



## **REQUEST FOR PROPOSAL**

For

**Selection of Project Management Consultant  
(PMC) for Assisting Amaravati Smart &  
Sustainable City Corporation Limited to Design,  
Develop, Manage and Implement Smart City  
Projects under Smart City Mission (SCM) in  
Amaravati City of Andhra Pradesh**

NIT No. : 03/ASSCCL/2018 Dt: .04.2018

**Amaravati Smart & Sustainable City  
Corporation Limited**  
**Amaravati, Andhra Pradesh, INDIA**

O/O ANDHRA PRADESH CAPITAL REGION DEVELOPMENT AUTHORITY,  
LENIN CENTER, GOVERNERPET,  
VIJAYAWADA, ANDHRA PRADESH, INDIA - 520002

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## DISCLAIMER

The information contained in this Request for Proposal document ("RFP") or any other information subsequently provided to Bidders, whether verbally or in documentary or any other form by or on behalf of the Client or any of its employees or advisers, is provided to the Bidders 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 Client to the prospective Bidders or any other person. The purpose of this RFP is to provide interested Bidders with information that may be useful to them in the formulation of their Proposals pursuant to the RFP. This RFP includes statements, which reflect various assumptions and assessments arrived at by the Client in relation to the Services. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This RFP may not be appropriate for all persons, and it is not possible for the Client, 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 Bidder should, therefore, conduct their 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 Bidders 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 Client accepts no responsibility

for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.

The Client, its employees and advisers make no representation or warranty and shall have no liability to any person including any Bidder 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 anyway in this selection process.

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

The Client 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 Client is bound to select a Bidder or to appoint the selected Consultant, as the case maybe, to provide the Services and the Client reserves the right to reject all or any of the Proposals without assigning any reasons whatsoever.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Proposal including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the Client or any other costs incurred in connection with or relating to its Proposal. All such costs and expenses will remain with the Bidder and the Client shall not be liable in any manner what so ever for the same or for any other costs or other

expenses incurred by a bidder in preparation or submission of the proposal, regardless of the conduct or outcome of the selection process.

**Section 1. Instructions to Bidders (ITB) and Data Sheet****A. General Provisions****1. Definitions**

- (a) “Additional Resource” means any professional and support staff, in addition to the Key Experts, who may be engaged by the Consultant to provide the Services.
- (b) “Affiliate” means, in relation to a Bidder, a person who controls or is controlled by such Bidder, or a person who is under the common control of the same person who controls such Bidder.
- (c) “Applicable Law” 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.
- (d) “Area Based Development Project” shall have the meaning ascribed to it in Clause 2.
- (e) “Bidder” means any person that submits a Proposal pursuant to this RFP.
- (f) *Deleted*
- (g) *Deleted*
- (h) *Deleted*
- (i) “CBUD” means Capacity Building for Urban Development.
- (j) “CEO” means the Chief Executive Officer of the Client.
- (k) “Clause” means a clause of the ITB.
- (l) “Client” means Amaravati Smart & Sustainable City Corporation Limited (ASSCCL), the implementing agency that will sign the Contract for the Services with the selected Bidder.
- (m) “Companies Act” means the (Indian) Companies Act, 1956 or the (Indian)



Companies Act, 2013 with amendments up to date as applicable.

- (n) “Consultant” means the successful Bidder selected by the Client in accordance with this RFP to enter into the Contract to provide the Services.
- (o) “Contract” means the legally binding written agreement to be executed between the Client and the selected Consultant. A draft of the Contract is set out in Section 7 and includes all the documents listed in clause 1 of the draft Contract (i.e., the General Conditions of Contract (GCC), the Special Conditions of Contract (SCC), and the Appendices).
- (p) “Control” in relation to a Person, means: (i) the ownership, directly or indirectly, of more than 50% of the voting shares of such Person; or (ii) the power, directly or indirectly, to direct or influence the management and policies of such Person by operation of law, contract or otherwise. The term “Controls” and “Controlled” shall be construed accordingly.
- (q) “Data Sheet” means the data sheet set out in Section 1 with specific details and information to supplement (and not override) the general provisions set out in Part A of the ITB.
- (r) “Day” means a calendar day.
- (s) “Eligible Assignment” means any project falling under the sub-criteria mentioned in Clause 27 of the Technical Eligibility.
- (t) “Eligibility Criteria” means, collectively, the financial eligibility criteria and the technical eligibility criteria specified in the Data Sheet, which a Bidder is required to satisfy to be qualified as an eligible Bidder for award of the Contract.

- (u) “EMD” shall have the meaning ascribed to it in Clause 19.
- (v) “Expert Pool” means the team of Key Experts proposed to be engaged by a Bidder, if selected as the Consultant, to perform the Services, which at a minimum must include such number of Key Experts as mentioned in Appendix B.
- (w) “Financial Proposal” means the financial proposal of the Bidder comprising the documents set out in Clause 18.
- (x) “GoAP” means the Government of Andhra Pradesh.
- (y) “GoI” means the Government of India.
- (z) “Key Expert” means an individual proposed to be engaged by a Bidder, if selected as the Consultant, as a part of the Expert Pool, who must have the minimum qualification and experience as specified in the document. As the experience, knowledge, skill and qualification of each Key Expert is critical to the performance of the Services, the curriculum vitae (CVs) of each Key Expert submitted by a Bidder as a part of its Proposal, will be taken into account in the evaluation of the Technical Proposals.
- (aa) “ITB” mean the Instructions to Bidders set out in Section 1 of the RFP that provides the Bidders with all the information needed to prepare their Proposals.
- (bb) “MD” means Managing Director of the Client.
- (cc) “MoUD” means the Ministry of Urban Development, GoI (or) MoH&UA (Ministry of Housing and Urban Affairs)
- (dd) “Module” means a component of the Area based Development Project/Sub Project/Pan City Project/Sub Project in relation to which the consultant is required to provide the services.

- (ee) “Person” means any individual, company, corporation, firm, and partnership, trust, sole proprietor, limited liability partnership, co-operative society, Government Company or any other legal entity.
- (ff) “Personnel” means, collectively, Key Experts, Additional Resource Pool and any other personnel proposed to be engaged by a Bidder, if selected as the Consultant, to provide the Services.
- (gg) “PMC Office” shall have the meaning ascribed to it in the Terms of Reference.
- (hh) “Performance Security” shall have the meaning ascribed to it in Clause 24.
- (ii) “Proposal” means the submissions made by a Bidder pursuant to the RFP, which will include the Qualification Documents, Technical Proposal and the Financial Proposal.
- (jj) “Proposal Due Date” means the last date for submission of the Proposals, as specified in the Data Sheet.
- (kk) “Qualification Documents” means the documents submitted by the Bidder to demonstrate its eligibility in accordance with Clause 17.
- (ll) “Resource Pool” means the pool of Additional Resources who may be engaged by the Consultant to provide the Services(In addition to the Expert Pool) as mentioned in Appendix B
- (mm)“RFP” means this, request for proposal dated along with its schedules, annexures and appendices and includes any subsequent amendment issued by the Client.
- (nn) “Services” means the work to be performed by the Consultant pursuant to the Contract, as described in greater detail in the TOR and the Smart City Proposals.

- (oo) “Smart City Proposals” and “Smart City Projects” means the list of projects to be developed in Amaravati, as mentioned in Schedule-I, along with stage 1 and stage 2 proposals submitted by GoAP to MoUD for the selection of Amaravati as a smart city under the third phase of the Smart Cities Mission launched by the MoUD, which are appended in Schedule-II (or) any other Projects/Sub-projects that may be included based on the current/future requirements.
- (pp) “Technical Proposal” means the technical proposal of the Bidder comprising the documents set out in Clause 17.
- (qq) “TOR or Terms of Reference” means the terms of reference set out in Section 6 of the RFP that explain the objectives, scope of work, activities, tasks to be performed, respective role and responsibilities of the Client and the Consultant, and expected results and deliverables of the Smart city Project.

## 2. Introduction

- 2.1 The city of Amaravati has been selected to be developed into a smart city under the Smart Cities Mission launched by the MoUD. Amaravati Smart & Sustainable City Corporation Limited (Client), Special Purpose Vehicle is incorporated exclusively to implement the Smart Cities Mission in Amaravati in accordance with the Smart City Proposals. The Smart City Proposals include the Area Based Development proposals and Pan city based proposals as mentioned in Schedule-I and Schedule-II in this RFP. The client now intends to select a Consultant to conceptualize structure, design, tender out and assist the Client in implementing the Area Based Development Projects as well as the Pan city based projects, as described in greater detail in the TOR and the Smart Cities Proposals., in accordance with the method of selection specified in the Data Sheet. In providing the Services, the consultant is required to comply with the provisions of the RFP and the Smart City guidelines issued by the MoUD/MoH&UA.
- 2.2 The Contract (appended to the RFP at Section 7), which will be signed between the Client and the Consultant is for an initial term of 3 years, which can be extended by another 2 years on a yearly basis in case the project requires. Since the payment is on project basis, no extra payment for extension of the term will be applicable. The payment will be linked to completion of project/deliverables as per the agreed terms of the RFP/contract.
- 2.3 The Client has adopted a single-stage bid process for selection of the Consultant. Bidders who are eligible are invited to submit their Proposals for providing the Services, which will consist of three parts: (a) Qualification Documents; (b) Technical Proposal; and (c) Financial Proposal, each in the formats specified in Section 2 and 3.

- 2.4 The evaluation of the Proposals will be carried out in three sub-stages:
- (a) The first sub-stage will involve qualification of the Bidders based on evaluation of their Qualification Documents to determine compliance with the Eligibility Criteria. Only those Bidders who are found to meet the Eligibility Criteria will be qualified for the next sub-stage.
  - (b) In the second sub-stage, the Technical Proposals of the eligible and qualified Bidders will be evaluated to determine compliance with the requirements of this RFP, including the TOR and the Smart City Proposals. Only those Bidders who score at least the minimum qualifying technical score, as specified in the Data Sheet, on their Technical Proposals will be eligible for evaluation of their Financial Proposals in the third and final sub-stage.
  - (c) In the third and final sub-stage, the Financial Proposals of the eligible and qualified Bidders whose Technical Proposals have received at least the minimum qualifying technical score will be evaluated and scored in accordance with the formula specified in the Data Sheet. The Proposals of the qualified Bidders will be finally ranked on the basis of their combined weighted technical score and financial score, with 70% weightage being assigned to the Technical Proposal and 30% weightage to the Financial Proposal.
  - (d) The first ranking Bidder (bidder with the highest combined score as above) will be invited to participate in negotiations with the Client in accordance with Clause 31. Thereafter, upon completion of the negotiations, the Client will issue a letter of award to the first ranking Bidder, declaring the first ranking Bidder to be the selected Consultant. Following receipt of the letter of award, the Bidder will furnish the Performance Security in accordance with Clause 24, fulfill any other conditions specified

in the letter of award and execute the Contract with the Client.

- (e) The Bidders should familiarize themselves with the local conditions and take them into account in preparing their Proposals. Bidders may attend the pre-bid meeting, which will be held on the date specified in the Data Sheet, during which the bidders will be free to seek clarifications and make suggestions to the Client on the scope of the Services or otherwise in connection with the RFP. Attending any such pre-bid meeting is optional and is at the Bidders' expense.
- (f) The statements and explanations contained in the RFP are intended to provide the Bidders with an understanding of the scope of the Services. Such statements and explanations should not be construed or interpreted as limiting in any way or manner: (i) the scope of the rights and obligations of the Consultant, as set out in the Contract; or (ii) the Client's right to alter, amend, change, supplement or clarify the rights and obligations of the Consultant or the scope of the Services or the terms of the Contract.

Consequently, any omissions, conflicts or contradictions in the RFP are to be noted, interpreted and applied appropriately to give effect to this intent. The Client will not entertain any claims on account of such omissions, conflicts or contradictions.

- (g) The Client will endeavor to provide to the Bidders, in a timely manner and at no additional cost, the inputs, relevant project data, responses to queries and reports required for the preparation of the Proposals as specified in the Data Sheet.
- (h) The Client will endeavor to adhere to the timelines set out in the Data Sheet for carrying out the bid process and award of the Contract.

(i) It will be assumed that Bidders will have accounted for all relevant factors, including technical data, and applicable laws and regulations while submitting the Proposals.

**3. Conflict of Interest**

3.1 The Bidder is required to provide professional, objective, and impartial advice, at all times holding the Client's interest paramount, strictly avoiding conflicts with other assignments or its own corporate interests, and acting without any consideration for future work

3.2 The bidder has an obligation to disclose to the Client any situation of actual or potential conflict that impacts its capacity to serve the best interest of its Client. Failure to disclose such situations may lead to the disqualification of the bidder or the termination of its Contract and/or sanctions by the Bank.

3.3 Without limiting the generality of the foregoing, a Bidder shall be deemed to have a conflict of interest and shall not be hired as the Consultant under the circumstances set forth below:

**a. Conflicting relationships**

Relationship with the Client's staff: a bidder (including its Experts and Sub-consultants) that has a close business or family relationship with a professional staff of the Borrower (or of the Client, or of implementing agency, or of a recipient of a part of the Bank's financing) who are directly or indirectly involved in any part of (i) the preparation of the Terms of Reference for the assignment, (ii) the selection process for the Contract, or (iii) the supervision of the Contract, may not be awarded a Contract, unless the conflict stemming from this relationship has been resolved in a manner acceptable to the Bank throughout the selection process and the execution of the Contract.



**4. Unfair  
Competitive  
Advantage**

Fairness and transparency in the selection process require that the bidder or their Affiliates competing for a specific assignment do not derive a competitive advantage from having provided consulting services related to the assignment in question. To that end, the Client shall indicate in the Data Sheet and make available together with this RFP all information that would in that respect give the bidder any unfair competitive advantage over competing Consultants.

**5. Corrupt and  
Fraudulent  
Practices**

- 5.1 The Bidder (including its officers, employees, agents and advisors), its Personnel and Affiliates shall observe the highest standards of ethics during the bid process. Notwithstanding anything to the contrary in this RFP, the Client shall reject a proposal without being liable in any manner whatsoever to the Bidder if it determines that the Bidder has directly or indirectly through an agent engaged in any corrupt practice, fraudulent practice, coercive practice, collusive practice, undesirable practice or restrictive practice, as defined in Section 5.
- 5.2 To this end, the Bidder shall permit and shall cause its agents and Personnel to permit the Client to inspect all accounts, records, and other documents relating to the submission of the Proposal and in case of the Consultant, the performance of the Contract and to have them audited by auditors appointed by the Client.

**6. Eligibility**

- 6.1 A company incorporated under the Companies Act or an equivalent law outside India or a firm or limited liability partnership registered in India or in any other jurisdiction, which meets the Eligibility Criteria shall be eligible to submit a Proposal. However, the bidder must have a valid Goods and service tax (GST) registration in India.

- 6.2 A bidder can be in a form of combination of firms in the form of a Joint Venture (JV)/ Consortium. In case of a JV/ consortium, the maximum number of members can be 3. The Lead member in the JV/consortium shall have minimum of 51% stake. A firm is allowed to use affiliate experience as defined in this RFP (Definitions at (b) & (p)). No firm can be part of more than one (01) bidding entity.
- 6.3 Furthermore, it is the Bidder's responsibility to ensure that it's Personnel, agents (declared or not), service providers, suppliers and/or their employees meet the eligibility requirements specified in the RFP.
7. **Acknowledge - ment by Bidder**
- 7.1 It shall be deemed that by submitting the Proposal, the Bidder has:
- (i) made a complete and careful examination of the RFP and any other information provided by the Client under this RFP;
  - (ii) accepted the risk of inadequacy, error or mistake in the information provided in the RFP or furnished by or on behalf of the Client;
  - (iii) satisfied itself about all things, matters and information, necessary and required for submitting an informed Proposal, and performing the Services in accordance with the Contract and this RFP.
  - (iv) acknowledged and agreed that inadequacy, lack of completeness or incorrectness of information provided in the RFP or ignorance of any matter in relation to the Smart City Proposals / Projects shall not be a basis for any claim for compensation, damages, extension of time for performance of its obligations or loss of profits or revenue

from the Client, or a ground for termination of the Contract; and

- (v) agreed to be bound by the undertakings provided by it under and in terms of this RFP and the Contract.

