments from control room OR Experience in designing and / or implementing land management systems any municipality, municipal corporation or development authority, using IT enabled applications AND This resource should have knowledge in the latest technology options and equipments, their use, and integration in security and surveillance Experience in writing technical specifications, technical schedules, Bill of Quantities etc. |
| 5 | Procurement Expert | 3 years | Graduation: Any discipline | Experience in preparing tender documents for procurement of consultant, review of procurement documents for procurement of goods, equipment etc. |
| 6 | Legal Expert | 10 years | Graduation: Law | Experience in drafting acts / legislations, reviewing RFPs, drafting contracts for service provider, consultants, reviewing contracts for suppliers / vendors for equipment etc. |

Note:

1. The Legal Expert may not be a full time employee of the Consultant's organization. However the Consultant shall be responsible for the correctness and completeness of works of the Legal Expert and also for timely submission of those and the cost of legal review shall be included in the Financial Proposal.
2. A proposal will be rejected if it fails to submit CVs of required key personnel with required experience with the technical proposal

ANNEXURE - C

FORM OF BANK GUARANTEE FOR PERFORMANCE SECURITY

To
The Chief Executive Officer
Naya Raipur Development Authority
In front of Mahanadi Dwar of Mantralaya,
Raipur 492 001, Chhattisgarh

WHEREAS _____ [**Name and address of the Consultant**] (hereinafter called "the **Consultants**") has undertaken, in pursuance of Letter of Acceptance (LOA) No. _____ dated _____ to provide the services on terms and conditions set forth in this Contract _____ [**Name of contract and brief description of works**] (hereinafter called the "**the Contract**").

AND WHEREAS it has been stipulated by you in the said Contract that the Consultants shall furnish you with a Bank Guarantee by a Scheduled Bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Consultants such a Bank Guarantee;

NOW THEREOF we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Consultants up to a total of _____ [**amount of Guarantee**]⁴ _____ [in words _____], such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you such amount in favour of CEO, NRDA through our branch operable at Raipur at _____ (*provide the address of the branch at Raipur*) and if invoked, be encashable at _____, branch of _____ bank at Raipur, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ [**amount of Guarantee**] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Consultants before presenting us with the demand.

⁴ Shall be equal to the amount stipulated in the Letter of Intent

We further agree that no change or addition to or other modification of the terms of the Contract or of the services to be performed there under or of any of the Contract documents which may be made between you and the Consultants shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

The liability of the Bank under this Guarantee shall not be affected by any change in the constitution of the Consultants or of the Bank.

Notwithstanding anything contained herein before, our liability under this guarantee is restricted to Rs. _____ (Rs. _____) and the guarantee shall remain valid till _____. Unless a claim or a demand or a request for extension in writing is made upon us on or before _____ all our liability under this guarantee shall cease.

This guarantee shall be valid until 270 days from the date LOA and shall be extended, before the expiry of 270 days, if required, for a period up to 6 months from the date of completion of assignment by the Consultant.

Signature and Seal of the Guarantor _____

Name and Designation _____

Name of the Bank _____

Address _____

Date _____

In presence of

1. _____
(Name, Signature & Occupation)

2. _____
(Name, Signature & Occupation)

Annexure - D

FORM OF BANK GUARANTEE FOR PROPOSAL SECURITY

To
The Chief Executive Officer
Naya Raipur Development Authority
In front of Mahanadi Dwar of Mantralaya,
Raipur 492 001, Chhattisgarh

WHEREAS _____ [**Name and address of the Consultant**] (hereinafter called "the **Consultants**") has undertaken, in pursuance of Request for Proposal No. _____ dated _____ to provide the Consultancy services for _____ [**Name of contract and brief description of works**] (hereinafter called the "**the Contract**") and other related documents (hereinafter collectively referred to as "Bidding Documents"),

AND WHEREAS it has been stipulated by you in the said Contract that the Consultants shall furnish you with a Bank Guarantee by a Scheduled Bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Consultants such a Bank Guarantee;

NOW THEREOF we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Consultants up to a total of _____ [**amount of Guarantee**]⁵ _____ [in words _____], such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you such amount in favour of CEO, NRDA through our branch operable at Raipur at _____ (provide the address of the branch at Raipur) and if invoked, be encashable at _____, branch of _____ bank in Raipur, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ [**amount of Guarantee**] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Consultants before presenting us with the demand.

