

Naya Raipur Development Authority

In Front of Mahanadi Dwar of Mantralaya Raipur (C.G.)
Tel: 0771- 4066011, Fax: 0771-4066188, Email: ceo@nayarapur.com

No.: 38/432/9-CEE/NRDA/2013

Raipur, dated 22.07.2013

MODIFIED REQUEST FOR PROPOSAL

Selection of Consultant for preparing Detailed Project Report & ICT Master Plan and assist in procurements for designing Naya Raipur as Smart City

1. NRDA had issued Request for Proposal for "**Selection of Consultant for preparing Detailed Project Report & ICT Master Plan and assist in procurements for designing Naya Raipur as Smart City**" ("The "**Project**") vide notice no. **34/432/9-CEE/NRDA/2013**, dated **03.07.2012**.
2. In view of the queries raised and discussion held in the pre-bid meeting, the RFP document has been modified and uploaded the Modified RFP document on the official website of NRDA at www.nayarapur.com as Modified RFP (No. **38/432/9-CEE/NRDA/2013**, Raipur, dated 22.07.2013).
3. The modified RFP, which addresses to the queries received, shall substitute all the earlier version(s) of RFP.
4. **The Bid Due Date (BDD) has been extended upto 12.08.2012 till 16:00 Hrs.**



Chief Executive Officer
Naya Raipur Development Authority
Raipur, Chhattisgarh

Modified Request for Proposal

For

Selection of Consultant for preparing Detailed Project Report & ICT Master Plan and assist in procurements for designing Naya Raipur as Smart City

No.: 38/432/9-CEE/NRDA/2013

Raipur, dated 22.07.2013



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

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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 NRDA (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 Adhinyam, 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 implement a Smart City project comprising design of IT enabled land management system, city surveillance and such other systems like, utility management, and other systems as may be necessary and possible using proven modern and state-of-the-art technologies.

The Smart City concept will include but not limited to the following list of IT enabled systems:

1. Land and Estate management system
2. City surveillance system
3. Utility management system and SCADA
4. Intelligent Transport System
5. All-digital and easy to- find, pay and use parking systems
6. City guide map available through web browser
7. Touch screens around the city
8. City level Wi-Fi
9. Display boards across the city for displaying real time information, including information of different services, including transport services
10. Applications for emergency alert and crisis response systems
11. Electrical charging stations, which may be supplemented by solar power
12. Traffic rerouting applications based on real time traffic data
13. Payments for different user charges through mobiles and other hand-held devices
14. Intelligent lighting systems
15. Intelligent rain water drainage system, fixed with indicators to send alert before the water logging / flood situation, with option for automatic valve opening system
16. Emergency Response system
17. Central Control Centre for monitoring all the services including central traffic control and management system

The objectives of NRDA for this assignment would be as follows:

NRDA intends to implement land and estate management system with the following objectives:

- i. Validation of all land related data at field with GPS coordinates and incorporation of all in a single map, as per land use planning following Naya Raipur Development Plan 2031 as amended from time to time.
- ii. Land management system is expected to be designed in a manner to integrate the data for 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. Online tracking of submission and process of approval of the building plans shall be integrated with the system.
- v. Complete estate management system for all assets of NRDA
- vi. Checking of ownership of land and submission of property tax through website
- vii. Application, processing and approval for utility connection through website, along with payment of user charges
- viii. Online submission of grievances through website
- ix. Online showing status of various applications, grievances and approvals

NRDA expects a Utility Management system (UMS) in place with citizen and other stakeholders interface.

- i. The aim of the UMS will be to facilitate the operating staff to carry out online operation and maintenance of all utilities.
- ii. It will also online monitoring of the intended outputs from each service on day to day basis-this portion supposed to be used by the officers responsible for the provision of services.
- iii. Updated technologies like, SCADA with PLC or such other tools shall be suggested after due analysis by the consultant.
- iv. The system will take care of water supply, sewerage, street lighting, roads and solid waste management initially but not limited to these only.
- v. At the apex level the system will enable officers to assess the performance of each citizen centric basic service and leave instructions for remediating any deficiency. IT cum management tools shall be applied for this purpose.
- vi. A citizen charter shall be suggested fixing performance indicators for each service and will be integrated with the proposed IT enabled system.

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 implement Intelligent Transport System with following objectives:

- i. Automatic signaling system
- ii. Integrated signaling system for the pedestrian and non-motorized transport
- iii. Use of camera for enforcement of traffic rules
- iv. Integration of traffic signal system of the entire city
- v. Integration of ITS for BRTS those are being implemented under SUTP

NRDA intends to integrate SCADA system with following objectives:

- i. Design the integration of SCADA 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

NRDA intends to set up a centralized control center for all of the above services with following objectives:

- i. The centralised Control Centre shall receive real time information from all hardware setup across the city
- ii. The Control centre shall be equipped to process review and analyse the real time information received. It will also collect and manage data, control and monitor systems, and shall ensure prompt response at the time of emergencies
- iii. To forward the information to appropriate authorities, in the events of abnormality/emergencies and for any decision on corrective / preventive actions
- iv. This control centre would be the first point of contact for the citizens of Naya Raipur
- v. Provide single view and control of the entire city to the operator
- vi. It will provide unified channels for easy management for multiple systems

NRDA intends to appoint an expert agency as consultant for designing the above project.

1.2 Request For Proposal

NRDA (the “**Authority**”) request for Proposals (the “**Proposals**”) for selection of a Consultant (the “**Consultant**”) for providing services including but not limited to prepare a Detailed Project Report (DPR) on, preparation of tender documents and bid process management for procurement of System Integrator (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
Proposal Due Date (PDD) and time (i.e. last date and time of receiving Proposals)	12-08-2013 up to 15:00 Hrs.
Opening of Technical Proposals	On Proposal Due Date at 16:00 Hrs or thereafter
Technical Presentation	Shall be intimated later
Opening of Financial Proposals	Shall be intimated later
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

1.10 Pre-Proposal Conference

The date, time and venue of Pre-Proposal Conference shall be indicated in clause 1.8 at Conference Hall, NRDA Office, near DKS Bhawan, Ghadi Chawk, Raipur, Chhattisgarh.

1.11 Communications

1.11.1 All communications including the submission of Proposal should be addressed to:

ATTN. OF: The Chief Executive Officer (CEO)
Naya Raipur Development Authority
Near DKS Bhawan, Ghadi Chawk,
Raipur 492 001, Chhattisgarh

TEL NO: + 91 771 4066011
Fax No.: +91 771 4066188
E-MAIL: ceo@nayaraipur.com with a copy to psc@nayaraipur.com

1.11.2 The **Official Website** of the Authority is: <http://www.nayaraipur.com>

1.11.3 All communications, including the envelopes, should contain the following information, to be marked at the top in bold letters:

“Selection of Consultant for preparing Detailed Project Report & ICT Master Plan and assist in procurements for designing Naya Raipur as Smart City”

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 minimum of the following experience starting from 01.04.2008 till the Proposal Due Date:

Completed project experience of preparing Detailed Project Report or city level ICT master plan for at least two (which may be from 2 separate geographical areas) of the following components for any existing or a new city, having a minimum area of 25 square km. or a minimum population of 5 Lakhs, as per the latest census data (“hereinafter called Eligible Assignments”):

- a) City level IT enabled Surveillance system,
- b) City level Intelligent Transport System
- c) City level SCADA for utility or urban infrastructure projects.
- d) IT enabled Land records management system for an entire city

(Details to be provided in Form 6 of Appendix I)

Note:

- i. Final decision on conformity of the scope of services for the project experiences, submitted as part of Technical Proposal, with respect to the eligibility condition shall be taken by NRDA.
- ii. If a bidding entity could be eligible but could not demonstrate its project experiences in one or more out of the 4 criteria described above, it shall mandatorily have to appoint sub consultant(s) and / or individual expert(s) for specific expertise, after availing approval of NRDA on such sub-consultant, after submitting the objective of such appointment, deliverables, timelines and details project experiences along with qualification and experience of the key personnel / individual expert(s). Such sub-consultants are expected to be eligible under the applicable condition(s) of eligibilities as described above.
- iii. The Consultant shall submit detailed experience of firm(s), which it wishes to appoint as sub-consultant, to NRDA, requesting approval within 30days from the date of issue of Letter of Award to the Selected Consultant. 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.
- iv. If the Selected Consultant requires to appoint sub-consultant, however fails to get the sub-consultant(s) approved by NRDA within 30 days from the date of issue of Letter of Award, or any extension therefrom approved by NRDA, NRDA may cancel the selection and may invite the next ranked bidder for negotiation and may issue LoA.
- v. An assignment which is completed or substantially completed (An assignment where draft design / DPR has been prepared and submitted by the bidder shall be considered as substantially completed) shall be considered for evaluation