## 8. **Rights of the Client**

8.1 The Client, in its sole discretion and without incurring any obligation or liability, reserves the right, at any time, to:

- (i) suspend the bid process and/or amend and/or supplement the bid process or modify the dates or other terms and conditions relating thereto prior to the issuance of the letter of award to the Consultant;
- (ii) consult with any Bidder in order to receive clarification or further information;
- (iii) retain any information, documents and/or evidence submitted to the Client by and/or on behalf of any Bidder;
- (iv) independently verify, disqualify, reject and/or accept any and all documents, information and/or evidence submitted by or on behalf of any Bidder, provided that any such verification or lack of such verification by the Client shall not relieve the Bidder of its obligations or liabilities, or affect any of the rights of the Client;
- (v) reject a Proposal, if: (A) at any time, a material misrepresentation is made or uncovered; or (B) the Bidder in question does not provide, within the time specified by the Client, the supplemental information sought by the Client for evaluation of the Proposal.
- (vi) accept or reject a Proposal, annul the bid process and reject all Proposals, at any time prior to the issuance of the letter of award to the Consultant, without any liability or any obligation for such acceptance, rejection or annulment and without assigning any reasons whatsoever to any Bidder.

- 8.2 If the Client exercises its right under this RFP to reject a Proposal and consequently, the first/highest ranked Bidder gets disqualified or rejected, then the Client reserves the right to:
- (i) invite the next ranked Bidder to negotiate the Contract, except in the case where the rejection is for the reason mentioned in the clause 8.1 (vi); or
  - (ii) take any such measure as may be deemed fit in the sole discretion of the Client, including inviting fresh Proposals from the qualified Bidders or annulling the entire bid process.

**B. Preparation of Proposals**

9. **General Considerations** In preparing the Proposal, the Bidder is expected to examine the RFP in detail. The RFP must be read as a whole. If any Bidder finds any ambiguity or lack of clarity in the RFP, the Bidder must inform the Client at the earliest to seek clarity on the interpretation of the RFP. Material deficiencies in providing the information requested in the RFP may result in rejection of the Proposal.
10. **Cost of Preparation of Proposal** The Bidder shall bear all costs associated with the preparation and submission of its Proposal, and the Client shall not be responsible or liable for those costs, regardless of the conduct or outcome of the selection process. The Client is not bound to accept any Proposal, and reserves the right to annul the selection process at any time prior to award of the Contract, without assigning any reason and without incurring any liability to the Bidder.
11. **Language** The Proposal, as well as all correspondence and documents relating to the Proposal exchanged between the Bidder and the Client shall be written in the language(s) specified in the Data Sheet

- 12. Documents Comprising the Proposal**
- (a) The Proposal shall consist of 3 parts: (a) Qualification Documents; (b) the Technical Proposal; and (c) the Financial Proposal. Each part will comprise the documents and forms listed in Clauses 17 and 18.
  - (b) The Bidder shall furnish information on commissions, gratuities, and fees, if any, paid or to be paid to agents or any other party relating to this Proposal and, if awarded, Contract execution, as requested in the Financial Proposal submission form (Form FIN-1).
- 13. Only One Proposal**
- (a) The Bidder shall submit only one Proposal. If a Bidder submits or participates in more than one Proposal, all such Proposals shall be disqualified and rejected. Further, a Bidder's proposed Key Experts and Additional Resource Pool are also precluded from participating in more than one Proposal.
- 14. Proposal Validity**
- (a) Each Proposal must remain valid for the period specified in the Data Sheet.
  - (b) During the Proposal validity period (as specified in the Data Sheet), the Bidder shall maintain its original Proposal without any change, including in the Expert Pool & Financial Proposal.
  - (c) If it is established that any Key Expert or Additional Resource Pool nominated in the Bidder's Proposal was not available at the time of Proposal submission or was included in the Proposal without his/her confirmation, such Proposal shall be rejected and may be subject to sanctions specified in Section 5 for corrupt and fraudulent practices.
- Extension of Validity Period**
- (d) The Client will make its best effort to complete the bid process and select the Consultant within the Proposal's validity period specified in the Data Sheet. However, should the need arise, the Client may request, in writing, all Bidders who

submitted Proposals prior to the Proposal Due Date to extend the Proposals' validity.

- (e) If the Bidder agrees to extend the validity of its Proposal, it shall be done without any change in the original Proposal and with the confirmation of the continued availability of the Additional Resource Pool or Key Experts.
- (f) The Bidder has the right to refuse to extend the validity of its Proposal in which case such Proposal will not be further evaluated, and the EMD of such Bidder will be returned in the manner set out in this RFP.
- (g) In the event a Bidder agrees to extend the validity of its Proposal, the validity of the EMD submitted by such Bidder along with the Proposal (where the EMD is submitted in the form of a bank guarantee) will also be extended for an equivalent period.

**Expert Pool and  
Substitution of  
Key Experts  
and Additional  
Resource Pool  
at Validity  
Extension**

- (h) The Consultant must provide the required Key Personnel to execute the work as per the agreed terms and conditions.
- (i) If the validity of the Proposal is extended and if any of the Key Experts or members from Additional Resource Pool become unavailable for the extended validity period, the Bidder shall Satisfactory to the Client together with a substitution request. In such case, the replacement Key Expert or Additional Resource shall have equal or better qualifications and experience than those of the originally proposed Key Expert or Additional Resource. If a Key Expert or Additional Resource is replaced by the Bidder prior to the Evaluation of its Technical Proposal, the technical evaluation and score will be based on the credentials of the new/replacement Key Expert or Additional Resource.

- (j) If the Bidder fails to provide a replacement Key Expert or Additional Resource with equal or better qualifications or if the reasons provided for the replacement of a Key Expert or Additional Resource are unacceptable to the Client, such Proposal will be rejected by the Client.
- (k) The replacement of any Key Expert or Additional Resource during the term of the Contract is permitted with the consent of the Client.
- (l) The Consultant shall not sub-contract any part or whole of the Services, except for services such as soil testing, special tests, survey or other similar services, only with prior approval of client.
- (a) The Bidder may request a clarification of any part of the RFP prior to the last date for

**Sub-Contracting**

**Clarification and Amendment of the RFP**

submission of queries, as indicated in the Data Sheet. Any queries or requests for additional information in relation to the RFP should be submitted in writing or by fax or email. The envelope or communication must clearly bear The following subject line – "Selection of Project Management Consultant (PMC) for Amaravati Smart City Corporation Limited: Queries or Request for Additional Information" and sent to the address/number/e-mail address indicated in the Data Sheet.

The Client shall make reasonable efforts to respond to the queries or request for clarifications on or before the date specified in the Data Sheet. The Client's responses to Bidder queries (including an explanation of the query but without identifying its source) will be made available to all Bidders and shall be uploaded on the Client's website. It shall be the Bidder's responsibility to check the Client's website for



the responses to the queries or requests for clarification. The Client may, but shall not be obliged to communicate with the bidders by email, notice or other means it may deem fit about the issuance of clarifications. The client reserves the right not to respond to any query or provide any clarification, in its sole discretion, and nothing in this RFP shall be taken to be or read as compelling or requiring the Client to respond to any query or to provide any clarification. Should the Client deem it necessary to amend the RFP as a result of a clarification, it shall do so following the procedure described below:

- (a) At any time before the Proposal Due Date, the Client may amend the RFP by issuing an amendment. The amendments shall be uploaded on the Client's website and will be binding on the Client and the Bidders. The Bidders shall update themselves by visiting the Client's website regularly and the Client bears no responsibility for any Bidder's failure to do.
- (b) If the amendment is substantial, the Client may extend the Proposal Due Date to give the Bidders reasonable time to take an amendment into account in their Proposals.
- (c) Verbal clarifications and information given by the Client or any other Person for or on its behalf shall not in any way or manner be binding on the Client.

- (b) The Bidder may substitute, modify or withdraw its Proposal at any time prior to the Proposal Due Date. No Proposal shall be substituted, withdrawn or modified after the time specified in the Data Sheet on the Proposal Due Date.

**16. Preparation of Proposals – Specific Considerations**

While preparing the Proposal, the Bidder must specifically consider the time input to the Key Experts or Additional Resource Pool for each of the projects individually (expressed in man-month).

**17. Qualification**

(a). The Qualification Documents and Technical Proposal are un-priced proposal and shall not include any financial information. A Qualification document and Technical Proposal containing material financial information shall be declared non-responsive.

**Technical Proposal Format and Content**

(b) The Qualification Documents submitted by a Bidder shall comprise the following:

- (i) The Qualification Documents Proposal Submission Form in the form attached at Appendix 1;
- (ii) Details of the Bidder in form set out at Appendix 2;
- (iii) The bid document processing fee in the form of a demand draft drawn in favour of the Client;
- (iv) The EMD: If the Bidder is submitting the EMD in the form of a bank guarantee, it must be in the format set out at Appendix 3
- (v) A power of attorney for signing the Proposal in the format set out in Appendix 4;
- (vi) Financial qualification of the Bidder in the format set out in Appendix 5 along with copies of duly audited financial statements for the financial years being considered for the purposes of evaluation of the Bidder's financial capacity;
- (vii) Technical qualification of the Bidder In the format set out in Appendix 6 along with supporting certificates from clients Affidavit certifying that the bidder is not Blacklisted in the format set out in Appendix 7.

- (viii) Copy of Goods and service tax registration in India; and
  - (ix) Duly certified copy of the Bidder's certificate of incorporation/certificate of registration issued under its applicable laws.
- (c) The Technical Proposal submitted by a Bidder shall comprise the following:
- (i) Comments and suggestions on the TOR and facilities to be provided by the Consultant in the format set out in Form TECH-1;
  - (ii) Description of approach, methodology, and work plan in the format set out in Form TECH-2;
  - (iii) Work schedule for Deliverables in the format set out in Form TECH-3;
  - (iv) Team composition and Key Experts'/Additional Resources' inputs and curriculum vitae of Key Experts Pool and Additional Resources Pool in the format set out in Form TECH-4; and
  - (v) If applicable, undertaking from the Key Experts & Additional Resources in the format set out in Form TECH-5.

**18. Financial Proposal**

The financial proposal submitted by the bidder shall include the sum total of all the lumpsum amounts for each of the projects mentioned in Schedule-I to be delivered by the PMC. The total amount quoted by the bidder in INR will be the financial proposal value/bid parameter for evaluation. In case of difference between the figure under total amount and the actual total of all the lumpsum amounts calculated during evaluation and if such bid is found to be the winning bid, then the figure quoted under the total amount will be taken as final for the purpose of evaluation and the difference shall be adjusted proportionately in the individual lumpsum quotes of all sub-projects.

The bidder also needs to fill-in details for each project as below:

- Project-wise details of the quote, which will include key persons required, man-months and monthly rates for each of the Key Experts/Additional Resources identified. The details should reflect the break-up used to arrive at the project level lumpsum amount.

**Taxes**

- (a) The Consultant and its Personnel are responsible for meeting all tax liabilities arising out of the Contract. Information on taxes in the Client's country are provided in the Data Sheet. The financial quote by the bidder will be exclusive of GST, as applicable.

**Currency of Proposal**

- (b) The Bidder shall submit its Financial Proposal in Indian Rupees.

**Currency of Payment**

- (c) Payments under the Contract shall be made in Indian Rupees.

## 19. **Earnest Money Deposit**

- (a) An Earnest Money Deposit (EMD) amount as indicated in the Data Sheet in the form of a demand draft or irrevocable, unconditional and on-demand bank guarantee drawn in favour of the Client and payable at Vijayawada must be submitted along with the Proposal.
- (b) Proposals not accompanied by EMD shall be rejected as non-responsive.
- (c) The EMD submitted along with the Proposal will remain valid till the validity of the Proposal, including any extensions thereof.
- (d) No interest shall be payable by the Client for the sum deposited as EMD.
- (e) Unless forfeited in accordance with Clause 20 below, the EMD of the unsuccessful Bidders will be returned within 1 month of signing of the Contract with the Consultant. The EMD of the Bidder (i.e., the Consultant) will be returned upon the selected bidder furnishing the Performance Security in accordance with Clause 24.

**20. Forfeiture of EMD**

The EMD shall be forfeited to the Client for the time, cost and effort of the and appropriated by the Client as mutually agreed genuine pre-estimated compensation and damages payable Client, without prejudice to any other right or remedy that may be available to the Client under the RFP or in law under the following conditions:

- (a) If a Bidder withdraws or modifies its Proposal during the Proposal validity period or any extension agreed by the Bidder thereof.
- (b) If a Bidder is disqualified;
- (c) If the Bidder tries to influence the evaluation process or engages in corrupt, fraudulent, coercive or undesirable practice or restrictive practice as set out in Section 5.
- (d) If a Bidder is declared the first ranking Bidder and it:
  - (i) Withdraws its Proposal during negotiations. However, failure to arrive at a consensus between the Client and the first ranked Bidder shall not be construed as withdrawal of proposal by the first ranked Bidder;
  - (ii) fails to furnish the Performance Security in accordance with Clause 24 of the RFP;
  - (iii) fails to sign and return, as acknowledgement, the duplicate copy of the letter of award;
  - (iv) fails to fulfil any other condition precedent to the execution of the Contract, as specified in the letter of award; or
  - (v) fails to execute the Contract.

**21. Bid documents and Bid Processing Fee**

- (a) All Bidders are required to pay the amount as indicated in the Data Sheet towards the cost of bid documents processing fees as follows:
- (i) Bid document processing fee shall be paid through demand draft drawn in favour of the Client.
  - (ii) The bid document processing fee is non-refundable.
  - (iii) Please note that the Proposal, which does not include the Bid documents and processing fees, would be declared as non-responsive and accordingly, rejected

**C. Submission, Opening and Evaluation****22. Submission, Sealing, and Marking of Proposals**

- (a) The Bidder shall submit a signed and complete Proposal comprising the documents specified in Clause 17 and Clause 18.
- (b) The Proposal shall be submitted in physical form (hard copy) and will be hand delivered or sent by registered post, speed post or courier in the manner and to the address specified in the Data Sheet:

The Client will not be responsible for any delays, loss or non-receipt of Proposals. Proposals submitted by fax, telegram or e-mail shall be rejected.

Each Proposal must be typed or written in indelible ink and an authorized representative of the Bidder shall sign the Proposal and physically initial all pages of the Proposal. The authorization shall be by way of a written power of attorney executed in the format attached as Appendix 4. The name and position held by the person signing the Proposal must be typed or printed below the signature.

- (c) The Proposal shall contain no interlineations or overwriting, except as necessary to correct errors made by the Bidder. Any modifications, revisions, interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the authorized signatory/ person signing the Proposal.
- (d) The signed Proposal shall be marked “Original”, and its copies marked “Copy”<sup>1</sup> as appropriate. The number of copies required to be submitted is indicated in the Data Sheet. All copies shall be made from the signed original. If there are

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<sup>1</sup>Copy means photo copy (ies) of the original proposal.



discrepancies between the original and the copies, the original shall prevail.