⁵ Shall be equal to the amount stipulated in the Letter of Intent

We further agree that no change or addition to or other modification of the terms of the Contract or of the services to be performed there under or of any of the Contract documents which may be made between you and the Consultants shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

The liability of the Bank under this Guarantee shall not be affected by any change in the constitution of the Consultants or of the Bank.

Notwithstanding anything contained herein before, our liability under this guarantee is restricted to Rs. _____ (Rs. _____) and the guarantee shall remain valid till _____. Unless a claim or a demand or a request for extension in writing is made upon us on or before _____ all our liability under this guarantee shall cease.

This guarantee shall be valid until 210 days from the date LOA and shall be extended, before the expiry of 210 days, if required, for a period up to 6 months from the date of completion of assignment by the Consultant.

Signature and Seal of the Guarantor _____

Name and Designation _____

Name of the Bank _____

Address _____

Date _____

In presence of

1. _____
(Name, Signature & Occupation)

2. _____
(Name, Signature & Occupation)

Appendices

Appendix-I: Technical Proposal

Form 1: Letter of Proposal

Form 2: Particulars of the Applicant Firm

Form 3: Statement of Legal Capacity

Form 4: Power of Attorney for Signing of Proposal

Form 5: Eligibility Project Experience

Form 6: Approach Paper on methodology and work plan for performing the assignment.

Form 7: Proposed composition of Team and Task(s) of Key Personnel's

Form 8: CVs of proposed Key Personnel's

Appendix – II: Financial Proposal

Form 1: Format of Financial Proposal

Form 2: Break-up of Financial Proposal

APPENDIX-I

Technical Proposal

(See Clause 2.1.3)

Form-1

LETTER OF PROPOSAL

(On Applicant's letter head)

Dated:

The Chief Executive Officer,
Naya Raipur Development Authority (NRDA)
Raipur - 492001

Sub: Selection of Consultant for providing services related to designing and supervising implementation of Smart City including City Surveillance System and Land Management System for Naya Raipur, Chhattisgarh

Dear Sir,

- 1 With reference to your RFP document dated *****, I/we, having examined the Bidding Documents and understood their contents, hereby submit my/our Proposal for the aforesaid Project. The Proposal is unconditional and unqualified.
- 2 All information provided in the **Proposal** and in the Appendices is true and correct.
- 3 This statement is made for the express purpose of qualifying as a Bidder for undertaking the Project.
- 4 I/ We shall make available to the Authority any additional information it may find necessary or require to supplement or authenticate the Bid.
- 5 I/ We acknowledge the right of the Authority to reject our Proposal without assigning any reason or otherwise and hereby waive our right to challenge the same on any account whatsoever.
- 6 We certify that in the last three years, we have neither failed to perform on any contract, as evidenced by imposition of a penalty or a judicial pronouncement or arbitration award, nor been expelled from any project or contract nor have had any contract terminated for breach on our part.
- 7 I/ We declare that:
 - (a) I/ We have examined and have no reservations to the Bidding Documents, including

any Addendum issued by the Authority.

- (b) I/ We do not have any conflict of interest in accordance the RFP document;
 - (c) I/We have not directly or indirectly or through an agent engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, as defined in the RFP document, in respect of any tender or request for proposal issued by or any agreement entered into with the Authority or any other public sector enterprise or any government, Central or State; and
 - (d) I/ We hereby certify that we have taken steps to ensure that in conformity with the provisions of the RFP, no person acting for us or on our behalf has engaged or will engage in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice.
- 8 I/ We understand that you may cancel the Bidding Process at any time and that you are neither bound to accept any Proposal that you may receive nor to invite the Bidders to Bid for the Project, without incurring any liability to the Bidders, in accordance with the RFP document.
- 9 I/ We declare that we are not a Member of a/ any other firm submitting a Proposal for the Project.
- 10 I/ We certify that in regard to matters other than security and integrity of the country, we have not been convicted by a Court of Law or indicted or adverse orders passed by a regulatory authority which could cast a doubt on our ability to undertake the Project or which relates to a grave offence that outrages the moral sense of the community.
- 11 I/ We further certify that in regard to matters relating to security and integrity of the country, we have not been charge-sheeted by any agency of the Government or convicted by a Court of Law for any offence committed by us or by any of our Associates.
- 12 I/ We further certify that no investigation by a regulatory authority is pending either against us or against our Associates or against our CEO or any of our Directors/ Managers/ employees.
- 13 I/ We undertake that in case due to any change in facts or circumstances during the Bidding Process, we are attracted by the provisions of disqualification in terms of the guidelines referred to above, we shall intimate the Authority of the same immediately.
- 14 I/We hereby irrevocably waive any right which we may have at any stage at law or howsoever