- vi. A project experience shall be considered for evaluation only if notarized copy of Certificate of Client along with the Work Order OR Agreement is submitted. The exact scope of services should be submitted as part of Work Order OR Agreement.
- vii. For all Certificates of Client, email, contact no., addresses shall be mentioned for all cases, for the purpose of verification of submitted certificates
- viii. In the event an assignment is substantially completed, certificate of client, certifying the stage of assignment, shall be mandatory, for considering the same for evaluation.
- ix. For the avoidance of doubts, the term “urban infrastructure project” means projects in any urban utilities such as traffic management, water supply, sewer system or municipal solid waste management project using modern techniques as in vogue including SCADA and/or such other IT enabled systems.
- x. For the avoidance of doubts, in case a Consultant has all required capabilities as stated in this RFP, then appointment of sub-consultants is not required.

B. Financial parameters:

- i. The Applicant should have an annual turnover of Rs. 30 Crores from consulting services related to consulting / advisory services for the latest financial year i.e. the financial year ended on 31.03.2013.

Note:

- (i) Information on B (i) should be certified by an Independent Auditor or Chartered Accountant in the Form-9 of Appendix-I.
- (ii) In case of MNCs, the certification may be provided by the Indian or overseas Auditor or Chartered Accountant.

- 2.2.3 Experience 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, failing which the bid will be rejected.
- 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. A self-declaration with regard to the same shall be submitted by the bidders. A proposal, without this particular signed form, as required, shall be rejected.
- 2.2.6 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.
- 2.2.7 **Eligibility:** The Applicants eligible for participating in the bid process shall be a Business Entity or Consortium / Association of firms. The Term Applicant means an individual firm or Consortium as the case may be. 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.

2.2.8 Bidding through Consortium:

- i. Bidding through Consortium shall be allowed. Up to a maximum of 3 business entities can form a consortium for submission of proposal. A Consortium shall have to fulfill the Minimum Technical and Financial Eligibility Criteria using the collective experiences of all member firms of the consortium, subject to fulfillment of the following condition.
- ii. Every member firm of a consortium should have experience in at least one of the projects described under Minimum Technical Eligibility Criteria under Clause No. 2.2.2, except the following instance:
 - a. In the event all of the entities of a consortium are either subsidiary⁴ or parent⁵ firm of the lead member of the bidding entity, one of the member firms or all the firms jointly may fulfill the technical and financial eligibility conditions, which will be an exception to the requirement stated in Clause 2.2.9 (ii).
- iii. The objective of forming consortium should be only for enhancing technical and financial capability and resources, relevant to the eligibility conditions and scope of services. Consortium members shall submit a letter of association, clearly describing the intended role of each of the member firms in the relevant forms.

2.3 Conflict of Interest

The selected consultant shall not receive any remuneration in connection with the assignment except as provided in the Agreement. 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) **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

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.

⁴ The bidding entity should hold more than 50% share in its subsidiary firm which is its consortium member

⁵ Parent firm should hold more than 50% share in the bidding entity which is its consortium member

- 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.
- b) For avoidance of doubt, it is clarified that sale of goods, manufactured by the consultant, by the vendors, shall be allowed, if such vendors are selected as supplier through a competitive bid process
- c) To ensure a fair and proper process, and to avoid any actual or perceived conflict of interest, the following procedure will be followed in the project:
- (i) Any and all recommendations made by the Consultant, whether design documents, requirements documents, or otherwise, will be prepared in a manner which does not deliberately prefer any particular vendor's products/services over the products/services of competing vendors, the intention being that multiple vendors will be capable of bidding to supply products during the System Integration stage
 - (ii) Any recommendations made by the Consultant will be non-binding on NRDA
 - (iii) Post completion of the Consulting stage, NRDA intends to undertake an open industry consultation process on the recommendations made during the Consulting stage, to facilitate industry members raising concerns, if any, with the Consultant;
 - (iv) NRDA may undertake the open industry consultation independently, and the Consultant shall play no role in the industry consultation process (whether advisory, facilitating or otherwise), except only if called upon by NRDA to express opinions as an ordinary member of the industry or to present its report to the industry panel
 - (v) NRDA may, in its sole discretion, appropriately modify the recommendations in the Master plan before commencing the RFP/bidding process for a Master Systems Integrator to bring the best available talent available at that time and also to ensure free and fair competition between potential bidders and product vendors

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: Power of Attorney for Lead Member of Consortium
- Form 6: Eligibility Project Experience
- Form 7: Approach Paper on methodology and work plan for performing the assignment.
- Form 8: Proposed composition of Team and Task(s) of Key Personnel's
- Form 9: CVs of proposed Key Personnel's

Form 10: Financial capacity of the Applicant

Form 11: Format Letter of Association

Appendix – II: Financial Proposal

Form 1: Format of Financial Proposal

Form 2: Break-up 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 preparing Detailed Project Report & ICT Master Plan and assist in procurements assist in procurements for designing Naya Raipur as Smart City"

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 RFP / Addendum/ Amendment through posting it only on the Official Website (www.nayaraipur.com).

2.11.2 All such amendments/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. No bid with conditions by bidder shall be entertained and it shall be rejected.

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 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 authorized 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 based on the documents furnished, 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 certified by the Authorised Signatory.

- 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, and progressing with the work, 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. Any loss incurred by NRDA on account of the above cancellation or termination will be made good from the Applicant or consultant equivalent to the bid amount.

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 authorized 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 but excluding Service Tax, which shall be reimbursed by NRDA at applicable rates. 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, excluding Service Tax and Cess. 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 Applicant shall prepare one original set and one copy of the Technical and Financial Proposals. They shall then be put into four separate envelopes and the envelopes shall be marked Technical Proposal – Original, Technical Proposal – Copy, Financial Proposal – Original and Financial Proposal – Copy and sealed. Then, all the four envelopes shall be put into one outer envelope and the same shall be marked “Technical and Financial Proposals – Original and Copy” and sealed. This outer envelope shall bear the address of the Authority, RFP for Consultancy as indicated at Clause 1.11.1, 1.11.2 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” and “Technical and Financial Proposals – Original and Copy”.

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 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 financial statements, 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 Financial Proposal should be in the prescribed format (Form 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 up to 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 Banks in India in favour of the NRDA, **operable in Raipur, and if invoked, shall be cashable 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

- 2.24.1 The first ranked Applicant (the “**Selected Applicant**” or the “**Preferred Bidder**”) 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.
- 2.24.2 A proposal will be rejected if it fails to submit CVs of required key personnel with required experience with the technical proposal
- 2.24.3 If a firm becomes eligible under eligibility condition of one of the components in the Eligible Assignments, it shall have to propose personnel for the assignment for other components as required.
- 2.24.4 The firm shall ensure that it has the required personnel for handling the assignment through the term of the project.
- 2.24.5 There are personnel, as permitted in this RFP, which a bidder may decide to propose from its sub-consultant. In the event a bidder decides to propose one or more personnel from its sub-consultant, the bidders shall not have to include the CV of such personnel in its Technical Proposal. After receipt of letter of award, within the 30 days, the preferred bidder shall have to propose such personnel along with the letter of association showing sub-consultancy and the CVs of such personnel, in conformity with the minimum qualifications and experiences state in this RFP, requesting approval of NRDA. In the event NRDA rejects such CVs, the preferred bidder shall propose personnel and submit CVs within 30 days of receipt of letter, communicating rejection of one or more CVs. If the bidder fails to propose personnel, acceptable to NRDA, within the stipulated timelines NRDA shall consider the next ranked bidder for selection.
- 2.24.6 The agreement shall be executed only after approval of the CVs of the proposed personnel from sub-consultant(s), if any.