- (e) The Proposal will comprise 3 separate sealed envelopes which will be placed in a sealed outer envelope as follows:

- (a) The first envelope (**Envelope A**) will contain the Qualification Documents in original and such number of copies as specified in the Data Sheet and be marked as follows:

“SELECTION OF PROJECT MANAGEMENT  
CONSULTANT FOR AMARAVATI SMART &  
SUSTAINABLE CITY CORPORATION LIMITED –  
QUALIFICATION DOCUMENTS  
DO NOT OPEN BEFORE [Insert Time Indicated  
in the Data Sheet] ON [Proposal Due Date]”

- (b) The second envelope (**Envelope B**) will contain the Technical Proposal in original and such number of copies as specified in the Data Sheet and be marked as follows:

“SELECTION OF PROJECT MANAGEMENT  
CONSULTANT FOR AMARAVATI SMART &  
SUSTAINABLE CITY CORPORATION LIMITED –  
TECHNICAL PROPOSAL  
DO NOT OPEN BEFORE COMPLETION OF  
EVALUATION OF QUALIFICATION  
DOCUMENTS”

- (f) The third envelope (**Envelope C**) will contain the original Financial Proposal and be marked as follows:

“SELECTION OF PROJECT MANAGEMENT  
CONSULTANT FOR AMARAVATI SMART &  
SUSTAINABLE CITY CORPORATION LIMITED –  
FINANCIAL PROPOSAL  
DO NOT OPEN BEFORE COMPLETION OF  
EVALUATION OF TECHNICAL PROPOSAL”

- (g) The sealed envelopes containing the Qualification Documents, Technical Proposal

and Financial Proposal shall be placed into one outer envelope and sealed. This outer envelope shall bear the name and address of the Bidder and the RFP reference number and be marked as follows:

“SELECTION OF PROJECT MANAGEMENT CONSULTANT FOR AMARAVATI SMART & SUSTAINABLE CITY CORPORATION LIMITED – DO NOT OPEN BEFORE [Insert Time Indicated in the Data Sheet] ON [Proposal Due Date”].

- (h) If the envelopes are not sealed and marked as required, the Client will assume no responsibility for the misplacement, loss, or premature opening of the Proposal.
- (i) The above procedure is dispensed with and made online through a procurement online platform. However, each bidder is requested to submit one set of physical copy along with Enclosures as mentioned above.

### **23. Confidentiality**

- (a) From the time the Proposals are opened to the time the Contract is awarded, the Bidder should not contact the Client on any matter related to its Qualification Documents, Technical Proposal and/or Financial Proposal. Information relating to the evaluation of Proposals and award recommendations shall not be disclosed to the Bidders who submitted the Proposals or to any other party not officially involved with the bid process, until the publication of the Contract award.
- (b) Any attempt by a Bidder or anyone on behalf of the Bidder to influence improperly the Client in the evaluation of the Proposals or award of the Contract may result in the rejection of its Proposal.
  - (b) Notwithstanding the above provisions, from the time of the Proposals’ opening to the time of Contract award publication, if a Bidder wishes to contact the Client on any matter related to the selection process, it should do so only in writing.

- 24. Performance Security**
- 24.1 Upon selection, the Consultant shall furnish to the Client, a performance security of the amount specified in Clause 24.2 below, on or before execution of the Contract to secure the due Performance of the obligations of the Consultant under the Contract (the Performance Security). The Performance Security will be in the form of an unconditional, irrevocable and on-demand bank guarantee issued in favour of the Client in the format appended to the Contract.
- 24.2 The Performance Security shall be for an amount equal to 5% (Five per cent) of the total value of the Contract value excluding applicable taxes.
- 25. Opening and Evaluation of Proposals**
- (a) The Client shall open only those Proposals that are submitted on or before the specified time on the Proposal Due Date.
- (b) The Client shall open the Proposals at the time and on the date and the address specified in the Data Sheet.
- (c) The Client's evaluation committee shall conduct the opening of the Proposals in the presence of the Bidders whose authorized representatives choose to attend the bid opening event.

**26. Responsiveness and Eligibility Tests**

- (a) First, the Client's evaluation committee shall open and evaluate the Qualification Documents for responsiveness and to determine whether the Bidders are eligible to be awarded the Contract. At the opening of the Qualification Documents, the following shall be read out:
- the name and the country of the Bidder
  - the presence or absence of duly sealed envelopes with the Technical Proposal and the Financial Proposal;
  - any modifications to the Proposal submitted prior to the Proposal Due Date.
  - any other information deemed appropriate.
- The Qualification Documents shall be considered responsive only if:
- (a) all documents specified in Clause 17 are received in the prescribed format;
  - (b) the Proposal is received by the Proposal Due Date;
  - (c) it is signed, sealed and marked as specified in Clause 22;
  - (d) it contains all the information and documents (complete in all respects) as requested in this RFP; and
  - (e) it does not contain any condition or qualification.
- (b) The Client's evaluation committee shall evaluate and determine whether the Bidders who have submitted responsive Qualification Documents satisfy the Eligibility Criteria.
- (c) If any Bidder is found to be disqualified in accordance with the terms of the RFP or the Qualification Documents are found to be non-responsive or the Bidder does not meet the Eligibility Criteria, then the Proposal submitted by such Bidder will be rejected.
- (d) Upon completion of evaluation of the Qualification Documents, the Client will notify the Bidders whether they are qualified and eligible for evaluation of their Technical Proposals.

27. **Evaluation of Technical Proposals**

The Client's evaluation committee shall evaluate the Technical Proposals of eligible Bidders for responsiveness. If the Technical Proposal is found:

- (a) not to be complete in all respects; or
- (b) not duly signed by the authorized signatory of the Bidder;
- (c) not to be in the prescribed format; or
- (d) to contain alterations, conditions, deviations or omissions,

then such Technical Proposal shall be deemed to be substantially non-responsive and be liable to be rejected.

Each responsive Technical Proposal submitted by an eligible Bidder will be given a technical score on the basis of the evaluation criteria, sub-criteria, and point system specified in the Data Sheet. The Financial Proposals of only those Bidders who score at least the minimum qualifying technical score, as specified in the Data Sheet, on their Technical Proposals will be opened by the Client.

- 28. Public Opening of Financial Proposals (for QCBS methods)**
- (a) After the evaluation of Technical Proposals of eligible Bidders is completed, the Client shall notify those Bidders whose Technical Proposals were considered non-responsive to the RFP or who do not score the minimum qualifying technical score that their Financial Proposals will not be opened, along with information relating to the Bidder's overall technical score, as well as scores obtained for each criterion and sub-criterion). The Financial Proposals of technically unqualified Bidders will be returned unopened. The Client shall simultaneously notify in writing those Bidders that have achieved the minimum qualifying technical score and inform them of the date, time and location for the opening of their Financial Proposals. The opening date should allow the Bidders sufficient time to make arrangements for attending the opening. The Bidder's attendance at the opening of the Financial Proposals is optional and is at the Bidder's choice.
- (b) The Financial Proposals of eligible Bidders whose Technical Proposals have scored at least the minimum qualifying technical score shall be opened by the Client's evaluation committee on the date and at the time notified by the Client in the presence of the Bidders whose designated representatives choose to be present. At the opening of the Financial Proposals, the names of the Bidders, and the overall technical scores, including the break-down by criterion, shall be read aloud. The Financial Proposals will then be evaluated to confirm that they have remained sealed and unopened and are responsive in terms of the RFP. If any Financial Proposal is found:
- (i) not to be complete in all respects;
  - (ii) not duly signed by the authorized signatory of the Bidder;

- (iii) not to be in the prescribed format; or
- (iv) to contain alterations, conditions, deviations or omissions,

then such Financial Proposal shall be deemed to be substantially non-responsive and liable to be rejected.

The Financial Proposals that are found to be responsive will be evaluated, and the total cost quoted by the eligible and technically qualified Bidders will be read aloud and recorded. Each responsive Financial Proposal will be given a financial score on the basis of the formula specified in the Data Sheet.

29. **Correction of Errors**

- (a) Activities and items described in the Technical Proposal but not priced in the Financial Proposal shall be assumed to be included in the prices of other activities or items, and no corrections will be made to the Financial Proposal.

The Client's evaluation committee will correct any computational or arithmetical errors in the Proposals. In case of discrepancy between (a) a partial amount (sub-total) and the total amount; or (b) between the amount derived by multiplication of unit price with quantity and the total price; or (c) between figures and words, the later will prevail in each case. The difference shall be adjusted proportionately across the projects to match with the sum total (bid parameter).

**30. Combined  
Quality  
and Cost  
Evaluation**

The total score of an eligible and technically qualified Bidder will be calculated by weighting its technical score and financial score and adding them as per the formula set out in the Data Sheet. The Proposals of the eligible and technically qualified Bidders will then be ranked on the basis of their combined weighted technical and financial score. The Bidder achieving the highest combined weighted technical and financial score may be issued a letter of invitation by the Client to negotiate the Contract with the Client. If 2 or more Bidders are ranked the highest bidders with the same combined weighted technical and financial score, the Proposal with the higher technical score will be ranked first. If the technical score of the bidders is also same then, the bidder with highest average annual turnover will be the successful bidder. The first/highest ranked Bidder will ordinarily be the selected Bidder.



**D. Negotiations and Award****31. Negotiations**

- (a) The first/highest ranking bidder may, if necessary, be invited for negotiations with the Client. The negotiations will be held at the date and address indicated in the Data Sheet with the Bidder's authorized representative. The negotiations will be for re-confirming the obligations of the Consultant under the Contract and the RFP and finalizing the detailed work plan, deliverables, payment milestones and the proposed Expert Pool and Additional Resource Pool.
- (b) The Client shall prepare minutes of negotiations which will be signed by the Client and the Consultant's authorized representative.

**a. Availability of Key Experts & Additional Resources**

The first/highest ranking Bidder shall confirm the availability of all Key Experts & Additional Resources included in the Proposal as a pre-requisite to the negotiations, or, if applicable, a replacement in accordance with Clause 14. Failure to confirm the Key Experts' & Additional Resources' availability may result in the rejection of the first/highest ranking Bidder's Proposal and the Client proceeding to negotiate the Contract with the next-ranked Bidder.

The onsite team should be available for 100% of the time at client's office.

Notwithstanding the above, the substitution of Key Experts during the negotiations may be considered if such substitution is due solely to circumstances outside the reasonable control of and not foreseeable by the first/highest ranking Bidder, including but not limited to death or medical incapacity. In such case, the first/highest ranking Bidder shall offer a substitute Key Expert / Additional Resource within the period of time specified in the letter of invitation to negotiate the Contract, who shall have equivalent or better qualifications and experience than the original Key Expert or Additional Resource.

**b. Technical negotiations**

The negotiations will include discussions on the Terms of Reference (TORs), the proposed methodology, quality of work plan, the Client's inputs, deployment of the Key Experts and the Additional Resource Pool, the special conditions of the Contract, and finalizing the details of the Services to be provided by the Consultant. These discussions shall not substantially alter the original scope of Services under the TOR or the terms of the Contract, lest the quality of the final product, its price, or the relevance of the initial evaluation be affected.

The negotiations may include discussions on the Consultant's tax liability in India and how it should be reflected in the Contract.

**32. Conclusion of Negotiations**

- (a) The negotiations will be concluded with a review of the draft Contract.
- (b) If the negotiations fail, the Client shall inform the first/highest ranking Bidder in writing of all pending issues and disagreements and provide a final opportunity to the first/highest ranking Bidder to respond. If disagreement persists, the Client shall terminate the negotiations informing the first/highest ranking Bidder of the reasons for doing so. Upon termination of the negotiations with the first/highest ranking Bidder, the Client may invite the next-ranked Bidder to negotiate the Contract with the Client or annul the bid process, reject all Proposals and invite fresh Proposals. If the Client commences negotiations with the next-ranked bidder, the client shall not reopen the earlier negotiations.

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**33. Award of Contract**

- (a) After completing the negotiations, the Client shall issue a letter of award to the selected Bidder:
- (i) accepting the Proposal of the selected Bidder with such modifications as may be negotiated with the Client;
  - (ii) appointing it as the Consultant;
  - (iii) requesting it to submit the Performance Security in accordance with Clause 24;
  - (iv) requesting it to appoint the Key Experts/Additional Resources forming part of its Expert Pool who are not employees of the Consultant but have consented to being engaged by the Consultant on a contract basis to perform the Services or a part thereof in accordance with the Contract;
  - (v) subject to submission of the Performance Security and satisfaction of all other conditions specified in the letter of award, requesting it to execute the Contract.

Within [15] days of receipt of the letter of award, the selected Bidder shall sign and return a copy of the letter of award.

- (b) Upon execution of the Contract, the Client will publish the award information as per the instructions in the Data Sheet; and promptly notify the other technically qualified Bidders of the conclusion of the selection process or upload the details of the selected Consultant on its website.
- (c) The Consultant is expected to commence the assignment on the date and at the location specified in the Data Sheet.
- (d) If the selected Bidder fails to satisfy the conditions specified in Clause 33((a) above or fails to execute the Contract on or before the date specified in the letter of award, the Client may, unless it consents to an extension, without prejudice to its other rights under the RFP or in law, disqualify the selected Bidder, revoke the letter of award and forfeit the EMD

of the selected Bidder. If the Client elects to disqualify the selected Bidder and revoke the letter of award, it may invite the next ranked Bidder to negotiate the Contract with the Client or take any such measure as it may deem fit, including inviting fresh Proposals from the eligible Bidders or annulling the entire bid process.

**Data Sheet**

**A. General**

**ITB  
Clause  
Reference**

2.1 Name of the Client: Amaravati Smart & Sustainable City Corporation Limited (ASSCCL)  
Method of selection: Quality and Cost Based Selection  
70:30 (Technical: Financial)

2.4 (b) Minimum qualifying technical score: 70

2.4 (c) Please refer clause 30 of Data Sheet.

2.4 ( e) A pre-bid meeting will be held: Yes

Date of pre-bid meeting: 26/04/2018, Time: 11:00 hours

**Address:**

CEO, Amaravati Smart & Sustainable City Corporation Ltd,  
O/o AP Capital Region Development Authority,  
Lenin Center, Governorpet, Vijayawada, Andhra Pradesh,  
India

Pin – 520002

E-mail: apamaravatismartcity@gmail.com

Contact person: Mr. R. Krishna Kapardhi,

Ph: +917095599110

Vijayawada, Andhra Pradesh

2.4 (g) The Bidder may download the Smart City Proposal for preparing of the bid proposal from the website: (<https://crda.ap.gov.in>).

**ITB  
Clause  
Reference**

2.4 (h) SCHEDULE OF BIDDING PROCESS

The client shall endeavor to adhere to the following schedule:

| Sr. No. | Event Description                           | Date                          |
|---------|---|-------------------------------|
| 1       | Notification of NIT & Uploading of RFP      | 16/04/2018                    |
| 2       | Last date for receiving the pre-bid queries | 24/04/2018                    |
| 3       | Pre-bid Meeting                             | 26/04/2018 11:00 Hrs          |
| 4       | Reply to Pre-bid Queries                    | Within 7 days of Pre-bid Meet |
| 5       | Last Date of submission of Bid Documents    | 11/05/2018 by 15:00 Hrs       |
| 6       | Opening of Bid                              | 11/05/2018 by 16:00 Hrs       |
| 7       | Technical presentation by qualified bidders | 21/05/2018                    |
| 8       | Opening of financial proposals              | 25/05/2018                    |
| 9       | Issue of Letter of Acceptance (LoA)         | Upon approval of Authority    |

## B. Preparation of Proposals

**ITB  
Clause  
Reference**

- 11 This RFP has been issued in the English language. Proposals shall be submitted in English Language. All correspondence exchange shall be in English Language. No supporting document or printed literature shall be submitted with the Proposal unless specifically asked for and in case any document is in another language, it must be accompanied by an accurate translation of all the relevant passages in English by an approved/authorized/licensed translator<sup>2</sup>, in which case, for all purposes of interpretation of the Proposal, the translation in English shall prevail.
- 14 (a) Proposals must remain valid for 90 (ninety) calendar days after the Proposal Due Date (i.e., XX/XX/2018).
- 14 (a) Any change in Key Expert or Additional Resource will have to be with prior approval of the client.
- 15 Clarifications may be requested no later than 2 days prior to the pre-bid meeting date i.e. on 24/04/2018.  
The contact information for requesting clarifications is:  
CEO, Amaravati Smart & Sustainable City Corporation Ltd,  
O/o AP Capital Region Development Authority,  
Lenin Center, Governorpet, Vijayawada, Andhra Pradesh,  
India  
Pin – 520002  
E-mail: apamaravatismartcity@gmail.com  
Contact person: Mr. R. Krishna Kapardhi,  
Ph: +917095599110  
Vijayawada, Andhra Pradesh
- The Client shall make reasonable efforts to respond to the queries or request for clarifications on or before 7 days post the pre-bid meeting date.
- 18 (b) A price adjustment provision applies to remuneration rates: No.
- 18 (c) Amount quoted by the Consultant in its Financial Proposal will be exclusive of GST. Any other taxes/charges payable in connection with the Services will be borne by the Consultant.