otherwise arising to challenge or question any decision taken by the Authority in connection with the selection of the Bidder, or in connection with the Bidding Process itself, in respect of the above mentioned Project and the terms and implementation thereof..

- 15 In the event of my/ our being declared as the successful Bidder, I/We agree to enter into a Service Agreement in accordance with the draft that has been provided to me/us prior to the Proposal Due Date. We agree not to seek any changes in the aforesaid draft and agree to abide by the same.
- 16 I/We have studied all the Bidding Documents carefully and also surveyed the project site. We understand that except to the extent as expressly set forth in the Service Agreement, we shall have no claim, right or title arising out of any documents or information provided to us by the Authority or in respect of any matter arising out of or concerning or relating to the Bidding Process including the award of Concession.
- 17 The Consultancy Fee has been quoted by me/us after taking into consideration all the terms and conditions stated in the RFP, draft Service Agreement.
- 18 I/We offer a Proposal Security of Rs. 2,00,000/-(Rupees Two Lakhs only) to the Authority in accordance with the RFP Document.
- 19 The Proposal Security in the form of a Demand Draft/ Bank Guarantee (strike out whichever is not applicable) is attached.
- 20 I/We agree and understand that the Proposal is subject to the provisions of the Bidding Documents. In no case, I/We shall have any claim or right of whatsoever nature if the Project is not awarded to me/us or our Proposal is not opened.
- 21 I/We agree to keep this offer valid for 180 (one hundred and eighty) days from the Proposal Due Date specified in the RFP.
- 22 I/We agree and undertake to abide by all the terms and conditions of the RFP document.

In witness thereof, I/we submit this Proposal under and in accordance with the terms of the RFP document.

Yours faithfully,

Date: (Signature of the Authorised signatory)

Place: (Name and designation of the of the Authorised signatory)
Name and seal of Bidder

Form-2

PARTICULARS OF THE APPLICANT FIRM

1. NAME OF THE FIRM :
2. REGISTERED OFFICE :
3. DATE OF INCORPORATION :
4. CONSTITUTION OF CONSULTANT FIRM : Partnership/Sole Proprietor/ Limited/Pvt. Ltd. Company.
5. MAIN BUSINESS ACTIVITIES :
6. DETAILS OF MAIN BRANCHES :
7. FINANCIAL STATEMENT OF THE LAST THREE YEARS:
8. DETAILS OF CONTACT PERSONS

NAME :
DESIGNATION :
CONTACT TEL. NO. :
MOBILE NO. :
FAX NO. :
EMAIL ID :
POSTAL ADDRESS :

(Signature of Authorized signatory)

Note:

1. Figures mentioned in point no.7 above should be certified by a Chartered Accountant indicating his registration no. on his letter head. The certificate should be attached with the form.

APPENDIX-I

Form-3

STATEMENT OF LEGAL CAPACITY

(To be forwarded on the letter head of the Applicant)

To

Chief Executive Officer

Naya Raipur Development Authority (NRDA)

In front of Mahanadi Dwar of Mantralaya,

Raipur 492 001, Chhattisgarh

Sub: Selection of Consultant for providing services related to designing and supervising implementation of Smart City including City Surveillance System and Land Management System for Naya Raipur, Chhattisgarh

We have read and understood the RFP in respect of the captioned project provided to us by NRDA.

We hereby agree and undertake as under:

Notwithstanding any qualifications or conditions, whether implied or otherwise, contained in our Proposal we hereby represent and confirm that our Proposal is unqualified and unconditional in all respects and we agree to the terms of proposed agreement, draft of which also forms a part of the RFP document provided to us.

We are not barred by NRDA, Government of Chhattisgarh, Government of India or any agency of Government of Chhattisgarh / Government of India from participating in the consultancy assignment.

Dated this _____ Day of _____, 2012.