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 2 years from the date of LOA and the Consultant shall have to provide the extended Bank Guarantee, before the expiry of 2 years, 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 30 (Thirty) 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 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 **350 marks** or more out of 500 shall qualify for further consideration, and shall be ranked from highest to the lowest on the basis of their technical score (S_i).

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

Sr. No.	Particulars	Maximum Score
A	Technical Experience:	200
	Completed project experience of preparing Detailed Project Report or city level ICT master plan for at least two (which may be from 2 separate geographical areas) of the following components for any existing or a new city, having a minimum area of 25 square km. or a minimum population of 5 Lakhs, as per the latest census data, starting from 01.04.2008 till the Proposal Due Date	200
	2 relevant project experiences	140
	3 relevant projects experiences	160
	4 or more relevant projects experience	200
B	Experience of the Team proposed for the assignment	250
1	Team Leader Experience in designing and / or implementing e-governance projects OR SCADA system for urban infrastructure projects OR in designing and / or implementing land management system for any municipality, municipal corporation, development authority OR in designing and / or implementing Intelligent Transport System (ITS) for urban transportation	40
	1 relevant project experience	30
	2 relevant projects experiences	35
	3 or more relevant projects experience	40
2	ITS Expert Experience in designing and / or implementing of projects related to ITS	30
	1 relevant project experience	20

Sr. No.	Particulars	Maximum Score
	2 relevant projects experiences	25
	3 or more relevant projects experience	30
3	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.	30
	1 relevant project experience	20
	2 relevant projects experiences	25
	3 or more relevant projects experience	30
4	Expert of designing integrated land / estate management system Experience in designing and / or implementing land management system for any municipality, municipal corporation, development authority	30
	1 relevant project experience	20
	2 relevant projects experiences	25
	3 or more relevant projects experience	30
5	ICT Integration Expert Experience in designing and integration for components like, integrated operation centre for implementing e-governance projects OR SCADA system for urban infrastructure projects OR in designing and / or implementing land management system for any municipality, municipal corporation, development authority OR in designing and / or implementing Intelligent Transport System (ITS)	30
	1 relevant project experience	20
	2 relevant projects experiences	25
	3 or more relevant projects experience	30
6	Communication System Expert Experience in designing communication systems for e-governance / It enabled urban infrastructure projects	30
	1 relevant project experience	20
	2 relevant projects experiences	25
	3 or more relevant projects experience	30

Sr. No.	Particulars	Maximum Score
7	Surveillance Expert Experience in designing IT enabled surveillance system for city level	30
	1 relevant project experience	20
	2 relevant projects experiences	25
	3 or more relevant projects experience	30
8	Procurement Expert Experience in preparing tender documents for procurement of consultant, review of procurement documents for procurement of goods, equipment etc.	20
	1 relevant project experience	10
	2 relevant projects experiences	15
	3 or more relevant projects experience	20
9	Legal Expert Experience in drafting acts / legislations, reviewing RFPs, drafting contracts for service provider, consultants, reviewing contracts for suppliers / vendors for 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	15
	Quality of Methodology	15
	Innovativeness / comments on TOR	5
	Work Program	5
	Proposal presentation by the Consultant	10
	Grand total	500

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 350 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 notarized 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 **350 marks** or more out of 500 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). The highest technical score (S_M) will be given a technical score (S_t) of 100 points. The technical scores of other proposals will be computed as follows:

$$S_t = 100 \times T/S_M$$

(T = Technical score of the applicant after technical evaluation)

3.3 Evaluation of Financial Proposal

- 3.3.1 In the event the Financial Proposal is in form of a currency, other than Indian Rupees, exchange rate existing on the date of Proposal Due Date shall be applicable for converting all Financial Proposals to Indian Rupees.
- 3.3.2 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).
- 3.3.3 For financial evaluation, the total cost indicated in the Financial Proposal will be considered.
- 3.3.4 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 **0.80** and **0.20** 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 Milestone	Percentage of total applicable payment
1	On submission of Inception Report	10 %
2	On submission of first draft of Legislation	5%
3	On approval of Baseline Report	10%
4	On approval of Case Studies	10%
5	On approval of DPR	30%
6	On approval of Legislation	5%
7	On issue of Letter of award to the selected of Master System Integrator(s) (MSI)	25%
8	On issue of Letter of award to the selected Project Supervision & Management Consultant (PSMC)	5%

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 up to the stage of payment as indicated in the Deliverables & Time Frame as per the TOR.

SCHEDULES

Schedule – 1: TERMS OF REFERENCE (TOR)

Phase 1: Preparation of DPR and ICT Master Plan

The Smart City concept is intended to have following components but not limited to the below mentioned IT enabled systems:

1. Land and Estate management system
2. City surveillance system
3. Utility management system and SCADA
4. Intelligent Transport System
5. All-digital and easy to- find, pay and use parking systems
6. City guide map available through web browser
7. Touch screens around the city
8. City level Wi-Fi
9. Display boards across the city for displaying real time information, including information of different services, including transport services
10. Applications for emergency alert and crisis response systems
11. Electrical charging stations, which may be supplemented by solar power
12. Traffic rerouting applications based on real time traffic data
13. Payments for different user charges through mobiles and other hand-held devices
14. Intelligent lighting systems
15. Intelligent rain water drainage system, fixed with indicators to send alert before the water logging / flood situation, with option for automatic valve opening system
16. Emergency Response system
17. Central Control Centre for monitoring all the services including traffic monitoring & control system

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
- e. Centralized Control Centre for monitoring and Control of the systems

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;
 - 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
- vi. Creation of a database of the public infrastructure to protect those from theft

b. **Land and Estate Management System** : The scope shall include:

- i. Integration of all land related data
- ii. Create land management system with both spatial and non-spatial data. The Spatial data indicates the rights and boundaries with respect to the particular survey no. and non-spatial data represents the rights with respect to the survey no. as on the day of survey
- iii. Creation of a database of the public infrastructure
- iv. The scope shall include design of a system, which should be capable of the following:
 - I. Tracking submission and process of approval of the building plans
 - II. Checking of ownership of land and submission of property tax through website
 - III. Application, processing and approval for utility connection through website, along with payment of user charges
 - IV. Online submission of grievances through website
 - V. Online showing status of various applications, grievances and approvals
 - VI. 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 of 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.).
 - VII. 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. NRDA expects design of a Utility Management system (UMS) in place with citizen and other stakeholders interface.

- i. The aim of the UMS will be to facilitate the operating staff to carry out online operation and maintenance of all utilities.
- ii. It will also monitor online the intended outputs from each services on day to day basis
- iii. Updated technologies like, SCADA with PLC or such other tools shall be suggested after due analysis by the consultant.
- iv. The system will take care of water supply, sewerage, street lighting, roads and solid waste management initially but not limited to these only.
- v. At the apex level the system will enable officers to assess the performance of each citizen centric basic service and leave instructions for remediating any deficiency. IT cum management tools shall be applied for this purpose.
- vi. A citizen charter shall be suggested fixing performance indicators for each service and will be integrated with the proposed IT enabled system.

d. Intelligent Transport System (ITS) : The scope shall include design of system with the following components-

- 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. Cameras at signals that detect vehicles crossing 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 (which is being implemented separately under SUTP) with the subject components

e. Integrated remote monitoring (like, SCADA System) for Infrastructure: Design and integration specification to meet following objectives

- 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

f. The design of the components should be such that those can be scaled up in future and also can be integrated with applications of other departments. The Consultant shall ensure availability of necessary data, information; sources shall remain available with NRDA for such purposes in future

NRDA intends to set up a centralized control center for all of the above services with following objectives:

- i. The centralised Control Centre shall receive real time information from all hardware setup across the city
- ii. The Control centre shall be equipped to process review and analyse the real time information received. It will also collect and manage data, control and monitor systems, and shall ensure prompt response at the time of emergencies
- iii. To forward the information to appropriate authorities, in the events of abnormality/emergencies and for any decision on corrective / preventive actions
- iv. This control centre would be the first point of contact for the citizens of Naya Raipur
- v. Provide single view and control of the entire city to the operator
- vi. It will provide unified channels for easy management for multiple systems

Phase II: Preparation of Bid Documents and assist in procurements

Preparation of bid documents and assisting NRDA in the bid process for selecting the successful bidder for implementation of the project.

This task includes the following scope.