- 19 (a) An EMD of INR 5,00,000 (Indian Rupees Five Lakhs) in the form of a demand draft or bank guarantee from any Scheduled Commercial bank in India and drawn in favour of the Commissioner, APCRDA, Vijayawada, must be submitted along with the Proposal.

If the EMD is submitted through a bank guarantee, it must be in the format set out in Appendix 3 and the minimum validity period of the bank guarantee should be 150 (one hundred fifty) days from the Proposal Due Date. In the event of any extension in the Proposal's validity, the EMD will also remain valid for such extended period.

- 21 Bid documents processing fee of INR 10,000 (Indian Rupees Ten Thousand only) shall be paid through a demand draft in favour of the Commissioner, APCRDA, Vijayawada.



**C. Submission, Opening and Evaluation**

**ITB  
Clause  
Reference**

- 22 The Consultant must submit the following number of copies of the Proposal:
- (a) Qualification Documents – 1 original and 1 copies
  - (b) Technical Proposal – 1 original and 1 copies
  - (c) Financial Proposal – Only the original Financial Proposal needs to be submitted as a part of the Proposal.

The Proposals must be submitted no later than:

Date: 11/05/2018

Time: till 15.00 Hours.

The Proposal must be delivered in physical form to the following address::

CEO, Amaravati Smart & Sustainable City Corporation Ltd,  
O/o AP Capital Region Development Authority,  
Lenin Center, Governorpet, Vijayawada, Andhra Pradesh,  
India  
Pin – 520002

**ITB  
Clause  
Reference**

- 25 (b) The opening of the Proposals shall start at:  
Amaravati Smart & Sustainable City Corporation Ltd,  
O/o AP Capital Region Development Authority,  
Lenin Center, Governorpet, Vijayawada,  
Andhra Pradesh, India  
Pin – 520002  
Date: 11/05/2018  
Time: at 16.00 Hrs
- 27 Eligibility Criteria
- (i) Financial Eligibility:
- The Bidder should have an average annual turnover from consultancy services of INR 100,00,00,000.00 (Indian Rupees One Hundred Crores) in the three preceding financial years i.e. 2014-15, 2015-16 and 2016-17 prior to the Proposal Due Date.
  - In case of a consortium/ JV, the Lead member shall have minimum of average turnover from consultancy services of INR 55,00,00,000 (INR Fifty five crores) in three preceding financial years, each of the other members should have minimum of average turnover from consultancy services of INR 30,00,00,000 (INR Thirty crores) in three preceding financial years; such that the total for the consortium/JV is atleast an average of 115,00,00,000 (INR One hundred and fifteen crores), in the three preceding financial years (2014-15, 2015-16 and 2016-17).
  - If the annual accounts for the Financial Year 2016-17 are not audited, the Bidder shall provide the provisional annual accounts for such Financial Year. The provisional annual accounts shall be accompanied by an undertaking by the Bidder to the effect that if it is chosen as the Consultant, it shall submit to the Client within 60 days of the date of the Contract, a duly certified copy of Bidder's duly audited balance sheet, annual report and profit and loss account for the Financial Year 2016-17 and a certificate from the statutory auditor certifying that the Consultant continues to meet the financial eligibility criteria set out in the RFP.

## (ii) Technical Eligibility:

To demonstrate the Bidders technical eligibility, the Bidder should over the past 10 (ten) years preceding the Proposal submission due date, demonstrate experience in successfully completing the assignments as providing Project Development /project Design & Supervision/ Project Design, Supervision and Management consultancy services for various types of projects as mentioned in the document.

Specifically, the bidder has to submit proof of the following experience to be eligible for the bid. The bidder shall have:

- Atleast 1 smart city experience (can be in ongoing stage),
- Atleast 1 greenfield city development/ projects experience (can be in ongoing stage)
- Provided design and project management consultancy services in a single Urban Infrastructure Project with a consultancy fee of not less than Rs 5 Crores during the last 5 years
- Successfully structured PPP projects for which Concession Agreement has been signed (at least two PPP projects with minimum Project cost of Rs. 250 Cr in last 10 years)
- Experience of working with Government and/or Government bodies (atleast 3 projects of size Rs. 250 Crores each) in last 10 years

(iii) For evaluation of eligibility/ experience criteria, only such projects would be considered for evaluation, which have been undertaken (as required by this RFP) by the bidder or any consortium member (in case bidder is consortium) either on its own or with 26% equity in the Consortium in the qualifying/claimed eligible project.

## (iv) Other Eligibility Criteria

- (a) Registered company under Companies Act 1956 and latest amendment thereafter
- (b) If any Bidder or its Affiliates have been barred by any government or government instrumentality in India or in any other jurisdiction to which such entity or its Affiliates belong or in which they

conduct their business, from participating in any project or being awarded any contract and the bar subsists on the Proposal Due Date, such Bidder will not be eligible to submit a Proposal. If the Client subsequently finds that a Bidder or any of its Affiliates is so barred, then the Client may disqualify the Bidder and reject its Proposal.

- (c) If any Bidder or its Affiliates has/have, in the [3 (three)] years immediately preceding the Proposal Due Date: (i) been expelled from any project or contract by any government or government instrumentality; or (ii) had any contract terminated by any government or government instrumentality for breach by such Bidder or its Affiliates, as the case may be, then such Bidder will not be eligible to submit a Proposal.
- (d) Bidders will provide such evidence of their continued eligibility as the Client may request at any time during or after the bid process.

## ITB

Clause  
Reference

The Technical Proposals of eligible and qualified Bidders shall be evaluated as follows:

27

Technical Proposal (Envelope B)

**The detailed technical evaluation of Proposals satisfying minimum eligibility conditions as above shall be done. The Criteria, sub-criteria and point system for detailed evaluation shall be as follows:**

| i) | <b>Specific experience of the consultant firm relevant to the assignment / Job</b>  | <b>30 mark</b> |
|----|---|----------------|
|    | <b>Sub criteria</b>   | <b>Mark</b>    |
| A  | Experience as Project Management Consultant/ Design/ Supervision in development of <b>any of the Smart City Projects in India or abroad</b> (One mark per project)  | 3              |
| B  | Experience as Project Management Consultant/ Design/ Supervision in development of <b>Water body/ Water Channel, Lake conservation/ Riverfront Development/</b> related projects (One mark per project)   | 4              |
| C  | Experience as Project Management Consultant/ Design/ Supervision in urban <b>Storm water/ Flood Mitigation/ Water Supply/ Waste Water treatment/</b> related projects (One mark per project)  | 4              |
| D  | Experience as Project Management Consultant/ Design/ Supervision in <b>Green Initiatives/ Microclimate Management/ Solar/ Wind/ Smart Lighting/ Energy Efficient Systems/ Solid Waste Management/ Waste to Energy Plant</b> related projects (One mark per project) | 4              |
| E  | Experience as Project Management Consultant/ Design/ Supervision in <b>Integrated ICT / SCADA/ BMS/ BIM/ Building Energy Management/</b> related projects (One mark per project)  | 5              |
| F  | Experience as Project Management Consultant/ Design/ Supervision in <b>Urban Transportation/ Streetscaping/ Non Motorized Transport/ Electric Mobility/</b> related projects (One mark per project)   | 4              |
| G  | Experience as Project Management Consultant/ Design/ Supervision in <b>Social Development/ Parks/ Landscape/ Recreational Projects/ Change Management/ IEC</b> related projects (One mark per project)  | 3              |
|    | <b>Total</b>  | <b>30</b>      |

|              |  |                 |
|--------------|--|-----------------|
| ii)          | <b>Technical Jury presentation - Proposed methodology, relevant experience and work plan</b> | <b>30 Marks</b> |
| <b>Sl.No</b> | <b>Sub-criteria</b>  | <b>Marks</b>    |
| a)           | Relevant Experience (Global Exposure will be given higher weightage)                         | 10              |
| b)           | Approach & methodology   | 10              |
| c)           | Work plan, Organization structure & staffing   | 10              |
|              | <b>Total</b>   | <b>30</b>       |

|      |  |                 |
|------|--|-----------------|
| iii) | <b>Key professional staff: Qualification &amp; competency for the assignment/ Job.</b> | <b>40 marks</b> |
|------|--|-----------------|

Qualifications and competency of each of the key professional as per (iii) above will be evaluated separately. The marks for key professionals will be further divided as under:

| <b>Sl.No.</b> | <b>Expert Pool</b>                          | <b>Marks</b> |
|---------------|---|--------------|
| 1             | Team Leader cum Urban Management Specialist | 5            |
| 2             | Infrastructure Specialist                   | 4            |
| 3             | Urban Finance Specialist                    | 4            |
| 4             | Smart City Specialist                       | 3            |
| 5             | E Governance / ICT Specialist               | 4            |
|               | <b>TOTAL</b>                                | <b>20</b>    |

| <b>Sl.No.</b> | <b>Additional Resource Pool</b>                              | <b>Marks</b> |
|---------------|--|--------------|
| 1.            | Urban Designer -1  | 1            |
| 2.            | Transportation Planner/Engineer -1                           | 1            |
| 3.            | Procurement Specialist -1                                    | 1            |
| 4.            | Landscape / pavement design Architect -1                     | 1            |
| 5.            | Solar Energy/ Renewable Energy Expert -1                     | 1            |
| 6.            | Electric Mobility Expert/ EV/Electrical/Mechanical Expert -1 | 1            |
| 7.            | Electrical Engineering Expert -1                             | 1            |
| 8.            | Real Estate Expert -1  | 1            |
| 9.            | Communication Specialist -1                                  | 1            |
| 10.           | Environment Management expert -1                             | 1            |
| 11.           | Utility Engineer -1  | 1            |
| 12.           | Social Development Specialist -1                             | 1            |
| 13.           | Structural Engineer -1                                       | 1            |
| 14.           | GIS & Remote Sensing Expert -1                               | 1            |
| 15.           | Culture & Heritage conservation expert -1                    | 1            |
| 16.           | Business Analyst/ Junior BPR Specialist -1                   | 1            |
| 17.           | Information Security Systems Expert -1                       | 1            |
| 18.           | Solution Architect -1  | 1            |
| 19.           | Networking & IT Infrastructure Specialist-1                  | 1            |
| 20.           | Construction Manager -1                                      | 1            |
|               | <b>TOTAL</b>   | <b>20</b>    |

For all the above positions following sub-criteria shall be followed:

| S.No | Criteria   | 100 Marks      |
|------|--|----------------|
| 1.   | Relevant Educational Qualification                                 | <b>20 Max.</b> |
|      | - Relevant Post Graduation   | 20             |
|      | - Relevant Graduation only   | 10             |
| 2.   | Relevant Professional Experience                                   | <b>20 Max.</b> |
|      | - Total Professional Experience (equal to 15 Yrs & Above)          | 20             |
|      | - Total Professional Experience (equal to 10 but less than 15 Yrs) | 10             |
|      | - Total Professional Experience (equal to 5 but less than 10 Yrs)  | 5              |
| 3.   | Adequacy for the Assignment  | <b>40 Max</b>  |
| (a)  | - 15 marks for each similar assignment*                            | 30 Max         |
| (b)  | - For additional similar assignment*                               | 10 Max         |
| 4.   | Experts similar experience in International Experience             | <b>20 Max</b>  |
|      | - 10 marks for each similar international assignment*              | 20 Max         |

The Key Experts mentioned within the Expert Pool tabulated above have to be present at client site for 100% of the time. They can be called for any discussion, presentation or review with the client to get update on the progress of the project with a short notice of time.

The minimum score for eligibility of technical qualification is 70 marks



**ITB  
Clause  
Reference****30  
(QCBS  
only)**

(a) Technical bids would be evaluated based on the technical evaluation criteria and the marks with break-up as specified in the BDS, and following the method given hereunder.

(i) The technical bid will be analyzed and evaluated, based on which the Relative Technical Score shall be assigned to each bid on the basis of parameters mentioned above.

(ii) Relative Technical Score  $S_t$  for each bidder will be calculated as follows based on above parameters:

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

Where,  $S_t$  = Relative score obtained by the bidder

T = Technical score obtained by bidder

Th = Highest Technical score secured among the Bidder

Technical Bids receiving  $S_t$  a greater than or equal to a score specified in BDS, (cut-off marks, say 'm') will be eligible for consideration in the subsequent round of commercial evaluation.

**The lowest evaluated Financial Proposal ( $F_m$ ) is given the maximum financial score ( $S_f$ ) of 100.**

**The formula for determining the financial scores ( $S_f$ ) of all other Proposals is calculated as following:**

$S_f = 100 \times F_m / F$ , in which " $S_f$ " is the financial score, " $F_m$ " is the lowest price, and " $F$ " the price of the Proposal under consideration.

**The weights given to the Technical (T) and Financial (P) Proposals are:**

**T = 0.7, and P = 0.3**

Proposals are ranked according to their combined technical ( $S_t$ ) and financial ( $S_f$ ) scores using the weightages (T = the weightage given to the Technical Proposal; P = the weight given to the Financial Proposal; T + P = 1) as following:

$$S = S_t \times T\% + S_f \times P\%.$$

**D Negotiations and Award**

**31**            **Expected date and address for contract negotiations:**  
To be intimated later.

**33 (b)**        **The publication of the contract award information following the completion of the Contract negotiations and Contract signing will be done as following:**

**The information will be published in .....**

**33 (c)**        **Expected date for the commencement of the Services:**

Date: XX/XX/2018 at: Amaravati (Andhra Pradesh)

**Section 2. Qualification documents and Technical Proposal – Standard Forms**

QUALIFICATION DOCUMENTS

**APPENDIX 1: QUALIFICATION DOCUMENTS AND PROPOSAL SUBMISSION FORM**  
[On the Letter head of the Bidder]

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{Location, Date}

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To:

CEO, Amaravati Smart & Sustainable City Corporation Limited,  
O/o AP Capital Region Development Authority,  
Lenin Center, Governorpet, Vijayawada, Andhra Pradesh,  
India - 520002

Ref: RFP for Selection of Project Management Consultant (PMC) for  
Design, Develop, Manage and Implement Smart City Project for Amaravati  
Smart & Sustainable City Corporation Limited.

Dear Sirs:

We, the undersigned, offer to provide the consulting services for the Smart city Project to be implemented by Amaravati Smart & Sustainable City Corporation Limited in Amaravati City of Andhra Pradesh in accordance with your Request for Proposals dated [Insert Date] . We are hereby submitting our Proposal, which includes the Qualification Documents and our Technical Proposal and Financial Proposal, each in a separate sealed envelope.

We hereby declare that:

- (a) All the information and statements made in this Proposal are true, nothing has been omitted which renders such information misleading and we accept that any misinterpretation or misrepresentation contained in this Proposal may lead to our disqualification by the Client.
- (b) All documents accompanying our Proposal are true copies of their respective originals. We will make available to the Client any additional information it may find necessary or require to authenticate or evaluate the Proposal.