Name of the Consultant

Signature of the Authorized Person

Name of the Authorized Person

APPENDIX-I

Form-4

FORMAT FOR POWER OF ATTORNEY FOR SIGNING OF PROPOSAL

(On a Stamp Paper of relevant value)

POWER OF ATTORNEY

Know all men by these presents, we _____ (name and address of the registered office) do hereby constitute, appoint and authorize Mr./Ms. _____ (name and address of residence) who is presently employed with us and holding the position of _____ as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our proposal for the **Selection of Consultant for providing services related to designing and supervising implementation of Smart City including City Surveillance System and Land Management System for Naya Raipur, Chhattisgarh**, including signing and submission of all documents and providing information/ responses to Naya Raipur Development Authority ("NRDA"), representing us in all matters before NRDA in all matters in connection with our proposal for the said Project.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

(Signature)

(Name, Title and Address)

I Accept

(Signature)

(Name, Title and Address of the Attorney)

Notes:

The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s). Also, where required, the executants(s) should submit for verification the extract of the charter documents and documents such as a resolution / power of attorney in favour of the Person executing this Power of Attorney for the delegation of power hereunder on behalf of the Consultant.

In case the Proposal is signed by an authorised Director of the Consultant, a certified copy of the appropriate resolution / document conveying such authority may be enclosed in lieu of the Power of Attorney.

APPENDIX-I

Form-5A

ELIGIBLE PROJECT EXPERIENCE

(Reference invited to Clause 2.2.2 A)

Experience of working in last 5 years, preceding date of publication of this RFP, in minimum 1 project:

- (i) Preparation of Detailed Project Report for SCADA (supervisory control and data acquisition) system for any existing or new urban infrastructure project for any municipality, Municipal Corporation, any development authority of minimum population of Five Lakh (500,000) in India

A: SUMMARY

| S. No. | Name of Client | Name and location of project | Consultancy Fee (INR) | Land area of Project (Ha) | Whether Services have been completed | Period of involvement | |
|--------|----------------|------------------------------|-----------------------|---------------------------|--------------------------------------|-----------------------|----|
| | | | | | | From | To |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| | | | | | | | |
| | | | | | | | |

(Signature of Authorized signatory)

This is to certify that the above Consultancy Fee has been examined by us on the basis of relevant documents & other relevant information and the information submitted above is as per record and as per details of documents annexed herewith.

Signature, Address, Seal & Membership No. of Chartered Accountant

B. DETAILS OF THE PROJECTS INDICATED IN “A” OF FORM-5A

| S. No. | Assignment particulars | Applicants to fill up the details here | Reference page no. of documentary evidence |
|---------------|---|---|---|
| 1 | Title of the Project | | |
| 2 | Name and address of client | | |
| 3 | Date of commencement of Consultancy Assignment | | |
| 4 | Date of Completion of Consultancy Assignment | | |
| 5 | Budgeted / Actual Cost of the Project | | |
| 6 | Detail of consultancy services provided (attach work order / agreement in support) | | |
| 7 | Fees of Consultancy Assignment (attach work order / agreement in support) | | |
| 8 | Brief narrative of project | | |
| 9 | Date of execution of agreement between the client and the selected bidder for the project | | |
| 10 | Name of the Concessionaire / Developer for the project | | |
| 11 | Present status of project | | |

Note –

3. Each assignment details shall be provided on separate sheet.
4. In the absence of any one of the above or any other documentary evidence in support of above claim to the satisfaction of AUTHORITY, the information would be considered inadequate and could lead to exclusion of relevant project in assessment of experience.
5. Documentary proof, such as certificate from client clearly indicating the date of signing of agreement or signed copies of the agreement, executed between the client and the concessionaire / developer, for each of the assignments shall be enclosed and the same shall be duly signed by the Authorised Signatory of the Bidder in blue inedible ink in each page

(Signature of Authorized signatory)

APPENDIX-I

Form-5B

ELIGIBLE PROJECT EXPERIENCE

(Reference invited to Clause 2.2.2 A)

Experience of working in last 5 years, preceding date of publication of this RFP, in minimum 1 project:

- (ii) Preparation of Detailed Project Report on IT enabled land management system for any municipality, municipal corporation, any development authority of minimum population of five lakh (5,00,000) in India

A: SUMMARY

| S. No. | Name of Client | Name and location of project | Consultancy Fee (INR) | Population (Lakhs) | Whether Services have been completed | Period of involvement | |
|--------|----------------|------------------------------|-----------------------|--------------------|--------------------------------------|-----------------------|----|
| | | | | | | From | To |
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| | | | | | | | |
| | | | | | | | |

(Signature of Authorized signatory)

This is to certify that the above Consultancy Fee has been examined by us on the basis of relevant documents & other relevant information and the information submitted above is as per record and as per details of documents annexed herewith.