1. Planning of the selection process
 - a. Stakeholder consultation and analysis
 - b. Setting up arrangement within the NRDA to manage the process
 - c. Analytical and advisory work required.
2. Involving stakeholders in the design of the arrangement
 - a. Identifying stakeholders.
 - b. Developing an effective strategy for engaging stakeholders
 - c. Organizing meetings, Seminars, Workshop to interact with different groups of stakeholders
 - d. Identifying winners and losers under different options
 - e. Assisting in drafting replies / responses to the Press/Media/RTI
 - f. To developing a consensus of proposal for approval through media interaction
3. Defining upstream policy

- a. Allocating responsibilities among the different levels of NRDA
- b. Determining the appropriate market structure
- c. Establishing rules for competition
4. Defining service standards, tariffs, subsidies and financial arrangements.
 - a. Setting a service goal
 - b. Estimating the cost of service
 - c. Determining the mix of tariffs and subsidies
 - d. Implications for design of the arrangement
 - e. Accessing and structuring finance for investment.
5. Preparation of Contract agreement, implementation schedule, performance measurement mechanism, Liability and Performance Enforcement, Insurance, Disputes Resolution, Penalties and Liquidated Damages, Risk Allocation & Mitigation of Risk.
6. Selecting a Master System Integrator / System Integrator(s)
 - a. Choosing a selection method & developing bid documents covering PQ documents / LOI /RFP / RFQ / CA /Evaluation criteria / Marking.
 - b. Setting up of the selection criteria and for conducting pre – proposal meeting.
 - c. Assisting the Corporation in the bidding process i.e., Evaluation of Technical & financial bids.
 - d. Dealing with other issues relating to the selection of a successful bidder.
7. Selecting a Project management and supervision firm for supervising and monitoring the performance of the Master System Integrator and also for overseeing the specifications worked out by the MSI, procurement process, implementation, testing and commissioning and handholding NRDA during the first 6 months period after commissioning, when the MSI will train NRDA personnel in operating the systems.
 - a. Choosing a selection method & developing bid documents covering PQ documents / LOI /RFP / RFQ / CA /Evaluation criteria / Marking.
 - b. Setting up of the selection criteria and for conducting pre – proposal meeting.
 - c. Assisting the Corporation in the bidding process i.e., Evaluation of Technical & financial bids
 - d. Dealing with other issues relating to the selection of a successful bidder.

f. 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) Base line report:

The Consultant will carry out a survey to confirm the existing situation / capacity of NRDA in terms of availability of hardware, existing data transmission capacity, list of inputs etc. for meeting the objectives of this RFP

(3) Case Studies: The Consultant shall study 3 cities at national / international scope (with at least one international case study), where smart city management system (where at least 2 of the subject components are operational), including ITS and most modern surveillance system with, Utility / urban infrastructure management system, land / estate management system, 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:

- a. Details of the city – Location, Area in Sq. Km, Population, name and contact details of the authority which implemented the system
- b. Components of the surveillance system
- c. Use of IT in the systems
- d. Cost of the systems
- e. Duration of implementation
- f. Objectives and benefits of the system
- g. Tentative project cost
- h. Broad technical specifications of the system
- i. What the systems delivers and their cost of operation

(4) 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 and estate management system

- i. The consultant shall recommend procurement of the latest satellite images and perform Geo-referencing, integration and validation of the Land-use area under the Layer 1 of Naya Raipur Development Plan 2031
 - a. NRDA shall try to provide the scaled drawing of already-built road network of Naya Raipur in AutoCAD format, as per as-built condition
 - b. The consultant shall prepare methodology for extending the geo-referencing up to the plot level from the geo-referenced sectors and superimpose the already planned layouts provided by NRDA in AutoCAD format.
 - c. The Consultant shall propose design a system that is scalable, such that different maps, tools, can be integrated with the system and also to import satellite images, if required by NRDA
 - d. The consultant shall recommend
 - i. superimpose such drawing on the procured satellite image and do the ground truthing (verification of co-ordinates at site level by geo referencing), through which the validated map for layer-1 of Naya Raipur shall be generated
 - ii. Once the roads are correctly geo-referenced the consultant shall prepare Naya Raipur Land use map with geo-referenced sectors and verify & record the changes
 - e. The consultant shall prepare methodology and specification for data base management system for collecting and preserving following data for each and every plot:
 - i. Co-ordinates
 - ii. Land use
 - iii. Ownership and history of change of ownership

- iv. Building plan submission and sanction dates, with the image of approved building plan
 - v. Category for the purpose of computation of property tax
 - vi. Payment history for property tax
 - vii. Payment details of annual lease rental
 - viii. Availability of unban infrastructure, like, connection for water, sewerage etc., status of application requesting connection, submission of connection fee, history of disconnection, payment of application fee, payment history of user charges etc.
- ii. The consultant shall prepare methodology and specification for a website linking to the data base. The website shall be used by NRDA, as well as by the residents of Naya Raipur. Following are the minimum features shall be available to the dwellers of Naya Raipur through the website:
- a. Co-ordinates of one's plot
 - b. Land use
 - c. History of change of ownership of plot / dwelling unit and data related to the mutation of a property
 - d. Property tax details and status of payment. Payment can be done through website. Reminder for payment shall be reminded to the registered users through e-mail and mobile message
 - e. Status of application for approval of building plan for individuals and developers through on line using latest softwares available and if not available, develop such a software at micro level and macro level
 - f. Status of payment of annual lease rental. Payment can be done through website. Reminder for payment shall be reminded to the registered users through e-mail and mobile message
 - g. Availability of unban infrastructure in any plot, like, connection for water, sewerage etc., status of application requesting connection, submission of connection fee, history of disconnection, payment of application fee, payment history of user charges etc.
- iii. The consultant shall prepare requirement of hardware and software for hosting the website and the maintaining the data base, along with the human resource required with their skill sets.
- iv. In addition, the consultant shall assist NRDA in selection of a System Integrator and also selecting a firm for supervising the works of the System Integrator, as was mentioned in the published RFP.

B. NRDA expects design of a Utility Management system (UMS) in place with citizen and other stakeholders interface.

- i. The aim of the UMS will be to facilitate the operating staff to carry out online operation and maintenance of all utilities.
- ii. It will also online monitoring of the intended outputs from each service on day to day basis-this portion supposed to be used by the officers responsible for the provision of services.
- iii. Updated technologies like, SCADA with PLC or such other tools shall be suggested after due analysis by the consultant.
- iv. The system will take care of water supply, sewerage, street lighting, roads and solid waste management initially but not limited to these only.

- v. At the apex level the system will enable officers to assess the performance of each citizen centric basic service and leave instructions for remediating any deficiency. IT cum management tools shall be applied for this purpose.
- vi. A citizen charter shall be suggested fixing performance indicators for each service and will be integrated with the proposed IT enabled system.

C. City surveillance system: NRDA expects design of a 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, equipment to be secured
 - e. Landscape areas to be protected
 - f. Natural resources to be protected, like trees from cutting, soil from excavation, quarrying etc.
 - g. Creation of a database of the public infrastructure to protect those from theft
 - h. Existing capacity of data transmission system
- (ii) Prepare strategy for city wide surveillance in consultation with NRDA
- (iii) Analyze the requirement and applicability of IT enabled equipment
- (iv) Recommend use, number and location of use of equipment 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 equipment 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, fire department and ambulance
- (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 center and the manager

D. Design and integration specification 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.

- i. The SCADA with PLC or other IT enabled system shall be capable of monitoring the quantity of water taken from source and that distributed up to household level.

- ii. All electrical parameters of pumps and equipment shall be monitored remotely and operated by appropriate and authorised staff.
- iii. Reading of water levels in reservoirs to ensure 24/7 distribution shall be integrated by smart metering with remote control facilities.
- iv. Water quality monitoring shall be done and results put on web through a dynamic software.
- v. A mobile system, with vehicle shall ensure quick response time or reaction time in attending leaks or responding to public grievances on line.
- vi. A website shall be created facilitating public grievances in respect of water supply leaks or other complaints, sewerage system related complaints and breaks, street light related complaints on non burning lights, complaints related to non clearing of garbage from places and such other grievances. An auto response system will be examined.