- (c) Our Proposal shall be valid and remain binding upon us for the period of time specified in the Data Sheet, Clause 14.
- (d) We have no conflict of interest in accordance with Clause 3.
- (e) We and our Affiliates are not submitting more than one or separate Proposals.
- (f) We or any of our Affiliates have not been charge-sheeted by any agency of the government or convicted by a court of law, indicted or have had adverse orders passed by a regulatory authority which could cast a doubt on our ability to execute the Contract.
- (g) No investigation by a regulatory authority is pending either against us or any of our Affiliates or against our chief executive officer or any of our directors/managers/employees.
- (h) If due to any change in facts or circumstances during the bid process, we attract the provisions of disqualification in terms of the provisions of this RFP, we shall inform the Client of the same immediately.
- (i) We meet the Eligibility Criteria and all other requirements of the RFP and are qualified to submit a Proposal, We have not directly or indirectly through an agent engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, collusive practice, undesirable practice or restrictive practice as defined in Section 5 of the ITC. We undertake to continue to abide by and ensure that our Personnel comply with the Client's policy with regard to corrupt and fraudulent practices as per Clause 5 and Section 5.
- (j) We or our Affiliates, suppliers, or service providers for any part of the Contract, are not subject to any temporary suspension and have not been barred by any government or government instrumentality in India or in any other jurisdiction to which we or our Affiliates belong or in which we or our Affiliates conduct business or by any multilateral funding agency, from participating in any project or being awarded any contract or being given any funding and no such suspension or bar subsists on the Proposal Due Date.
- (k) In the last 3(three) years, we or our Affiliates have neither been expelled from any project or contract by any government or government instrumentality nor have had any contract

terminated by any government or government instrumentality for breach on our part.

- (l) Except as stated in Clause 14 (h), if we are selected as the Consultant, we undertake to negotiate the Contract and provide the Services on the basis of the proposed Expert Pool. We accept that the substitution of Key Experts or Additional Resources for reasons other than those stated in Clause 14 and Clause 31 may lead to revocation of the letter of award/termination of the Contract.
- (m) Our Proposal is binding upon us and is subject to any modifications resulting from the Contract negotiations.
- (n) We have carefully analyzed the RFP and all related information. We understand that except to the extent as expressly set forth in the Contract, we shall have no claim, right or title arising out of any documents or information provided to us by the Client or in respect of any matter arising out of or concerning or relating to the bid process including the award of the Contract.
- (o) Our Financial Proposal and the remuneration based on the deliverables/ work progress has been quoted by us after taking into consideration all the terms and conditions stated in the RFP, the Terms of Reference, the draft Contract, our own estimates of costs and after a careful assessment of all the conditions that may affect the Services.
- (p) We irrevocably waive any right or remedy which we may have at any stage at law or howsoever arising to challenge the criteria for evaluation or question any decision taken by the Client in connection with the evaluation of the Proposals, selection of the Consultant, or in respect of the Smart City Project and the terms and implementation thereof.
- (q) We acknowledge the right of the Client to reject our Proposal without assigning any reason and we hereby waive, to the fullest extent permitted by applicable law, our right to challenge the same on any account whatsoever.
- (r) We acknowledge the right of the Client to cancel the bid process and not award the Contract, without assigning any reason and without incurring any liability to the Bidders and we hereby waive, to the fullest extent permitted by applicable law, our right to challenge the same on any account whatsoever.

- (s) We undertake, if our Proposal is accepted and the Contract is signed, to initiate the Services no later than the date indicated in Clause 33.3 of the Data Sheet.

We remain,

Yours sincerely,

Authorized Signature {In full and initials}: \_\_\_\_\_

Name and Title of Signatory: \_\_\_\_\_

Address: \_\_\_\_\_

Contact information (phone and e-mail): \_\_\_\_\_

**APPENDIX 2: DETAILS OF THE BIDDER**

*(To be submitted on the letterhead of the Bidder)*

1. (a) Name:  
  
(b) Country of incorporation:  
  
(c) Date of incorporation and/or commencement of business:
2. Brief description of the company including details of its main lines of business and proposed role and responsibilities in this assignment  
[*Note: Such description shall not exceed 5 type-written pages.*]:
3. Shareholding of the Bidder, if applicable
4. List of directors
5. Details of individual who will serve as the point of contact/  
communication for the Client<sup>5</sup>:
  - (a) Name:
  - (b) Designation:
  - (c) Company:
  - (d) Address:
  - (e) Telephone Number:
  - (f) E-Mail Address:
  - (g) Fax Number:
6. Particulars of the Authorized Signatory of the Bidder:
  - (a) Name:
  - (b) Designation:

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<sup>5</sup> In the event that the authorized signatory and the point of contact are different individuals, the information for both the individuals (i.e., the authorized signatory and the point of contact) are to be furnished. The Client will send communication to both the entities.

- (c) Address:
- (d) Telephone Number:
- (e) E-Mail Address:
- (f) Fax Number:



**APPENDIX 3: FORMAT OF THE EMD**

*(To be executed on stamp paper of appropriate value)*

B.G. No. [\_\_]

Dated:

1. In consideration of you, Amaravati Smart & Sustainable City Corporation Limited (referred to as ASSCCL, which expression will, unless it is repugnant to the subject or context thereof include, its successors and assigns) having agreed to receive the Bid of [*insert name of Bidder*] with its registered office at [*Insert Address*] (referred to as the Bidder which expression will unless it be repugnant to the subject or context thereof include its/their executors, administrators, successors and assigns), for designing and implementing the application of Smart City Project, which involve the use of technology, information and data to improve infrastructure and provide smart solutions within the city of Amaravati, to implement the Smart Cities Mission in Amaravati, pursuant to the Request for Proposal dated [\_\_] (referred to as the RFP) and other related documents including without limitation the draft Contract (collectively referred to as Bid Documents), we (Name of the Bank) having our registered office at [\_\_] and one of its branches at [\_\_] (referred to as the Bank), at the request of the Bidder, do hereby in terms of the RFP, irrevocably, unconditionally and without reservation guarantee the due and faithful fulfillment and compliance of the terms and conditions of the Bid Documents (including the RFP) by the said Bidder and unconditionally and irrevocably undertake to pay forthwith to Amaravati Smart & Sustainable City Corporation Limited an amount of Rs. [\_\_] (referred to as the Guarantee) as our primary obligation without any demur, reservation, recourse, contest or protest and without reference to the Bidder, if the Bidder will fail to fulfill or comply with all or any of the terms and conditions contained in the said Bid Documents.
2. Any such written demand made by Amaravati Smart & Sustainable City Corporation Limited stating that the Bidder is in default of due and faithful compliance with the terms and conditions contained in the Bid Documents will be final, conclusive and binding on the Bank.
3. We, the Bank, do hereby unconditionally undertake to pay the amounts due and payable under this Guarantee without any demur, reservation,

recourse, contest or protest and without any reference to the Bidder or any other person and irrespective of whether the claim of Amaravati Smart & Sustainable City Corporation Limited disputed by the Bidder or not, merely on the first demand from ASSCCL stating that the amount claimed is due to ASSCCL by reason of failure of the Bidder to fulfil and comply with the terms and conditions contained in the Bid Documents, including but not limited to the following events: (a) If a Bidder withdraws its Proposal during the Proposal validity period or any extension agreed by the Bidder thereof.

- (b) If a Bidder is disqualified in accordance with Clause 3;
- (c) If the Bidder tries to influence the evaluation process or engages in corrupt, fraudulent, coercive or undesirable practice or restrictive practice as set out in Section 5 of the RFP.
- (d) If a Bidder is declared the first ranking Bidder and it:
  - (i) withdraws its Proposal during negotiations. However, failure to arrive at a consensus between the Client and the first ranked Bidder shall not be construed as withdrawal of proposal by the first ranked Bidder;
  - (ii) fails to furnish the Performance Security in accordance with Clause 24 of the RFP;
  - (iii) fails to sign and return, as acknowledgement, the duplicate copy of the letter of award;
  - (iv) fails to fulfill any other condition precedent to the execution of the Contract, as specified in the letter of award; or
  - (v) fails to execute the Contract.

Any such demand made on the Bank shall be conclusive as regards amount due and payable by the Bank under this Guarantee.

- 4. This Guarantee shall be irrevocable and remain in full force till the validity of the Proposal, including any extensions thereof, and will continue to be enforceable till all amounts under this Guarantee have been paid.

If the Bidder is declared as the Consultant, then the validity of the EMD of such Bidder shall be extended until the date on which the Consultant submits the Performance Security. The EMD of the Consultant will be returned upon the Consultant furnishing the Performance Security.

5. We, the Bank, further agree that Amaravati Smart & Sustainable City Corporation Limited will be the sole judge to decide as to whether the Bidder is in default of due and faithful fulfilment and compliance with the terms and conditions contained in the Bid Documents including, those events listed at clause 3 above. The decision of ASSCCL that the Bidder is in default as aforesaid will be final and binding on us, notwithstanding any differences between ASSCCL and the Bidder or any dispute pending before any court, tribunal, arbitrator or any other authority.
6. The Guarantee will not be affected by any change in the constitution or winding up of the Bidder or the Bank or any absorption, merger or amalgamation of the Bidder or the Bank with any other person.
7. In order to give full effect to this Guarantee, Amaravati Smart & Sustainable City Corporation Limited will be entitled to treat the Bank as the principal debtor.
8. The obligations of the Bank under this Guarantee are absolute and unconditional, irrespective of the value, genuineness, validity, regularity or enforceability of the Bid Documents or the Bid submitted by the Bidder.
9. The obligations of the Bank under this Guarantee shall not be affected by any act, omission, matter or thing which, but for this provision, would reduce, release or prejudice the Bank from or prejudice or diminish its liability under this Guarantee, including (whether or not known to it, or Amaravati Smart & Sustainable City Corporation Limited):
  - (a) any time or waiver granted to, or composition with, the Bidder or any other person;
  - (b) any incapacity or lack of powers, authority or legal personality of or dissolutions; or change in the Bidder, as the case may be;
  - (c) any variation of the Bid Documents, so that references to the Bid Documents in this Guarantee shall include each such variation;
  - (d) any unenforceability, illegality or invalidity of any obligation of the Bidder or Amaravati Smart & Sustainable City Corporation Limited under the Bid Documents or any unenforceability, illegality or invalidity of the obligations of the Bank under this Guarantee or the unenforceability, illegality or invalidity of the obligations of any Person under any other document or guarantee or security, to the extent that each obligation under this Guarantee shall remain in full force as a separate, continuing and

- primary obligation, and its obligations be construed accordingly, as if there were no unenforceability, illegality or invalidity; and
- (e) any extension, waiver, or amendment whatsoever which may release a guarantor or surety (other than performance of any of the obligations of the Bidder under the Bid Documents).
10. Any notice by way of request, demand or otherwise will be sufficiently given or made if addressed to the Bank and sent by courier or by registered mail to the Bank at the address set forth herein.
11. We undertake to make the payment on receipt of your notice of claim on us addressed to [*name of Bank along with branch address*] and delivered at our above branch which will be deemed to have been duly authorized to receive the notice of claim.
12. It shall not be necessary for Amaravati Smart & Sustainable City Corporation Limited to proceed against the Bidder before proceeding against the Bank and the Guarantee will be enforceable against the Bank, notwithstanding any other security which Amaravati Smart & Sustainable City Corporation Limited may have obtained from the Bidder or any other person and which will, at the time when proceedings are taken against the Bank, be outstanding or unrealized.
13. We, the Bank, further undertake not to revoke this Guarantee during its currency except with the previous express consent of Amaravati Smart & Sustainable City Corporation Limited in writing.
14. The Bank represents and warrants that it has power to issue this Guarantee and discharge the obligations contemplated herein, and the undersigned is duly authorized and has full power to execute this Guarantee for and on behalf of the Bank.
15. For the avoidance of doubt, the Bank's liability under this Guarantee will be restricted to Rs. [\_\_\_]. The Bank will be liable to pay the amount or any part of the Guarantee only if Amaravati Smart & Sustainable City Corporation Limited serves a written claim on the Bank in accordance with clause 11 of this Guarantee, on or before  
..... (indicate date corresponding to the Proposal validity period).
16. Capitalized terms used but not defined herein shall have the meanings given to them in the RFP.

Signed and Delivered by.....Bank

By the hand of Mr./Ms. .... its ..... and authorised official.

(Signature of the Authorised Signatory)

(Official Seal)

**APPENDIX4: FORMAT FOR POWER OF ATTORNEY FOR SIGNING OF PROPOSAL**

(On Non – judicial stamp paper of Rs 100/- or such equivalent amount and document duly attested by notary public)

**Power of Attorney**

Know all men by these presents, we ..... (name of the Bidder and address of the registered office) do hereby constitute, appoint and authorize Mr. / Ms..... (name and residential address) who is presently employed with us 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 necessary in connection with or incidental to submission of our Proposal for “ Selection of Project Management Consultant (PMC) for Design, Develop, Manage and Implement Smart City Project for Amaravati Smart & Sustainable City Corporation Limited.”, including signing and submission of the Proposal and all accompanying documents, attending the pre-bid meeting, providing information/responses to Amaravati Smart & Sustainable City Corporation Limited, representing us in all matters before Amaravati Smart & Sustainable City Corporation Limited, if selected, undertaking negotiations with Amaravati Smart & Sustainable City Corporation Limited prior to the execution of the Contract and generally dealing with Amaravati Smart & Sustainable City Corporation Limited in all matters in connection with our Proposal.

We hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things 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 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)

Accepted

..... (Signature)

(Name, Title and Address of the Attorney)

- *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 executants(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.*
- *In case the Proposal is signed by an authorized director of the Bidder, a certified copy of the appropriate resolution/ document conveying such authority may be enclosed in lieu of the power of attorney.*
- *For a power of attorney executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the power of attorney is being issued. However, the power of attorney provided by Bidders from countries that have signed the Hague Legislation Convention, 1961 are not required to be legalized by the Indian Embassy if it carries a conforming apostille certificate.*

**APPENDIX 5: FINANCIAL QUALIFICATION OF THE BIDDER**

| S.No. | Financial Year         | Audited Annual Turnover (Rs. Crore)<br>(from Consultancy Services) |
|-------|------------------------|--|
| 1     | Financial Year 2014-15 |  |
| 2     | Financial Year 2015-16 |  |
| 3     | Financial Year 2016-17 |  |

**Note:**

1. *The Bidder shall attach copies of the balance sheets, financial statements and audited annual reports for each of the Financial Years mentioned above. The financial statements shall:*
  - (a) *reflect the turnover of the Bidder;*
  - (b) *be audited by a statutory auditor;*
  - (c) *be complete, including all notes to the financial statements.*
2. *The Bidder shall provide a statutory auditor's certificate specifying the annual Turnover of the Bidder in the form above.*
3. *If the annual accounts for the Financial Year 2016-17 are not audited, the Bidder shall provide the provisional annual accounts for such Financial Year. The provisional annual accounts shall be accompanied by an undertaking by the Bidder to the effect that if it is chosen as the Consultant, it shall submit to the Client within 60 days of the date of the Contract, a duly certified copy of Bidder's duly audited balance sheet, annual report and profit and loss account for the Financial Year 2016-17 and a certificate from the statutory auditor certifying that the Consultant continues to meet the financial eligibility criteria set out in the RFP.*

Date:



**APPENDIX 6: TECHNICAL QUALIFICATION**

[The following table shall be filled in by the Bidder]

Name: *[insert full name]*

Date: *[Insert day, month, year]*

Bid no and Title: *[Insert bid number]*

Page *[Insert Page Number]* of *[Insert total number of pages]*

*[Identify Eligible Assignments undertaken by the Bidder over the past 10 (ten) years and the details set out in the table below. The Eligible Assignments should be listed chronologically, according to their date of commencement]*

*Provide the project details category wise in separate table format given below:*

Section 2 – Qualification Documents and Technical Proposal – Standard Forms

| Duration                  | Status | Eligible Assignment name & brief description of main deliverables/output                    | Name of Client & Country of Eligible Assignment | Approx. contract value (in INR. Equivalent) / amount paid to the Bidder for Eligible Assignment | Role of Bidder in Eligible Assignment | Project Cost | Certificate from the client provided  |
|---------------------------|--------|---|---|---|---------------------------------------|--------------|---|
| {e.g., Jan.2009–Apr.2010} |        | {e.g., “Supervision and Management consultancy services for a Project like..... }<br>.....} | {e.g., Ministry of ....., country}              | {e.g., INR 01 Cr.}  |                                       |              | Yes/No<br><br>a. Work order<br>b. Copy of completion certificate; [Issued by<br><br>Competent Authority] or Self certification signed by authorized signatory of the bidder |
|                           |        |   |   |   |                                       |              |   |
|                           |        |   |   |   |                                       |              |   |
|                           |        |   |   |   |                                       |              |   |

and Signature of Authorized Signatory)

(Name

**Note:**

1. *For each Eligible Assignment, the Bidder should indicate the duration of the assignment, the contract amount/the amount paid to the Bidder, the Bidder's role/involvement, and Project cost.*
2. *Project cost is defined as the cost of project for which the consulting service was provided by the bidder and the assignment was successfully completed.*
3. *Bidders are expected to provide information with respect to each Eligible Assignment in this Appendix. Each Eligible Assignment must comply with the requirements set out in the Data Sheet.*
4. *For each completed Eligible Assignment, work order and the completion certificate issued by the client certifying that the assignment has been completed by the Bidder should be furnished. In case completion certificate from the client is not available, self-certification by the authorized signatory of the bidder with contact details of the client can be provided. However, each certificate furnished by the Bidder may be subject to verification by Client as deemed necessary.*
5. *The client reserves the right to ask for documentary proofs for the claims made with regard to technical eligibility and work experience at any stage of bid process or for the selected bidder, any time thereafter.*
6. *The client reserves all rights to verify the authenticity of experience related certificates or any other certificates submitted by the bidder, at any stage of bid process or even thereafter. In case of finding any fraudulent practice during verification, the client shall reject the bid or terminate the contract.*

**APPENDIX 7: FORMAT FOR AFFIDAVIT CERTIFYING THAT BIDDER IS NOT BLACKLISTED**

(On a Stamp Paper of relevant value)

**Affidavit**

I M/s. .... , (the name of the Bidder and addresses of the registered office) hereby certify and confirm that we or any of our promoter/s/ chief executive officer/ directors/managers are not barred or blacklisted by any government or government instrumentality or public sector in India or in any other jurisdiction to which we or our Affiliates belong or in which we or our Affiliates conduct business from participating in any project or being awarded any contract, either individually or as member of a consortium and no such bar or blacklisting subsists as on the Proposal Due Date.