Signature, Address, Seal & Membership No. of Chartered Accountant

B. DETAILS OF THE PROJECTS INDICATED IN “A” OF FORM-5B

| S. No. | Assignment particulars | Applicants to fill up the details here | Reference page no. of documentary evidence |
|---------------|---|---|---|
| 1 | Title of the Project | | |
| 2 | Name and address of client | | |
| 3 | Date of commencement of Consultancy Assignment | | |
| 4 | Date of Completion of Consultancy Assignment | | |
| 5 | Budgeted / Actual Cost of the Project | | |
| 6 | Detail of consultancy services provided (attach work order / agreement in support) | | |
| 7 | Fees of Consultancy Assignment (attach work order / agreement in support) | | |
| 8 | Brief narrative of project | | |
| 9 | Date of execution of agreement between the client and the selected bidder for the project | | |
| 10 | Name of the Concessionaire / Developer for the project | | |
| 11 | Present status of project | | |

Note –

1. Each assignment details shall be provided on separate sheet.
2. In the absence of any one of the above or any other documentary evidence in support of above claim to the satisfaction of AUTHORITY, the information would be considered inadequate and could lead to exclusion of relevant project in assessment of experience.
3. Documentary proof, such as certificate from client clearly indicating the date of signing of agreement or signed copies of the agreement, executed between the client and the concessionaire / developer, for each of the assignments shall be enclosed and the same shall be duly signed by the Authorised Signatory of the Bidder in blue inedible ink in each page

(Signature of Authorized signatory)

APPENDIX-I

Form-6

**APPROACH PAPER ON METHODOLOGY AND WORK PLAN FOR PERFORMING THE
ASSIGNMENT**

(not more than ten pages)

APPENDIX-I

Form-7

PROPOSED COMPOSITION OF THE TEAM AND TASK(S) OF KEY PERSONNEL

| S. No | Name | Present Designation | Qualification | Relevant Experience | Proposed Position | Task Assigned |
|--------------|-------------|----------------------------|----------------------|----------------------------|---|----------------------|
| 1. | | | | | Team Leader | |
| 2. | | | | | Expert of SCADA system | |
| 3. | | | | | Expert of designing integrated land management system | |
| 4 | | | | | IT Expert | |
| | | | | | Procurement Expert | |
| | | | | | Legal Expert | |

Name & signature of the authorised signatory

APPENDIX-I

Form-8

CURRICULUM VITAE (CV) OF PROPOSED KEY PERSONNELS

Proposed Position :

Name of Firm the personnel employed:

Name of Staff

Designation

Date of Birth :

Years with Firm/Entity : Nationality

Membership of Professional Societies.....

Detailed Task Assigned :

Key Qualifications: [*Give an outline of staff member's experience and training most pertinent to tasks on assignment. Describe degree of responsibility held by staff member on relevant previous assignments and give dates and locations. Use about half a page.*]

Education : [*Summarize college/university and other specialized education of staff member, giving their names, dates attended, and degrees obtained. Use about one quarter of a page*]

Note:-

Personnel are to affix his recent photograph on first page of CV.

Complete address and phone number of the Personnel is to be provided.

Document for proof of age is to be enclosed.

Document for proof of qualification is to be enclosed.

Age of the personnel shall not be more than 65 years.

Employment Record: [*Starting with present position, list in reverse order every employment held. List all positions held by staff member since graduation, giving dates, name of employing organizations, titles of positions held, and locations of assignments. For experience in last ten years, also give types of activities performed and client references, where appropriate. Use about three quarters of a page.]*

Languages: [*For English language indicate proficiency: excellent, good, fair, or poor; in speaking, reading, and writing]*

Certification

I, the undersigned, certify to the best of my knowledge and belief that:

(i) This CV correctly describes my qualifications and my experience.