E. Design and integration specification 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

F. Design and integration specification 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

G. Design of 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

H. Design of 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) All necessary surveys are need to be carried out by the Consultant required for preparation of the DPR
 - (ii) Decide the detailed architecture and the requirement of software
 - (iii) Cost analysis and preparation of budget
 - (iv) Recommend application areas for the entire city, along with recommended phasing of implementation
 - (v) Prepare complete technical specifications and Bill of Quantities
 - (vi) Prepare necessary drawings – General Arrangement Drawings, Good for Construction Drawings etc.
 - (vii) Study Naya Raipur Development Plan, all applicable and relevant guidelines, rules, and regulations
 - (viii) Suggest technology options with SWOT analysis of each options, life of equipment, suggested to be installed, location of application of each of those, cost of replacement, capital cost and operation cost; Equipment to be chosen such that they can be integrated and upgraded in future.
 - (ix) Recommend location of centralized control center, in consultation with NRDA.
 - (x) Recommend built-up area required for control center
 - (xi) Prepare design of control center, including General Arrangement Drawings and good for construction drawings
 - (xii) Recommend mode of data communication from devices, installed at different locations in Naya Raipur with the Control Centre
 - (xiii) Recommended most optimal solution supported with detailed analysis along with details of technical and financial parameters
 - (xiv) Separate block cost estimate of individual project components, structures, equipment vehicles, etc., including required barriers, search lights, alarm, communication equipment, etc., along with their specifications for the city surveillance system
 - (xv) Market survey for the identification of the prospective operators / implementing agencies, suppliers of recommended equipment (at least 3 suppliers for each type of equipment).
 - (xvi) Social and Environmental Impact Assessment Study for the recommended solutions, if those would have any Social and Environmental Impact to be submitted in form of a separate chapter in the DPR
 - (xvii) Identifying and listing the requirements of all the statutory clearances/approvals required for setting up the project.
 - (xviii) Submit a comprehensive report and modify the report incorporating the suggestions of NRDA, with the above descriptions
 - (xix) Assist NRDA in documentation for stake holder consultation and also in presentations related to that
- g. 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.
- h. 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
- i.** Preparation and submission of Request for Proposal documents for selection of System Integrator(s), with technical schedules, contracts, draft of replies of pre-proposal queries, bid evaluation report with recommendations, Draft of Letter of Award and related documents
- j.** Preparation and submission of Request for Proposal documents for selection of project supervision and management consultant (PSMC), with technical schedules, contracts, draft of replies of pre-proposal queries, bid evaluation report with recommendations Draft of Letter of Award and related documents

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.

k. 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	1 month from the date of execution of Agreement
2	Submission of draft legislation	3 months from the date of execution of Agreement
3	Submission of Final legislation	1 month after the date of last

S. No.	Description	Duration from the date of execution of Agreement
		set of comments received on the Draft Legislation
4	First submission of Base Line Report	3 months from the date of execution of Agreement
5	Final submission of Base Line Report	1 month after the date of last set of comments received on the Base Line Report
	First submission of Draft DPR and ICT Master Plan for all components	6 months from the date of approval of the Base Line Report
	Final submission of DPR and ICT Master Plan	1 month after the date of last set of comments received on the Draft DPR
	First submission of RFP(s) for procurement of master system Integrator (MSI), 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
7	Final submission of RFP(s) for procurement of master system Integrator, which would comprise of Project Information Memorandum, Instruction to Bidders with bidding formats and draft agreement with technical schedules	2 weeks after the date of last set of comments received on the Draft RFP(s) for procurement of master system Integrator
8	First submission of RFP for procurement of project supervision and management consultant (PSMC) for supervise the works of the MSI, implementation, testing & commissioning activities, checking and certifying bills and for assisting NRDA to achieve the desired quality and timely execution of works	1 month after approval of the Final DPR
9	Final submission of RFP for procurement of project supervision and management consultant (PSMC) for supervise the works of the MSI, implementation, testing & commissioning activities, checking and certifying bills and for assisting NRDA to achieve the desired quality and timely execution of works	2 weeks after the date of last set of comments received on the Draft RFP for procurement of PSMC

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.

I. 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.

m. **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 ordinarily be permitted.

n. **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.

o. **Documents to be provided by NRDA:**

NRDA would put best effort to arrange all data related to the subject components for the components already constructed or the parts which are under construction from the respective Technical Consultants, Project Management Consultants, Contractors and implementing agencies, along with providing copies of Naya Raipur Development Plan 2031, layout, etc. in soft or hard copies. The Consultant shall arrange to collect all such necessary documents.

p. **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.

q. 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) Prepare training and user manuals in Hindi and English
- (ix) Provide theoretical and on-job training to NRDA personnel
- (x) Resubmissions after required modifications, as may be desired by the Consultant / NRDA
- (xi) Submit monthly progress reports every month during its contract period
- (xii) 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 preparing Detailed Project Report & ICT Master Plan and assist in procurements for designing Naya Raipur as Smart City”

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, Chhattisgrah (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) "Consultant" shall mean the entity which will be appointed by means of execution of this agreement for providing the subject consultancy services, in terms of the RFP and the agreement
- h) Authority means Naya Raipur Development Authority, a Special Area Development Authority constituted under the 'CG Nagar Tatha Gram Nivesh Adhinyam, 1973' by Government of Chhattisgarh for development, operation and maintenance of infrastructure of Naya Raipur.
- i) "Effective Date" means the date on which this Agreement comes into force and effect pursuant to Clause 2.1;
- j) "Expatriate Personnel" means such persons who at the time of being so hired had their domicile outside India;
- k) "Government" means the Government of Chhattisgarh
- l) "INR, Re., ` Or Rs." means Indian Rupees;
- m) "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;
- n) "Party" means the Authority or the Consultant, as the case may be, and Parties means both of them;

- o) “Resident Personnel” means such persons who at the time of being so hired had their domicile inside India;
- p) “Services” means the work to be performed by the Consultant pursuant to this Agreement, as described in the Terms of Reference hereto;
- q) “RFP” means the Request for Proposal document in response to which the Consultant’s proposal for providing Services was accepted;
- r) “Terms of Reference ”means the work to be performed by Consultant as mentioned in Annexure-A to this Agreement;
- s) “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

Nothing 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. NRDA may appoint other firm(s) to review the performance of the Consultant and also to review the submissions and reports of the Consultant. The Consultant shall incorporate all such suggestions / changes / modifications, as may be communicated time to time by NRDA or firm(s) appointed by it to review the Consultant’s work and submissions.

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@nayaraipur.com with a c.c. to psc@nayaraipur.com & nrda.electrical@gmail.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 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 Exit clause/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 there 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 The time schedule for the services specified herein is exclusive of the time required for approval by the client at various stages.
- 3.1.4 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.
- 3.1.5 The Proposed personnel shall continue to provide services for entire Project period. No replacement shall be allowed during the entire Agreement period, except in the event of resignation. In the event of resignation, the Consultant shall provide replacement of an equal or higher qualified and experienced personnel. Such CV(s) for replacement shall be submitted to NRDA requesting approval, at least 30 days in advance. In the event, NRDA rejects a CV, the Consultant will submit alternate CV. The Consultant shall ensure that the replacement personnel shall start working with the Project at-least 2 weeks before the date of leaving of the personnel working for the Project.
- 3.1.6 Any event of non-compliance to the above shall attract an one time penalty of 1% of the Consultancy Fee

3.1.7 **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 selected consultant shall not receive any remuneration in connection with the assignment except as provided in the Agreement. 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) **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.

- b) For avoidance of doubt, it is clarified that sale of goods, manufactured by the consultant, by the vendors, shall be allowed, if such vendors are selected as supplier through a competitive bid process
- c) To ensure a fair and proper process, and to avoid any actual or perceived conflict of interest, the following procedure will be followed in the project:
 - (vi) Any and all recommendations made by the Consultant, whether design documents, requirements documents, or otherwise, will be prepared in a manner which does not deliberately prefer any particular vendor's products/services over the products/services of competing vendors, the intention being that multiple vendors will be capable of bidding to supply products during the System Integration stage
 - (vii) Any recommendations made by the Consultant will be non-binding on NRDA
 - (viii) Post completion of the Consulting stage, NRDA intends to undertake an open industry consultation process on the recommendations made during the Consulting stage, to facilitate industry members raising concerns, if any, with the Consultant;
 - (ix) NRDA may undertake the open industry consultation independently, and the Consultant shall play no role in the industry consultation process (whether advisory, facilitating or otherwise), except only if called upon by NRDA to express opinions as an ordinary member of the industry or to present its report to the industry panel
 - (x) NRDA may, in its sole discretion, appropriately modify the recommendations in the Master plan before commencing the RFP/bidding process for a Master Systems Integrator to bring the best available talent available at that time and also to ensure free and fair competition between potential bidders and product vendors

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 or suppression of fact 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, the maximum liability of Consultant to the Authority shall be the maximum amount equivalent to the Agreement Value set forth in this Agreement. The Consultant 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.