We further confirm that we are aware our Proposal for the Smart City Project would be liable for rejection in case any material misrepresentation is made or discovered with regard to the requirements of this RFP at any stage of selection and/or thereafter during the term of the Contract.

Dated this .....Day of ....., 201....

Name of the Bidder

.....  
Signature of the Authorized Person

.....  
Name of the Authorized Person

- *For an affidavit executed and issued overseas, the document will also have to be legalized by the Indian Embassy and notarized in the jurisdiction where the affidavit is being issued. However, the affidavit provided by Bidders from countries that have signed the Hague Legislation Convention, 1961 are not required to be legalized by the Indian Embassy if it carries a conforming apostille certificate.*

**Technical proposal Submission  
Forms**

{Notes to Bidders shown in brackets { } throughout Section 2 provide guidance to the Bidders to prepare the Technical Proposal; they should not appear on the Proposals to be submitted.}

CHECKLIST OF REQUIRED TECHNICAL PROPOSAL  
FORMS

| FORM   | DESCRIPTION   |
|--------|---|
| TECH-1 | Comments or Suggestions on the Terms of Reference and on Staff and Facilities to be provided by the Client.<br>A. On the Terms of Reference<br>B. On the Staff and Facilities |
| TECH-2 | Description of the Approach, Methodology, and Work Plan for Performing the Services.  |
| TECH-3 | Work Schedule and Planning for Deliverables   |
| TECH-4 | Team Composition, Key Experts & Additional Resource Pool Inputs, and Curriculum Vitae (CVs)   |
| TECH-5 | Undertaking from the Key Experts & Additional Resource Pool   |
| TECH-6 | Bidder's experience in similar projects   |

All pages of the original Technical Proposal and the Financial Proposal shall be initialed by the same authorized representative of the Bidder who signs the Proposal.

The client is not obligated to comply or agree with any of the comments or suggestions provided by the bidder on the Terms of Reference in TECH 1 form. It will be reviewed and discussed with the bidder to arrive at an agreed condition.

**FORM  
TECH-1**

**COMMENTS AND SUGGESTIONS ON THE TERMS OF REFERENCE, STAFF,  
AND  
FACILITIES TO BE PROVIDED BY THE  
CLIENT**

---

Form TECH-1: Comments and suggestions on the Terms of Reference that could improve the quality/effectiveness of the Services; and on requirements for staff and facilities, which are provided by the Client, including: administrative support, data, etc.

A - On the Terms of Reference

{Improvements to the Terms of Reference, if  
any}

B - On Counterpart Staff and Facilities

{Comments on counterpart staff and facilities to be provided by the Client.  
For example, administrative support, data, background reports, etc., if any}

**FORM  
TECH-2**

**DESCRIPTION OF APPROACH, METHODOLOGY, AND WORK PLAN IN RESPONDING  
TO THE TERMS OF REFERENCE**

---

Form TECH-2: A description of the approach, methodology and work plan for performing the assignment, including a detailed description of the proposed methodology and staffing for training.

{Suggested structure of your Technical Proposal

- a) Technical Approach, Methodology and presentation
- b) Work Plan
- c) Organization and Staffing

- a) Technical Approach, Methodology and presentation.{Please explain your understanding of the objectives of the assignment as outlined in the Terms of Reference (TOR), the technical approach, and the methodology you would adopt for implementing the tasks to deliver the expected output(s), and the degree of detail of such output. Please do not repeat/copy the TORs here.}
- b) Work Plan.{Please outline the plan for the implementation of the main activities/tasks of the assignment, their content and duration, phasing and interrelations, milestones (including interim approvals by the Client), and tentative delivery dates of the reports. The proposed work plan should be consistent with the technical approach and methodology, showing your understanding of the TOR and ability to translate them into a feasible working plan. A list of the final documents (including reports) to be delivered as final output(s) should be included here. The work plan should be consistent with the Work Schedule Form.}
- c) Organization and Staffing.{Please describe the structure and composition of your team, including the list of the Key Experts, Additional Resource Pool and relevant technical and administrative support staff.}

Note: Please enclose details for category a, b and c separately

**FORM TECH-3 WORK SCHEDULE AND PLANNING FOR DELIVERABLES**

| N°  | Deliverables <sup>1</sup> (D-..)             | Months |   |   |   |   |   |   |   |   |       |   |       |  |
|-----|--|--------|---|---|---|---|---|---|---|---|-------|---|-------|--|
|     |  | 1      | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | ..... | N | TOTAL |  |
| D-1 | Deliverable 1                                |        |   |   |   |   |   |   |   |   |       |   |       |  |
| A-1 | (e.g. Activity #1)                           |        |   |   |   |   |   |   |   |   |       |   |       |  |
|     | Submission and acceptance of Project concept |        |   |   |   |   |   |   |   |   |       |   |       |  |
|     |  |        |   |   |   |   |   |   |   |   |       |   |       |  |
|     |  |        |   |   |   |   |   |   |   |   |       |   |       |  |
|     |  |        |   |   |   |   |   |   |   |   |       |   |       |  |
| A-2 | {e.g., Activity #2:.....}                    |        |   |   |   |   |   |   |   |   |       |   |       |  |
|     | Situation Analysis Report                    |        |   |   |   |   |   |   |   |   |       |   |       |  |
|     |  |        |   |   |   |   |   |   |   |   |       |   |       |  |
| A-n |  |        |   |   |   |   |   |   |   |   |       |   |       |  |

1. List the deliverables for each Smart City Project/Module with the breakdown for activities (A) required to deliver them and other benchmarks such as the Client’s approvals. For phased assignments, indicate the activities, delivery of reports, and benchmarks separately for each phase. The list of Module/Projects/Subprojects as envisaged in the SC proposals are enclosed as Schedule-I. However, the Module/Projects are subjected to change based on current and future requirements
2. Duration of activities shall be indicated in a form of a bar chart/Gantt Chart as advised by the Client.
3. Include a legend, if necessary, to help read the chart.



**FORM TECH-4**

**CURRICULUM VITAE (CV)**

For all Key Experts, Team Leader and Additional Resources

|                                     |                          |
|-------------------------------------|--------------------------|
| Position Title and No.              | {e.g., K-1, TEAM LEADER} |
| Name of Expert:                     | {Insert full name}       |
| Date of Birth:                      | {day/month/year}         |
| Country of<br>Citizenship/Residence |                          |

Education: {List college/university or other specialized education, giving names of educational institutions, dates attended, degree(s)/diploma(s) obtained}

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Employment record relevant to the assignment: {Starting with present position, list in reverse order. Please provide dates, name of employing organization, titles of positions held, types of activities performed and location of the assignment, and contact information of previous clients and employing organization(s) who can be contacted for references. Past employment that is not relevant to the assignment does not need to be included.}

| Period                             | Employing organization and your title/position.<br>Contact for references   | Country | Summary of activities performed relevant to the Assignment |
|------------------------------------|---|---------|--|
| [e.g.,<br>May<br>2005-<br>present] | [e.g., Ministry of .....,<br>advisor/consultant to...<br><br>For references:<br>Tel...../e-mail.....;<br>Mr. Hbbbb, deputy<br>minister] |         |  |
|                                    |   |         |  |
|                                    |   |         |  |

Membership in Professional Associations and Publications:

---

Language Skills (indicate only languages in which you can work):

---



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Adequacy for the Assignment:

| Role/Position in Key Expert Pool/Additional Resource Pool:                       | Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks |
|--|---|
| {List all deliverables/tasks as in TECH- 3 in which the Expert will be involved) |   |
|  |   |
|  |   |

**Expert’s** contact information: (e-mail....., Landline..... Mobile.....)

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client, and/or sanctions by the Bank.

{day/month/year}

---

Name of Expert  
Date

Signature

{day/month/year}

---

Name of authorized  
Date

Signature

Representative of the Bidder  
(authorized signatory)

**Note:**

1. *CVs must be signed in indelible ink by the authorized signatory of the Bidders. Unsigned CVs shall be rejected.*
  
2. *The CVs shall also contain an undertaking from the authorized signatory of the bidder specifying the employees of the company and the proposed Key Experts/Additional Resources who are not employees, in the format set out in form TECH-5. In case the proposed Key Expert / Additional Resource is not an employee of the Bidder as on the proposal due date, the undertaking must also contain the details about his/her availability for the duration of the Contract, in the format set out in form TECH-5.*

**FORM TECH-5**

**UNDERTAKING REGARDING AVAILABILITY OF KEY EXPERTS/ADDITIONAL RESOURCE**

To,  
MD, Amaravati Smart & Sustainable City Corporation Limited,  
O/o AP Capital Region Development Authority,  
Lenin Center, Governorpet, Vijayawada, Andhra Pradesh,  
India - 520002

Dated:

Dear Sir,

Sub: Implementation of the Amaravati Smart City Project

We refer to the RFP dated [●] issued by you for the Smart City Project. We,

M/s ..... [*Insert name of the Bidder*] confirm that experts named below are the employee of the company on the proposal due date:

1. ....
2. ....
3. ....

Further we, M/s ..... [*Insert name of the Bidder*] confirm that key experts or Additional Resources named below:

1. ....
2. ....
3. ....

have authorized us to use their technical experience and submit their name as a Key Expert/Additional Resource for this Proposal for the Smart City Project.

If selected as the Consultant, we undertake that Key Experts/Additional Resources mentioned above would be part of the Expert Pool for implementing the Smart City Project and also undertake that these Key Experts / Additional Resources will be available and will provide their best services for the duration of the Contract, in accordance with the terms of the RFP and the Contract.

Name of the Bidder

.....  
Signature of the Authorized Person

.....  
Name of the Authorized Person

Date:

Place:

**FORM TECH-6****Bidder's experience in similar projects**

- The Bidder shall fill in the details of the experience in similar projects undertake by them in the past.
- In addition to the below table the Bidder shall submit the experience certificates attested by the Client.

| Sl. No | Project Name | Project Location | Project Type (EPC/PPP etc.) | Sector | Category (A/B/C/D/E/F/G) | Role of Consultant | Project Cost | Project Duration | Value of Consultancy Assignment | Client Name |
|--------|--------------|------------------|-----------------------------|--------|--------------------------|--------------------|--------------|------------------|---------------------------------|-------------|
|        |              |                  |                             |        |                          |                    |              |                  |                                 |             |
|        |              |                  |                             |        |                          |                    |              |                  |                                 |             |
|        |              |                  |                             |        |                          |                    |              |                  |                                 |             |
|        |              |                  |                             |        |                          |                    |              |                  |                                 |             |

### **Section 3. Financial Proposal - Standard Forms**

{Notes to Bidders shown in brackets { } provide guidance to the Bidder to prepare the Financial Proposals; they should not appear on the Financial Proposals to be submitted.}

Financial Proposal Standard Forms shall be used for the preparation of the Financial Proposal according to the instructions provided in Section 3.

FIN-1 Financial Proposal Submission Form

FIN-2 Summary of Costs

FIN-3 Breakdown of Lumpsum Fee

**FORM  
FIN-1**

**FINANCIAL PROPOSAL SUBMISSION FORM**

[Location, Date]

To: MD, Amaravati Smart & Sustainable City Corporation Limited,  
O/o AP Capital Region Development Authority,  
Lenin Center, Governorpet, Vijayawada, Andhra Pradesh,  
India - 520002

Dear Sirs:

We, the undersigned, offer to provide the consulting Assignment/job for [Insert title of Assignment/job] in accordance with your Request for Proposal dated [Insert Date] and our Technical Proposal. Our attached Financial Proposal is for the sum of Rs..... [Insert amount(s) in words and figures – limited to two decimals]. This amount is exclusive of GST. We hereby confirm that the financial proposal is unconditional and we acknowledge that any condition attached to financial proposal shall result in reject of our financial proposal.

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period (i.e. 150 days from proposed due date.)

We understand you are not bound to accept any Proposal you receive.

Yours Sincerely

Authorized Signatory

Name and Title of Signatory:

Name of Firm:

Address:



**FORM FIN-2**  
**SUMMARY OF COSTS**

1.0 The bidder has to fill-in the below form against the column – Lumpsum Consultancy fees (INR), to provide the lumpsum cost for providing services for each project in the list. The lumpsum amount quoted against each sub-project/ project in the table below is deemed to include all costs & expenses (except taxes) such as experts cost, out of pocket expenditure, travel, lodging & boarding, communications, printing & stationery, etc. The total of the cost for all the projects will form the financial bid parameter for the bidder. The financial bid parameter should be limited to two decimal places only.