- (ii) I am not employed by the Executing /Implementing Agency.
- (iii) I am / I am not in regular full-time employment with the Consultant or the Sub-Consultant. 3
- (iii) I am committed to undertake the assignment within the validity of Proposal.

Name & Signature of the Key Personnel

Name & signature of the authorised signatory

Note:

- i. Scanned signature of the Key Personnel proposed, may be considered by the Authority
- ii. In case scanned signatures of Key Personnel are used for CVs, then the signature pages of the CVs shall be notarized.

APPENDIX-I

Form-9

Financial Capacity of the Applicant

(Refer Clause 2.2.2 (B))

| Particulars | Indian Rupees in Crores | | | |
|--|-------------------------|------------|------------|--------------------|
| | FY 2008-09 | FY 2009-10 | FY 2010-11 | Average of 3 years |
| Annual income in Indian Rupees from the advisory/consultancy services from operations in India | | | | |

(Signature of Authorized signatory)

This is to certify that the above information has been examined by us on the basis of relevant documents & other relevant information and the information submitted above is as per record and as per details of documents annexed herewith.

Signature, Address, Seal & Membership No. of Chartered Accountant

APPENDIX-II

Form-1

FORMAT OF FINANCIAL PROPOSAL

(On Applicant's letter head)

[Location, Date]

FROM: [Name of Consultant]

.....
.....
.....
.....

To

The Chief Executive Officer
Naya Raipur Development Authority
In front of Mahanadi Dwar of Mantralaya,
Raipur 492 001, Chhattisgarh

Dear Sir,

Sub: Selection of Consultant for providing services related to designing and supervising implementation of Smart City including City Surveillance System and Land Management System for Naya Raipur, Chhattisgarh

We, the undersigned, offer to provide the consulting services for the above in accordance with your RFP. Our Financial Proposal for Project is for the sum of Indian Rupees..... (Amount in words and figure). This amount is inclusive of all taxes including service tax.

2. Our Financial Proposal shall be binding upon us subject to any modifications resulting from contract negotiations, up to the expiration of the validity period of the Proposal, i.e. (Date).
3. This financial proposal covers remuneration for all the Personnel (Expatriate and Resident, in the field, office etc), accommodation, air fare, equipment, printing of documents, surveys, geo-technical investigations etc. The Financial Proposal is without any condition.

4. We undertake that in competing for and, if the award is made to us, in executing the above consultancy services, we will strongly observe the laws against fraud and corruption to force in India namely "Prevention of Corruption Act 1988" We understand that you are not bound to accept any Proposal you receive.

Yours sincerely,

Authorized Signature:

Name and Title of Signatory:

Name of Firm:

Address

APPENDIX-II

Form-2

BREAKUP OF FINANCIAL PROPOSAL

(On Applicant's letter head)

[Location, Date]

FROM: [Name of Consultant]

.....
.....
.....
.....

To

The Chief Executive Officer
Naya Raipur Development Authority
In front of Mahanadi Dwar of Mantralaya,
Raipur 492 001, Chhattisgarh

Dear Sir,

Sub: Selection of Consultant for providing services related to designing and supervising implementation of Smart City including City Surveillance System and Land Management System for Naya Raipur, Chhattisgarh

We attach the breakup of the Financial Proposal as follows:

| Sl. No. | Part of Terms of Reference | Percentage of Total Financial Proposal | Amount in INR |
|----------------|---|---|----------------------|
| 1 | Preparation of final reports of the following: Inception Report, case studies, DPR, legislation and related documents | | |
| 2 | Preparation of RFP, contract documents and assist in bid process management for selection of System Integrator(s) | | |

| | | | |
|---|---|--|--|
| 3 | Supervision of implementation, integration, testing and commissioning of the smart city system up to the roll out of the entire system | | |
| 4 | Supervision of training of NRDA personnel in operation of land management system, supervision of operation of land management system and the entire smart city system | | |
| 5 | Sub Total (Add 1 to 4) | | |
| 6 | Service Tax and cess (At present rate of _____ %) | | |
| 7 | Total Cost including Service Tax and cess | | |

We understand and acknowledge that the above parts of the scope are completely independent from each other and severable.

Yours sincerely,

Authorized Signature:

Name and Title of Signatory:

Name of Firm:

Address