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 The copyright of 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.

3.8.3 Nothing in this Agreement affects the intellectual property rights of the parties that are in existence on or before the Effective Date of this Agreement.

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.

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.
- 4.4 In case of a Consortium, the Consultants shall ensure that the Key Personnel from all the partners have confirmed their availability for the project during the project period. Failure of the Consultant to adhere to clause 4, supra, will be treated as violation of the terms of the Agreement leading to termination of the assignment.

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 Milestone	Percentage of total applicable payment
1	On submission of Inception Report	10 %
2	On submission of first draft of Legislation	5%
3	On approval of Baseline Report	10%
4	On approval of Case Studies	10%
5	On approval of DPR	30%
6	On approval of Legislation	5%
7	On issue of Letter of award to the selected of Master System Integrator(s) (MSI)	25%
8	On issue of Letter of award to the selected Project Supervision & Management Consultant (PSMC)	5%

All payments shall be made in Indian Rupees only and shall be released within 30 working days from date of receipt of an invoice, if the invoice is received after the written communication, conveying approval by NRDA for one of the above stages. Such relevant written communication, conveying approval by NRDA should be annexed to an invoice, for considering for payment.

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 2 years from the date of LOA and the Consultant shall have to provide the extended Bank Guarantee, before the expiry of 2 years, 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, due to delays solely attributable to the Consultant, as referred in the Terms of Reference, the Consultant shall be liable to pay penalty unless, on its written request, the delay is condoned by Authority, on the justified and valid grounds. For delay upto four weeks beyond the mile stone, 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 Agreement Value.

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

Signature:

Name:

Address:

Witness 2

Signature:

Name:

Address:

LIST OF ANNEXURE

Annexure A – Terms of Reference

Annexure B – Composition of the Team and Tasks of the Key Personnel

Annexure C - Form of Bank Guarantee for Performance Security.

Annexure D – Form of Bank Guarantee for Proposal Security

Annexure E – Proposed man-months for the Key Personnel

ANNEXURE-A

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	15 years	Graduation: Any discipline of Engineering	<p>Experience in designing and / or implementing e-governance projects OR SCADA system for urban infrastructure projects OR in designing and / or implementing land management system for any municipality, municipal corporation, development authority OR in designing and / or implementing Intelligent Transport System (ITS) for urban transportation</p> <p>AND</p> <p>Experience in costing, writing technical specifications, technical schedules, Bill of Quantities, writing reports etc. for IT enabled services</p> <p>This resource should have knowledge in the latest technology options and equipment, their use, and integration for various IT enabled applications</p>
2	Expert in SCADA system	10 years	Graduation: Any discipline related to IT / Computer Science engineering / Electronics / Computer Application / Electrical Engineering or any discipline in 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. or for any project for traffic management systems
3	Expert in designing integrated land / estate	10 years	Graduation: Any discipline related to IT / Computer Science	Experience in designing and / or implementing land management system for any municipality, municipal corporation, development authority

Sr. no.	Designation	Minimum years of Relevant Experience	Minimum Qualification	Relevant Experience
	management system		engineering / Electronics / Computer Application / Electrical Engineering or any discipline in engineering	
4	ITS Expert	10 years	Graduation: Any discipline of Engineering	Experience in designing and / or implementing Intelligent Transportation System for any municipality, municipal corporation, development authority
5	ICT Integration Expert	10 years	Graduation: Any discipline related to IT / Computer Science / Electronics / Computer Application	Experience in designing and integration for components like, integrated operation centre for implementing e-governance projects OR SCADA system for urban infrastructure projects OR in designing and / or implementing land management system for any municipality, municipal corporation, development authority OR in designing and / or implementing Intelligent Transport System (ITS)
6	Communication System Expert	10 Years	Graduation: Any discipline of IT OR Electrical OR Electronics Post-Graduation: Electronics	Experience in designing communication systems for e-governance / It enabled urban infrastructure projects
7	Surveillance Expert	10 years	Graduation: Engineering in any discipline	Experience in designing IT enabled surveillance system for city level
8	Procurement Expert	10 years	Graduation: Any discipline	Experience in preparing tender documents for procurement of consultant, review of procurement documents for procurement of goods, equipment etc.
9	Legal Expert	10 years	Graduation: Law	Experience in drafting acts / legislations, reviewing RFPs, drafting

Sr. no.	Designation	Minimum years of Relevant Experience	Minimum Qualification	Relevant Experience
				contracts for service provider, consultants, reviewing contracts for suppliers / vendors for equipment etc.

The firm shall ensure that they deploy all the above key personnel as per the Work Plan submitted as per the Technical Proposal document.

Note:

1. A proposal will be rejected if bidder fails to submit CVs of required key personnel with required experience with the technical proposal
2. There are personnel, as permitted above, which a bidder may decide to propose from its sub-consultant. In the event a bidder decides to propose one or more personnel from its sub-consultant, the bidders shall not have to include the CV of such personnel in its Technical Proposal. After receipt of letter of award, within the 30 days, the preferred bidder shall have to propose such personnel along with the letter of association showing sub-consultancy and the CVs of such personnel, in conformity with the minimum qualifications and experiences state above, requesting approval of NRDA. In the event NRDA rejects such CVs, the preferred bidder shall propose personnel and submit CVs within 30 days of receipt of letter, communicating rejection of one or more CVs. If the bidder fails to propose personnel, acceptable to NRDA, within the stipulated timelines NRDA shall consider the next ranked bidder for selection.
3. The agreement shall be executed only after approval of the CVs of the proposed personnel from sub-consultant(s), if any.

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**]⁶ _____ [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.

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 _____

⁶ Shall be equal to the amount stipulated in the Letter of Intent

_____. 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 2 years from the date LOA and shall be extended, before the expiry of 2 years, 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**]⁷ _____ [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.

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.

⁷ Shall be equal to the amount stipulated in the Letter of Intent

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)

Annexure E

Proposed man-months for the Key Personnel

Sr. no.	Designation	Estimated number of man-months
	Key personnel	
1	Team Leader	
2	Expert in SCADA system	
3	Expert in designing integrated land and estate management system	
4	ICT Integration Expert	
5	Communication System Expert	
6	Surveillance Expert	
7	Procurement Expert	
8	Legal Expert	
9	ITS Expert	
	Support Staff	
1		
2		
3		
...		

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: Power of Attorney for Lead Member of Consortium
- Form 6: Eligibility Project Experience
- Form 7: Approach Paper on methodology and work plan for performing the assignment.
- Form 8: Proposed composition of Team and Task(s) of Key Personnel's
- Form 9: CVs of proposed Key Personnel's
- Form 10: Financial capacity of the Applicant
- Form 11: Format Letter of Association

Appendix – II: Financial Proposal

- Form 1: Format of Financial Proposal
- Form 2: Break-up of Financial Proposal

APPENDIX-I
Technical Proposal

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 preparing Detailed Project Report & ICT Master Plan and assist in procurements for designing Naya Raipur as Smart City

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.
 - 23 I/We declare that we and none of the associate firms have been barred by any State / Central Government in India, or any entity controlled by them, from participating in any project, and the bar does not subsist as on the date of Proposal.