**Table 1: Summary of Costs**

| Sr. No. | Project Name   | Experts Remuneration (From Table 2, Fin-3) in Rs. | Others (From Table 4, Fin-3) in Rs. | Lumpsum Consultancy fees (INR) exclusive of Taxes (C+D) |
|---------|--|---|-------------------------------------|---|
| A       | B  | C   | D                                   | E   |
| 1       | Intelligent Transport System                           |   |                                     |   |
| 2       | ICT Based projects across the city                     |   |                                     |   |
| 3       | E-Governance & Citizen Service App - People's Precinct |   |                                     |   |
| 4       | Integrated Command Control Centre                      |   |                                     |   |
| 5       | Appliance-level monitoring of Power usage              |   |                                     |   |
| 6       | Smart Education  |   |                                     |   |
| 7       | Smart and Integrated Healthcare System                 |   |                                     |   |
| 8       | Amaravati Citizen Card                                 |   |                                     |   |
| 9       | Smart Poles  |   |                                     |   |
| 10      | Bus Rapid Transit System                               |   |                                     |   |

|    |   |  |  |  |
|----|---|--|--|--|
| 11 | Smart Bus shelters<br>(other than BRTS bus<br>stations)   |  |  |  |
| 12 | Personal Rapid Transit<br>System  |  |  |  |
| 13 | E-Vehicles (E-buses, E-<br>cars, E-Autos, E-bikes)<br>+ Charging<br>Infrastructure                                      |  |  |  |
| 14 | Ferry Service (Inland<br>Canals + Vijayawada-<br>Amaravati)   |  |  |  |
| 15 | Smart Parking   |  |  |  |
| 16 | Public Bicycle Sharing  |  |  |  |
| 17 | Smart/Renewable<br>Energy Park  |  |  |  |
| 18 | Holistic Wellness<br>Centre   |  |  |  |
| 19 | Street vending zone   |  |  |  |
| 20 | RWH & Rain<br>Gardens/Bio-<br>Retention Ponds   |  |  |  |
| 21 | Public<br>Spaces/Parks/Eco-park<br>with Open Gym,<br>activity center &<br>leisure<br>spaces/Toddler-<br>friendly spaces |  |  |  |
| 22 | Roller-skates friendly<br>pathways  |  |  |  |
| 23 | Interactive Smart<br>Street Furniture   |  |  |  |
| 24 | Floating Markets  |  |  |  |
| 25 | Craft Bazaar (Delhi<br>Haat model)  |  |  |  |
| 26 | River Front Tourism   |  |  |  |
| 27 | Dakshinachitra<br>(Chennai model)   |  |  |  |
| 28 | Senior Citizen Lifestyle<br>/ Retirement Home   |  |  |  |

|    |   |  |  |  |
|----|---|--|--|--|
| 29 | Solar Energy Generation & Implementation Strategy for the city  |  |  |  |
| 30 | Bio-Toilets   |  |  |  |
| 31 | Smart Municipal Solid Waste Management (Smart Garbage bins, Segregation at Source, Smart collection using E-rickshaws, Composting/Recycling) - MSW Rules 2016 |  |  |  |
| 32 | Renewable Energy Strategy for the city  |  |  |  |
| 33 | City Gas Distribution Network - Implementation strategy   |  |  |  |
| 34 | Amaravati Transnational Skilling Centre   |  |  |  |
| 35 | Information, Education & Communication project (ICE) - Cycling, Solid Waste Management, Tourism, Smart Poles, Citizen App, Smart Card, etc.                   |  |  |  |

Project brief containing details of the proposed Smart City Projects as per above list are attached in the Annexure F to provide insight to the bidder on the scope of services required for each sub-project/ project that shall support in deciding the bid amount.

**FORM FIN-3**  
**Breakdown of Lumpsum Fee**

Further, the bidder has to provide a detailed break-up of the quoted fee for each project in the format provided below. The break-up includes providing detailed requirement of manpower (team composition) with their brief CV, man months for each activity involved and billing rates against each expert.

**Table 2: Breakdown of Experts Remuneration**

| S. No | Project Name   | Expert 1    |               |             | Expert 2    |             |             | Expert 3    |             |             | Expert 4    |             |             | Expert 5    |             |             | Total (D+F+H+J+L)** |
|-------|--|-------------|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------------|
|       |  | T<br>O<br>E | C<br>M.<br>M. | D<br>T<br>C | T<br>O<br>E | E<br>M<br>M | F<br>T<br>C | T<br>O<br>E | G<br>M<br>M | H<br>T<br>C | T<br>O<br>E | I<br>M<br>M | J<br>T<br>C | T<br>O<br>E | K<br>M<br>M | L<br>T<br>C |                     |
| 1     | Intelligent Transport System                           |             |               |             |             |             |             |             |             |             |             |             |             |             |             |             |                     |
| 2     | ICT Based projects across the city                     |             |               |             |             |             |             |             |             |             |             |             |             |             |             |             |                     |
| 3     | E-Governance & Citizen Service App - People's Precinct |             |               |             |             |             |             |             |             |             |             |             |             |             |             |             |                     |
| 4     | Integrated Command Control Centre                      |             |               |             |             |             |             |             |             |             |             |             |             |             |             |             |                     |
| 5     | Appliance-level monitoring of Power usage              |             |               |             |             |             |             |             |             |             |             |             |             |             |             |             |                     |
| 6     | Smart Education  |             |               |             |             |             |             |             |             |             |             |             |             |             |             |             |                     |
| 7     | Smart and Integrated Healthcare System                 |             |               |             |             |             |             |             |             |             |             |             |             |             |             |             |                     |



|    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|    | with Open Gym, activity center & leisure spaces/Toddler-friendly spaces  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22 | Roller-skates friendly pathways  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 23 | Interactive Smart Street Furniture   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 24 | Floating Markets   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25 | Craft Bazaar (Delhi Haat model)  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 26 | River Front Tourism  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 27 | Dakshinachitra (Chennai model)   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 28 | Senior Citizen Lifestyle / Retirement Home   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 29 | Solar Energy Generation & Implementation Strategy for the city   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30 | Bio-Toilets  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 31 | Smart Municipal Solid Waste Management (Smart Garbage bins, Segregation at Source, Smart collection using E-rickshaws, Composting/ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|   | Recycling) - MSW Rules 2016   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 32  | Renewable Energy Strategy for the city  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 33  | City Gas Distribution Network - Implementation strategy   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 34  | Amaravati Transnational Skilling Centre   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35  | Information, Education & Communication project (ICE) - Cycling, Solid Waste Management, Tourism, Smart Poles, Citizen App, Smart Card, etc. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Grand Total of Experts Cost/ Remuneration |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

*M.M = Number of Man Months input of the Expert for each project*

*T.C. = Total cost of the Expert calculated based on number of man months input and man month rate to be provided in the table of experts*

*TOE = Type of Expert among the list of experts mentioned in Appendix B.*

*\*\* This shall be the sum total of remuneration of all experts based on their man months input and corresponding cost derived from the table of experts below.*

**Table 3: Table of Experts**

| <b>Sr. No.</b> | <b>Expert Type</b>   | <b>Person Identified</b> | <b>Monthly Billing Rate (INR) excl. Taxes</b> |
|----------------|--|--------------------------|---|
| 1.             | Team Leader cum Urban Management specialist                                    |                          |   |
| 2.             | Infrastructure/ Engineering Specialist with Civil building construction expert |                          |   |
| 3.             | Urban Finance Specialist   |                          |   |
| 4.             | Smart City Specialist  |                          |   |
| 5.             | E-Governance /ICT Specialist   |                          |   |
| 6.             | Urban Designer   |                          |   |
| 7.             | Transportation Planner/ Engineer   |                          |   |
| 8.             | Procurement Specialist   |                          |   |
| 9.             | Landscape / pavement design Architect  |                          |   |
| 10.            | Solar Energy/ Renewable Energy Expert  |                          |   |
| 11.            | Electric Mobility Expert/ EV/Electrical/Mechanical Expert                      |                          |   |
| 12.            | Electrical Engineering Expert  |                          |   |
| 13.            | Real Estate Expert   |                          |   |
| 14.            | Communication Specialist   |                          |   |
| 15.            | Environment Management expert  |                          |   |
| 16.            | Utility Engineer   |                          |   |
| 17.            | Social Development Specialist  |                          |   |
| 18.            | Structural Engineer  |                          |   |
| 19.            | GIS & Remote Sensing Expert  |                          |   |
| 20.            | Culture & Heritage conservation expert   |                          |   |



|     |   |  |  |
|-----|---|--|--|
| 21. | Business Analyst/ BPR Specialist          |  |  |
| 22. | Information Security Systems Expert       |  |  |
| 23. | Solution Architect                        |  |  |
| 24. | Networking & IT Infrastructure Specialist |  |  |
| 25. | Construction Manager                      |  |  |
| 26. | Any other experts as identified by bidder |  |  |

## Note:

1. The billing rates (man month cost) for an expert shall be constant across different projects and shall be based on the table of experts. The billing rate for an expert has to be one quoted number which will be used everywhere that expert is required.
2. The team composition and man month requirement has to be specific to each project because payment will be made for deliverable submitted and approved project-wise. Also, man-month detailing has to be furnished for every stage/activity within a project based on different stages of payment.
3. In case the client wants to modify (add/remove/revise) any part/ whole of projects listed or add a new project, the client shall decide on the experts requirement and corresponding man-months based on the break-up provided by the bidder in the fin-2 and fin-3 (in case of modification in the existing projects list). In case of new project, the client shall decide on the experts requirement and corresponding man-months in consultation with the PMC. The price of such modifications will be arrived as above, however, the decision of the client shall be final and binding on the PMC.
4. Brief CVs of all the experts specified above have to be provided. In case there is a change in the personnel, the bidder has to provide equal or higher qualified person, as agreed by the client.
5. The client can ask for prioritizing projects as per the requirement and importance, which shall be discussed with the bidder and planned accordingly from time to time.

**Table 4: Breakdown of Other Costs**

| <b>S.no</b> | <b>Project</b> | <b>Travel cost<br/>(Rs.)</b> | <b>Lodging&amp;<br/>Boarding<br/>(Rs.)</b> | <b>Printing,<br/>stationery&amp;<br/>Communi-<br/>cations<br/>(Rs.)</b> | <b>Any Other<br/>Costs<br/>(Rs.)</b> | <b>Total<br/>(C+D+E+F+G<br/>)</b> |
|-------------|----------------|------------------------------|--|---|--------------------------------------|-----------------------------------|
| <b>A</b>    | <b>B</b>       | <b>C</b>                     | <b>D</b>                                   | <b>E</b>  | <b>F</b>                             | <b>G</b>                          |
| 1.          |                |                              |  |   |                                      |                                   |
| 2.          |                |                              |  |   |                                      |                                   |
| 3.          |                |                              |  |   |                                      |                                   |
| 4.          |                |                              |  |   |                                      |                                   |
| 5.          |                |                              |  |   |                                      |                                   |
| 6.          |                |                              |  |   |                                      |                                   |
| 7.          |                |                              |  |   |                                      |                                   |
| 8.          |                |                              |  |   |                                      |                                   |
| 9.          |                |                              |  |   |                                      |                                   |
| 10.         |                |                              |  |   |                                      |                                   |
| 11.         |                |                              |  |   |                                      |                                   |
| 12.         |                |                              |  |   |                                      |                                   |
| 13.         |                |                              |  |   |                                      |                                   |
| 14.         |                |                              |  |   |                                      |                                   |
| 15.         |                |                              |  |   |                                      |                                   |
| 16.         |                |                              |  |   |                                      |                                   |
| 17.         |                |                              |  |   |                                      |                                   |
| 18.         |                |                              |  |   |                                      |                                   |
| 19.         |                |                              |  |   |                                      |                                   |
| 20.         |                |                              |  |   |                                      |                                   |
| 21.         |                |                              |  |   |                                      |                                   |
| 22.         |                |                              |  |   |                                      |                                   |
| 23.         |                |                              |  |   |                                      |                                   |
| 24.         |                |                              |  |   |                                      |                                   |
| 25.         |                |                              |  |   |                                      |                                   |
| 26.         |                |                              |  |   |                                      |                                   |
| 27.         |                |                              |  |   |                                      |                                   |
| 28.         |                |                              |  |   |                                      |                                   |
| 29.         |                |                              |  |   |                                      |                                   |
| 30.         |                |                              |  |   |                                      |                                   |
| 31.         |                |                              |  |   |                                      |                                   |
| 32.         |                |                              |  |   |                                      |                                   |
| 33.         |                |                              |  |   |                                      |                                   |
| 34.         |                |                              |  |   |                                      |                                   |
| 35.         |                |                              |  |   |                                      |                                   |
|             |                |                              |  |   | Grand<br>Total                       |                                   |

**Section 4. Eligible Countries**

In reference to Clause 6, for the information of Bidders, at the present time firms, goods and services from the following countries are excluded from this selection: **NONE**

**Section 5. Corrupt and Fraudulent Practices**

- 5.1** The Bidders 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 Client shall reject a Proposal without being liable in any manner whatsoever to the Bidder, if it determines that the Bidder 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 Client shall, without prejudice to its any other rights or remedies, forfeit and appropriate the Performance Security, if available, as mutually agreed genuine pre-estimated compensation and damages payable to the Client for, *inter alia*, time, cost and effort of the Client, in regard to the RFP, including consideration and evaluation of such Bidder’s Proposal.
- 5.2** Without prejudice to the rights of the Client under Clause 5.1 hereinabove and the rights and remedies which the Client may have under the LOA or the Contract, if a Bidder is found by the Client 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 Contract, such Bidder shall not be eligible to participate in any tender or RFP issued by the Client during a period of 2 (two) years from the date such Bidder is found by the Client 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.
- 5.3** For the purposes of this Clause 5.3, 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 Client 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 Contract or arising there

From, before or after the execution thereof, at any time prior to the expiry of 1 year from the date such official resigns or retires from or otherwise ceases to be in the service of the Client, shall be deemed to constitute influencing the actions of a person connected with the selection process; or (ii) save as provided herein, engaging in any manner whatsoever, whether during the selection process or after the issuance of the LOA or after the execution of the Contract, as the case may be, any person in respect of any matter relating to the Project or the LOA or the Contract, who at any time has been or is a legal, financial or technical consultant/adviser of the Client in relation to any matter concerning the Contract;

- (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) “collusive practices” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party<sup>5</sup>;
- (e) “undesirable practice” means (i) establishing contact with any person connected with or employed or engaged by the Client 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
- (f) “restrictive practice” means forming a cartel or arriving at any understanding or arrangement among Bidders with the objective of restricting or manipulating a full and fair competition in the selection process.

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<sup>5</sup> For the purpose of this sub-paragraph, “parties” refers to participants in the procurement or selection process (including public officials) attempting either themselves, or through another person or entity not participating in the procurement or selection process, to simulate competition or to establish prices at artificial, non-competitive levels, or are privy to each other’s bid prices or other conditions.

## Section 6. Terms of Reference

### 6.1 Background:

"Amaravati" has been selected as a Smart City in round 3 and stood 4th out of 30 selected cities by the Smart Cities Mission under Ministry of Housing and Urban Affairs, Government of India. Objective of the Smart Cities Mission is to promote Cities that provide core infrastructure, give a decent quality of life to their citizens and apply smart solutions to improve services and infrastructure.

### 6.2 Need for Present Assignment:

The assistance of Project Management Consultant is required to support Amaravati Smart City for structuring, conceptualizing, designing, developing, tendering, managing and implementing Smart City projects & hence the need for assignment.

### 6.3 Brief Scope of Work:

The principal objective of the Project Management Consultants (PMC) assignment is to assist the AP CRDA to realize the vision of the Smart City, contemplated in the SCP, by preparing the final project structures, designs, tender documents and implementation of sub-projects (as specified in the document by the client) based on the Smart City Mission Guidelines.

### 6.4 An Outline of the Tasks to be carried out by the Consultant:

The PMC will be responsible for dissemination of project related information to all stake holders and ensure appropriate level of community mobilization, IEC activities, citizen engagement and participation. The PMC will also be responsible for implementation of the sub-projects identified by the client and provided in the RFP. Any innovative proposals found relevant to the Smart City Concepts can be suggested by the bidder in consultation with the client. The Consultant would support the Employer in overall management of Smart City project, including project planning, conceptualizing, structuring, designing, budgeting, costing, tendering, supervision, QA-QC activities, monitoring & evaluation, reporting and coordination to ensure timely project development and implementation in line with Smart City Proposal and Smart Cities Mission guidelines.

The assignment is for the Conceptualizing Design Phase for Planning, designing and procurement assistance; and implementation/ execution supervision.