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

APPENDIX-I
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. INCOME OF THE LAST THREE YEARS (Financial Year ending on 31.03.2013, 31.03.2012 and 31.03.2011) FROM CONSULTANCY / ADVISORY SERVICES:
8. DETAILS OF CONTACT PERSONS

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

(Signature of Authorized signatory)

Note:

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 preparing Detailed Project Report & ICT Master Plan and assist in procurements for designing Naya Raipur as Smart City”

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 of the firm and address of the registered office) do hereby irrevocably constitute, nominate, appoint and authorise Mr. / Ms (Name), son/daughter/wife of _____ and presently residing at _____, who is [presently employed with us/ the Lead Member of our Consortium and holding the position of _____], as our true and lawful attorney (hereinafter referred to as the "Attorney") to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our Bid for the Development of Knowledge Park in Naya Raipur proposed by NRDA (the "Authority") including but not limited to signing and submission of all applications, Bids and other documents and writings, participate in Bidders' and other conferences and providing information / responses to NRDA, representing us in all matters before NRDA, signing and execution of all contracts including the draft Agreement and undertakings consequent to acceptance of our Bid, and generally dealing with NRDA in all matters in connection with or relating to or arising out of our Bid for the said Project and/or upon award thereof to us and/or till the entering into of the draft PDIA with NRDA.

AND we hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things lawfully done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

IN WITNESS WHEREOF WE, _____, THE ABOVE NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS _____ DAY OF _____, 20**.

For _____

(Signature)

(Name, Title and Address)

Witnesses:

1

2

Accepted
(Signature)

[Notarised]

(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) and when it is so required, the same should be under common seal affixed in accordance with the required procedure.
- Also, wherever required, the Bidder 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 Bidder.
- For a Power of Attorney executed and issued overseas, the document will also have to be legalised by the Indian Embassy and notarised in the jurisdiction where the Power of Attorney is being issued.

Form-5

Power of Attorney for Lead Member of Association

Whereas the Naya Raipur Development Authority, Government of Chhattisgarh (“NRDA”) has invited Bids from qualified firms Selection of Consultant for preparing Detailed Project Report & ICT Master Plan and assist in procurements for designing Naya Raipur as Smart City (“the Project”).

Whereas, _____, _____ and _____ (collectively the “Association”) being Members of the Association are interested in bidding for the Project in accordance with the terms and conditions of the Request for Proposal and other connected documents in respect of the Project, and

Whereas, it is necessary for the Members of the Association to designate one of them as the Lead Member with all necessary power and authority to do for and on behalf of the Association, all acts, deeds and things as may be necessary in connection with the Association’s Bid for the Project and its execution.

NOW THEREFORE KNOW ALL MEN BY THESE PRESENTS

We, _____ having our registered office at _____, M/s. _____, having our registered office at _____, and M/s. _____, having our registered office at _____, [the respective names and addresses of the registered office] (hereinafter collectively referred to as the “Principals”) do hereby irrevocably designate, nominate, constitute, appoint and authorise M/s _____, having its registered office at _____, being one of the Members of the Association, as the Lead Member and true and lawful attorney of the Association (hereinafter referred to as the “Attorney”) and hereby irrevocably authorise the Attorney to carry out all activities for and on behalf of the Association during the Bidding Process, for execution of the agreement and also during the execution of the Project, in accordance with the Letter of Association, in the event the Association is awarded the Contract and also, solely in this regard, to do on behalf of the Association, all or any of such acts, deeds or things as are necessary or required or incidental to the submission of the Bid for the Project, including signing and submission of all applications, Bids and other documents and writings, participate in Bidders’ and other conferences, respond to queries, submit information/ documents, sign and execute contracts and undertakings consequent to acceptance of the Bid of the Association and generally to represent the Association in all its dealings with NRDA, and/ or any other Government Agency or any person, in all matters in connection with or relating to or arising out of the Association’s Bid for the Project and/ or upon award thereof till the validity of the Agreement, entered into with NRDA.

AND hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things lawfully done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us/ Association.

IN WITNESS WHEREOF WE THE PRINCIPALS ABOVE NAMED HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS _____ DAY OF _____ 20**.

For _____
(Name & Title)

For _____
(Name & Title)

For _____
(Name & Title)

Witnesses:

- 1
- 2

(Executants)

(To be executed by all the Members of the Association)

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) and when it is so required, the same should be under common seal affixed in accordance with the required procedure.
- Also, wherever required, the Applicant 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 Applicant.
- For a Power of Attorney executed and issued overseas, the document will also have to be legalised by the Indian Embassy and notarised in the jurisdiction where the Power of Attorney is being issued.

APPENDIX-I
Form-6
ELIGIBLE PROJECT EXPERIENCE
 (Reference invited to Clause 2.2.2)

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

Completed project experience of preparing Detailed Project Report or city level ICT master plan for at least two (which may be from 2 separate geographical areas) of the following components for any existing or a new city, having a minimum area of 25 square km. or a minimum population of 5 Lakhs, as per the latest census data, starting from 01.04.2008 till the Proposal Due Date:

- (i) City level IT enabled Surveillance system,
- (ii) City level Intelligent Transport System
- (iii) City level SCADA for utility or urban infrastructure projects
- (iv) IT enabled Land records management system for an entire city

A: SUMMARY

S. No.	Name of Client	Name and location of project	Population of the city as per latest census data	Land area of Project (Sq. Km.)	Whether Services have been completed	Period of involvement	
						From Date	To Date
1							
2							
3							
...							

(Signature of Authorized signatory)

Note:

Notarized copy of certificate of Client on its letterhead shall be mandatory regarding the area of the city in Square kilometers or population of the city, as may be relevant, or reference from a recognized published data, notarized copy of which should be enclosed herewith, stating the source.

B. DETAILS OF THE PROJECTS INDICATED IN “A” OF FORM-6

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 –

4. Each assignment details shall be provided on separate sheet.
5. 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.
6. Documentary proof, such as certificate from client on its letterhead 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 indelible ink on each page

 (Signature of Authorized signatory)

APPENDIX-I
Form-7
APPROACH PAPER ON METHODOLOGY AND WORK PLAN FOR PERFORMING THE
ASSIGNMENT
(not more than ten pages)

APPENDIX-I

Form-8

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					ITS Expert	
3					Expert in SCADA system	
4					Expert in designing integrated land management system	
5					ICT Integration Expert	
6					Communication System Expert	
					Surveillance Expert	
7					Procurement Expert	
8					Legal Expert	

Name & signature of the authorised signatory

Note:

- (i) The Proposed personnel shall continue to provide services for entire Project period. No replacement shall be allowed during the entire Agreement period, except in the event of resignation. In the event of resignation, the Consultant shall provide replacement of an equal or higher qualified and experienced personnel. Such CV(s) for replacement shall be submitted to NRDA requesting approval, at least 30 days in advance. In the event, NRDA rejects a CV, the Consultant will submit alternate CV. The Consultant shall ensure that the replacement personnel shall start working with the Project at-least 2 weeks before the date of leaving of the personnel working for the Project.
- (ii) Any event of non-compliance to the above shall attract an one time penalty of 1% of the Consultancy Fee

APPENDIX-I

Form-9

CURRICULUM VITAE (CV) OF PROPOSED KEY PERSONNEL

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 M/s. _____ (mention name of firm).
- (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

Certification by the Authorised Signatory:

This is to certify that the above personnel shall be deployed for the subject assignment.

Name & signature of the authorised signatory

Seal 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 certified by the Authorised Signatory.

APPENDIX-I
Form-10
Financial Capacity of the Applicant
 (Refer Clause 2.2.2 (B))

Particulars	Indian Rupees in Crores in FY 2012-13	
	in Figures	In Words
Annual turnover in Indian Rupees from the advisory/consultancy services		

(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

Note:

- a. Use separate pages for each of the member firms for consortium / association
- b. In the event the figures in this form are in form of a currency, other than Indian Rupees, exchange rate existing on the date of 31.03.2013 shall be applicable for conversion to Indian Rupees.
- c. Please use notarized copies of audited financial statements of the relevant year(s)
- d. In the event, the Financial Statements for the financial year ended in March 31, 2013 is not audited before the Proposal Due Date, the unaudited statements shall be submitted, duly signed by the Authorized Signatory, along with copy of audited financial statements for the financial year ended in March 31, 2012,.
- e. The fact that the Financial Statements for the financial year ended in March 31, 2013 is not audited before the Proposal Due Date, shall be certified by statutory auditor or by an Independent Auditor with its Signature, Address, Seal & Membership No.

APPENDIX-I
Form-11
Format of Letter of Association

(To be provided in the letter head of the lead member of the consortium)

[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 preparing Detailed Project Report & ICT Master Plan and assist in procurements for designing Naya Raipur as Smart City”

This Letter of Association is for the purpose of formation of consortium for submission of proposal for Selection of Consultant for preparing Detailed Project Report & ICT Master Plan and assist in procurements for designing Naya Raipur as Smart City bidding. The Consortium shall be

AMONGST

1. {..... } having its registered office at (hereinafter referred to as the “First Part” which expression shall, unless repugnant to the context include its successors and permitted assigns)

AND

2. {..... } having its registered office at (hereinafter referred to as the “Second Part” which expression shall, unless repugnant to the context include its successors and permitted assigns)

AND

3. {.....} having its registered office at (hereinafter referred to as the “Third Part” which expression shall, unless repugnant to the context include its successors and permitted assigns)}*

* The number of Parties will be shown here, as applicable, subject however to a maximum of 3 (three).

The above mentioned parties of the FIRST, SECOND and, THIRD PART are collectively referred to as the “Parties” and each is individually referred to as a “Party”

WHEREAS,

A. _____, established under the _____, represented by its _____ and having its principal offices at _____] (hereinafter referred to as “the Authority” which expression shall, unless repugnant to the context or meaning thereof, include its administrators, successors and assigns) has invited Bids (the “Bids”) by its Request for Proposal dated(the “RFP”) for selection of bidders for “Selection of Consultant for preparing Detailed Project Report & ICT Master Plan and assist in procurements for designing Naya Raipur as Smart City” Project (the “Project”) through public private partnership.

B. Subject to the Clause C below, the Parties are interested in bidding through consortium for the Project and in accordance with the terms and conditions of the RFP document and other bid documents in respect of the Project, and

C. The Parties Agree as follows:

1. **Bidding in form of Association**

It is a necessary condition under the RFP document that the Parties shall enter into a Letter of Association. The Parties do hereby agree to come together for the limited purposes of collectively participating in the Bidding Process for the Project and providing services, if awarded.

The Parties hereby undertake to participate in the Bidding Process only through this Association and not individually and/ or through any other association, constituted for this Project, either directly or indirectly or through any of their Associates.

2. **Role of the Parties**

The Parties hereby undertake to perform the roles and responsibilities as described below:

a) Party of the First Part shall be the Lead member of the Association, shall be the contracting entity in the event the Project is awarded and shall have the power of attorney from all Parties for conducting all business for and on behalf of the Association during the Bidding Process for the limited purposes of Bidding and until the Appointed Date when all the obligations shall become effective;

b) {Party of the Second Part shall be _____ and}

c) {Party of the Third Part shall be _____ }

In the event the Project is awarded, each Party hereby undertakes to perform their respective roles/responsibilities under the Project in their individual and independent capacity for the purpose of execution of the entire work under the Project

3. Joint responsibility

The Parties do hereby undertake to remain responsible for all obligations and liabilities relating to the Project as expressly set forth in Clause 2 above and in accordance with the terms of the RFP document.

4. Representation of the Parties

Each Party represents to the other Parties as of the date of this letter that:

- a. Such Party is duly organised, validly existing and in good standing under the laws of its incorporation and has all requisite power and authority to enter into this Bidding Process;
- b. The execution, delivery and performance by such Party of this Consortium has been authorised by all necessary and appropriate corporate or governmental action and a copy of the extract of the charter documents and board resolution/ power of attorney in favour of the person signing this letter for the delegation of power and authority to execute this Letter of Association on behalf of the members firms of the association is annexed to this Agreement, and will not, to the best of its knowledge:
 - i. require any consent or approval not already obtained;
 - ii. violate any Applicable Law presently in effect and having applicability to it;
 - iii. violate any clearance, permit, concession, grant, license or other governmental authorisation, approval, judgment, order or decree or any mortgage agreement, indenture or any other instrument to which such Party is a party or by which such Party or any of its properties or assets are bound or that is otherwise applicable to such Party; or
 - iv. create or impose any liens, mortgages, pledges, claims, security interests, charges or Encumbrances or obligations to create a lien, charge, pledge, security interest, encumbrances or mortgage in or on the property of such Party, except for encumbrances that would not, individually or in the aggregate, have a material adverse effect on the financial condition or prospects or business of such Party so as to prevent such Party from fulfilling its obligations under this Agreement;
- c. this Letter is the legal and binding obligation of such Party, enforceable in accordance with its terms against it; and
- d. there is no litigation pending or, to the best of such Party's knowledge, threatened to which it or any of its Affiliates is a party that presently affects or which would have a material adverse effect on the financial condition or

prospects or business of such Party in the fulfilment of its obligations under this Agreement.

5. **Termination**

This commitment of Association of this letter shall be effective from the date hereof and shall continue in full force and effect until the completion of services as per the Agreement, in case the Project is awarded to the Association. However, in case the Association does not get selected for award of the Project, the Agreement will stand terminated or upon return of the Bid Security by the Authority to the Bidder, as the case may be.

6. **Miscellaneous**

This Letter of Association shall be governed by laws of {India}. The Parties acknowledge and accept that this Agreement shall not be amended by the Parties without the prior written consent of the Authority.

Yours sincerely,

Authorized Signatures of all member firms:

Names and Titles of Signatories:

Name of Firms:

Addresses:

Notes:

1. It should attach a copy of the extract of the charter documents and documents such as resolution / power of attorney in favour of the person signing this letter of Association for the delegation of power and authority to sign this letter of Association on behalf of the Association.
2. For a letter of Association signed and issued overseas, the document shall be legalized by the Indian Embassy and notarized in the jurisdiction where the Power of Attorney has been executed.

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 preparing Detailed Project Report & ICT Master Plan and assist in procurements for designing Naya Raipur as Smart City”

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 but excluding service tax, which shall be reimbursed by NRDA.

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.
5. We understand that in the event of difference if word and figure of our proposal, the lower amount shall be considered.

Yours sincerely,

Authorized Signature:
Name and Title of Signatory:
Name of Firm:
Address

**APPENDIX-II
Form-2**

COMPONENT WISE 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 preparing Detailed Project Report & ICT Master Plan and assist in procurements for designing Naya Raipur as Smart City"

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 and related documents		
A	Land and Estate Management System		
B	City surveillance system		
C	Intelligent Transport System		
D	Design of integration of SCADA systems		
2a	Preparation of RFP, contract documents and assist in bid process management for selection of System Integrator(s)		
A	Land and Estate Management System		
B	City surveillance system		
C	Intelligent Transport System		
D	Design of integration of SCADA systems		
2b	Preparation of RFP, contract documents and assist in bid process management for selection of PSMC		
3	Preparation and Legislation		

Sl. No.	Part of Terms of Reference	Percentage of Total Financial Proposal	Amount in INR
4	Cost of printing		
5	Cost of travel, boarding, lodging and conveyances		
6	Out of pocket expenses		
7	Overheads		
8	Office set up and expenditure, if any		
9	Any other Miscellaneous expenses		
10	Sub-consultancy		
11	Total Fee excluding Service Tax and cess Sub Total (Add 1 to 11)		
12	Service Tax and cess (At present rate of _____ %)		
	Total Cost including Service Tax and cess (at the present applicable rate)		

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

APPENDIX-II**Form-3****PERSONNEL WISE 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 preparing Detailed Project Report & ICT Master Plan and assist in procurements for designing Naya Raipur as Smart City"

We attach the personnel wise breakup of the Financial Proposal as follows:

Sr. no.	Designation	To be provided by the Bidder or its sub-consultant	Estimated number of man-months for the personnel	Cost of per man-month for the personnel (in Rs.)	Total cost of man-month for the personnel (in Rs.)
	Key personnel				
1	Team Leader				
2	ITS Expert				
3	Expert in SCADA system				
4	Expert in designing integrated land management system				
5	ICT Integration Expert				
6	Communication System Expert				
7	Surveillance Expert				
8	Procurement Expert				
9	Legal Expert				
	Support Staff				
1					

Sr. no.	Designation	To be provided by the Bidder or its sub-consultant	Estimated number of man-months for the personnel	Cost of per man-month for the personnel (in Rs.)	Total cost of man-month for the personnel (in Rs.)
2					
3					
...					

Yours sincerely,

Authorized Signature:

Name and Title of Signatory:

Name of Firm:

Address