The PMC will work under the overall supervision, direction and guidance of the SPV/ SLNA. The broad scope of work shall cover, but not limited to:

- a) Conceptualize, develop, tender and execute projects on models such as joint ventures, subsidiaries, public-private partnership (PPP), turnkey contracts, Annuity Models etc. to implement SCM projects.
- b) Review & Study of all relevant & similar projects in the country & internationally & present to the Client on project successes, failures, learning that can be taken, and specific inputs with respect to the project to be implemented in Amaravati.
- c) Study all possible project structures & comparison of pros & cons of each & justification for recommendations being made.
- d) Advise the Employer on technical, commercial, financial, and legal aspects of project development and implementation based on Employer requirements.
- e) The consultant shall act as a repository of knowledge/technical expertise on every matter on each of such Smart City Project & assist the Client in all such matters in order to make informed decisions at a city-level
- f) Take end-to-end responsibility of preparation of feasibility study, develop project structures, designs, prepare detailed project reports, tender documents and provide bid process management support for selection of implementing agency.
- g) Establish base line data of all the urban infrastructure sectors, existing service level of the city.
- h) Should provide Transaction Advisory services for certain identified projects with innovative Financial Models/structures to make the project attractive to private investors.
- i) Prepare proposals for consideration of various project development, financing and implementation partners including concept notes, presentations, and follow-ups.
- j) Provide end-to-end support to the Client for running the bid process in all stages. In case of failure to attract bids, the Consultant has to revisit the project structure, feasibility, relevant project/bid documents, and assist in running the bid process again for the revised structure.
- k) Advise the Client on best suited modalities & institutional setups/arrangements to implement projects, viz. creation of SPVs between Client/APCRDA/Smart City SPV/concerned Government Authority/private entity/any other partners for specific project proposals – in order to ring fence the project & maximize revenue generation possibility & funding possibility.

- l) Provide implementation support including contract negotiation, contract management and contract closure.
- m) Support Employer to frame policies, regulations and bye-laws required in accordance with proposed smart city projects and their project development and implementation activities.
- n) Support Employer in bringing convergence with other ongoing schemes of the city.
- o) Take full responsibility of preparing relevant documentation & submissions to Government of India for getting funding from Smart Cities Mission and other convergence funds
- p) Prioritize projects in order to receive the complete Smart City funding within 18 months of appointment
- q) Engage with relevant vendors/suppliers/experts in order to finalize the structure/design of Smart City Projects & to come up with innovative models to make projects implementable
- r) Assist the Client in taking approvals from the various internal committees, bodies, approval authorities at every stage of the project – in terms of getting requisite information to be presented, preparation of project presentations for specific audience etc.
- s) Shall ensure compliance & monitoring of project activities by using latest Project Management Tools such as real time monitoring of work progress on field.
- t) Assist the Employer in conducting project review meetings, preparation of minutes of meeting etc.
- u) After completion of each of the sub project, project completion report to be submitted along with project impact assessment study, listing out all the beneficiaries and outcomes of the project.
- v) Provide Project Management Support through regular monitoring of the projects for time and scope deadlines and handholding the government in ensuring that all projects identified by the client and any other project found suitable are implemented as per the contractual terms and conditions.
- w) Provide Capacity building support to the client in terms of conduct of trainings for inducting newer technologies. Undertaking Trainings needs assessment, formulating a training calendar and training schedules to be incorporated in various SCP projects. Undertaking effectiveness assessments of all trainings undertaken by individual projects etc.
- x) Putting in place change management initiatives of the government so as to ensure the success of new projects implemented under the SCP initiatives. This shall include development and implementation of effective communication (IEC activities) to inform the citizens about the advantages of the new services and technologies put in place to ease their



use of public utilities. Conduct of regular workshops for the relevant stakeholders, publication of newsletters etc.

- y) The Bidder shall develop an exclusive website for Amaravati Smart City Program Management with real time data seamlessly connected APCRDA, GoAP and GoI, which shall have a single point source for all the information related to Amaravati Smart City Project.
- z) Wherever Land Acquisition is involved, the Consultant shall strive to adopt Town Planning Scheme mechanism (TPS). For all the green field development proposals of the SPV, TPS mechanism shall be followed scrupulously.

The tasks to be completed under this assignment are detailed below:

#### **6.4.1 Phase-I: Conceptualizing, Structuring, Planning, designing and procurement assistance:**

##### **a. Brief Scope of Work for Area based/ Greenfield development:**

- i. Review of earlier studies & project reports/documents relevant to the project.
- ii. Carrying out all necessary surveys including market & traffic & transportation related surveys, studies and site investigations for sub-project preparation. The cost towards survey and field investigations shall be part of the consultant's quote. The Consultant may refer to the available information, pertaining to topographical and other surveys, with the ULB. However, PMC shall make its own assessment and provide details in the breakup of costs.
- iii. Identify underground utilities.
- iv. Establish baseline data wherever necessary.
- v. Prepare a feasibility study including technical, commercial, financial, institutional and safeguards aspects in accordance with the prevailing guidelines.
- vi. Prepare a road map for guiding the overall investment, specifying the physical and non physical investments and the corresponding resources needed.
- vii. Explore options of project financing to optimize financial leveraging.
- viii. Prepare, review and finalize the preliminary designs for each of the identified sub-projects.
- ix. On approval of the preliminary designs by the competent authority, prepare Detailed Project Reports which shall include detailed engineering designs that are cost effective and use appropriate technology and materials, cost and quantity estimates, BoQs,

specifications, consistent with relevant standards and designs, construction drawings and tender documentations. DPRs shall also include design of O&M phase, both in terms of the institutional arrangements and the financial means to ensure the subprojects provide sustainable services during their lifetime.

- x. Establishing the subproject costs, ensuring that they are within the acceptable cost limits.
- xi. Assisting the SPV in tendering, bid evaluation and award of contract.
- xii. The consultant shall comply & carry out the assignment as per the guidelines issued by MoUD/GoAP/SPV from time to time over the entire period of the contract.

**b. Brief Scope of Work for Pan City and City Level Development:**

- i. Examine the Pan-city and City-level proposals provided by the client in the RFP and prepare proposal for development of selected Smart Solutions to the existing city-wide infrastructure which shall involve the use of technology, information and data to make infrastructure and other allied services better.
- ii. Prepare the functional & non-functional requirement specifications.
- iii. Prepare Networking and connectivity requirements and shall act as a System Integrator.
- iv. Identify & prepare Data digitization requirements.
- v. Identify & prepare Training requirements.
- vi. Identify & prepare the list of necessary software & hardware.
- vii. Study of various technologies and suggest the most viable techno economical solution.
- viii. The Consultant shall prepare the Scope document, Detailed Project Reports, structure the project on the most feasible model, prepare tender documents & assist the Client in running the tender process.
- ix. Prioritize the activities of the projects/components and prepare a tentative implementation plan.
- x. Identify the risk & prepare mitigations measures.
- xi. The proposed ICT solution across various sectors of the city shall be in line with Cyber Security Model Framework proposed by MoUD vide their OM No: K-15016/61/2016-SC-I dt 20<sup>th</sup> May 2016.
- xii. The consultant shall comply & carry out the assignments as per the OM/guidelines issued by MoUD/GoAP/SPV from time to time over the entire period of the contract.

**c. Brief scope of work for PPP projects:**

- i. The Consultant shall play the role of transaction advisor in all PPP projects and shall do all the detailed financial, technical and legal work required to prepare the Project Sponsor to implement the proposed project.
- ii. The transaction advisor will complete a feasibility study to a standard that will enable the SPV to establish the commercial attractiveness and bankability of the project.
- iii. During the procurement phase, the transaction advisor will advise the SPV on optimum risk allocation and the resultant contract structure including preparation of all necessary documentation and requisite approvals.
- iv. In broad terms, the TA shall provide his services in two phases:
  - Phase I: Project Structuring, financial modeling, Project feasibility study, DPR, tender document preparation, running the tender process.
  - Phase II: Construction and performance monitoring and operations monitoring during commercial operations and after financial closing.

**6.4.2 Deliverables:**

1. *Concept Plan*
2. *Draft Feasibility Report with project structure & draft costing/financials*
3. *Detailed Feasibility Study*
4. *Project Structure with justification*
5. *Financial Model*
6. *Detailed Project Report with all technical studies, engineering, drawings & schedules*
7. *Bid Documents – EOI/RFQ/RFP/Contract Agreement/Concession Agreement (as applicable in each case)*
8. *Final Contract / Concession Agreement*
9. *Project Decks / Information or Presentation for stakeholders (Funding agencies, investors, developers, contractors, partners)*
10. *Implementation plan, schedules, Project Management Plan*
11. *Monthly progress reports*
12. *Necessary Manuals, Service Level Agreements, Development/O&M Obligation documents, any other necessary contractual documentation*
13. *Documentation for accessing funds from Central/ State Government*
14. *Documentation/Notings for assisting Client in getting internal approvals*
15. *Any other relevant deliverable as demanded from Client on a need basis*

**a. Detailed Project Reports and detailed engineering for Area based/ Greenfield, City level & Pan city Development:**

- i. Review SCP and understand the SPV/ULB's priorities and situation.
- ii. For the identified sub-projects (including other innovative smart city proposals), conduct all necessary investigations, surveys and tests as required for the preparation of DPRs, taking into account possibilities of optimizing existing assets /systems.
  - Necessary topographical survey.
  - Necessary soil testing as per standard engineering practice and determine the soil strata
- iii. Assess need and demand for particular service along with the expected impact & outcome.
- iv. Preparation of comprehensive designs and DPRs for infrastructure projects as required.
- v. Reconfirm the desired service level improvements through the respective sub-projects and in accordance with such desired levels, finalize/update the preliminary engineering designs and prepare detailed engineering designs and drawings. While preparing the designs, follow the Sector Investment Guidelines prepared by SPV if any or else follow standard engineering practices. The designs and drawings shall be sufficiently detailed to enable the SPV and the contractor for easy interpretation and execution of the works. The detailed designs and working drawings prepared along with necessary test reports shall be incorporated into a detailed design report, to be submitted for the approval of the SPV/Government. All necessary calculations shall be prepared to determine and justify the engineering solution proposed for each subproject / component, and the same shall be incorporated in the design reports. The design should also include life cycle cost analysis.
- vi. Ensure quality planning through good engineering practices and adoption of appropriate design standards.
- vii. Prepare all detailed cost estimates as per the prevailing PWD/ other applicable Schedule of Rates, (R&B, NH, Irrigation, etc), and where such Schedule of Rates are not available prepare data rates based on market rates.
- viii. Prepare designs for Infrastructure projects, especially of water supply, underground drainage system using standard software's like WaterCAD, WaterGem, SewerCAD, SewerGem or equivalent.

- ix. Prepare appropriate tender packages, procurement and implementation plan in consultation with SPV/APCRDA.
- x. Prepare implementation schedules for each contract package considering working season, critical activities of construction etc and suggest financial flow. (Disbursement schedule).
- xi. Project cost must take into account market prices, and must include estimated price escalation, depending on the proposed implementation schedule for the works.
- xii. Prepare detailed specifications and bill of quantities (BoQs) for all items of works, goods and equipment.
- xiii. Preparation of the designs and cost estimate should be accurate and that during execution – contract variation if any, shall not be beyond 10% above or below the estimated costs. The PMC will have to justify any such variations going beyond 10%.

**b. Detailed Project Reports and detailed engineering for PPP Projects:**

1. Phase I - Technical Due Diligence.
  - 1.1. Basic Design and Assessment of Capex.
  - 1.2. Project Documentation and preparation of concession agreement.
  - 1.3. Technical Review of the bids submitted by EPC contractor.
  - 1.4. Assist SPV in signing Concession Agreement.
2. Phase II – Pre-Construction Phase  
Acts as owners engineer and review and opine on the construction related activities as follows:
  - 2.1. Construction schedule including construction and payment milestones and contractors' and subcontractors' execution plans;
  - 2.2. Assessment of reasonableness of Project Cost estimation (including potential scenarios of cost overruns), including spare parts;
  - 2.3. Safety assurance program; QA & QC activities.
  - 2.4. Site conditions, including site accessibility as well as adequacy of the available infrastructure (ports, roads, vehicles) to transport to the Project site the different components of the wind farm including the turbines;
  - 2.5. Review of the commissioning and start-up plan including performance testing and acceptance criteria. The PMC should plan to observe and attend the full plant commissioning.

2.6. Provide an independent estimation of the Project completion date as well as recommendation for delay contingencies.

**c. Project Finance:**

- i. Review financing and implementation plan of Smart City Proposal and assess project cost estimates, financing requirements, future cash flows, and sources of funds and financing modalities.
- ii. Develop revenue model for SPV, identify revenue streams, support SPV to operationalize revenue streams such as user fees, beneficiary charges and impact fees, land monetization, debt, loans, etc.
- iii. Develop financial models, capital investment plans, finance and operating plans and resource mobilization strategy for smart city sub projects.
- iv. Support SPVs to conceptualize and implement financing instruments and tools such as municipal bonds with credit rating of APCRDA, pooled finance mechanism, tax increment financing (TIF), transit oriented development, transfer of development rights (TDR), FSI incentives etc. to raise financial resources from the market and attract private investments.
- v. Support SPV to access financing from State government institutions and Financing Institutions and other government and quasi-government sources as per need.
- vi. Support SPV in dovetailing with other ongoing Government schemes for technical completeness.
- vii. Develop business cases and bankable projects to leverage borrowings from financial institutions and potential investors, including but not limited to bilateral and multilateral development aid institutions.
- viii. Support Employer in identifying and reaching out potential partners and investors and organizing investment road shows and shall also ensures funding tie-ups.
- ix. Support Employer in preparing financial pitches to potential investors.

**d. Operation and Maintenance (O&M) & Financial Assessments:**

- i. Review O&M options and prepare a strategy for improved implementation, including technical procedures to ensure efficiency and sustainability and proper financial, accounting and managerial arrangements for O&M.

- ii. Examine the current provision of the subproject services, and propose/design the institutional arrangements. Hence, as part of the same, the consultant shall undertake:
  - ii.i. A detailed institutional assessment of those departments/sectors within the SPV where the proposed intervention is focused on. This will include an assessment of institutional structure and systems, procedures, human resources, types of IT systems, etc.
  - ii.ii. In addition, this will also include a financial assessment in terms of extent of O&M costs involved (before and after the project) and budgets, extent of cost recovery in case of sectors where user charges are involved, tariff implications and modelling of various scenarios; including financial projections for 5-10 years.
  - ii.iii. Based on the aforesaid assessment, the Consultant will arrive at an O&M plan for each sector where intervention is proposed, including a plan for routine and recurring operations (costs for O&M etc), action plan for maintenance, etc, a human resource plan and strategies for meeting institutional capacity gaps (outsourcing, new IT systems, new staff positions, etc.); The same shall include financial analysis for the proposed subprojects working out the financial means to cover O&M expenses, and designing the respective mechanisms (for instance tariffs in water, budget allocations in roads) to guarantee reliable adequate funding during the O&M period.
  - ii.iv. The Consultant shall update the financial assessments for the ULB carried out during the SCP process, based on updated sub-project costs, sources of finance/financing plan, revised repayment schedules if any, sub-project related cash-flow statements etc.
  - ii.v. The output from the aforesaid exercise shall be a Financial & Operating Plan (FOP) for the SPV as a whole, including 5-10 year financial projections separately for both the operating and capital budgets (a capital investment plan), taking into account also the likely impact of the prioritized sub-project proposed to be undertaken over the medium term.
  - ii.vi. This will include financial impact of service improvement interventions in terms of additional costs / revenues, etc.

**e. Environment Safeguards:**

Conduct and prepare environmental impact assessment and management plans. The Environmental Assessment shall necessarily

(but not limited to) cover the following details:

- i. Review applicable environmental laws/rules/regulations with a view to define the specific clearances/approvals required to be obtained by APCRDA/SPV and contractors from different organizations. Also prepare and facilitate necessary documentation on behalf of the SPV to obtain necessary statutory clearances/approvals.
- ii. Screen the proposed sub-projects to identify sensitive environmental features and obtain relevant baseline information/data specific to the sub-project. The data collected shall include primary as well as secondary data for meaningful environmental assessment.
- iii. Based on the screening, define specific environmental concerns/issues to be addressed and conduct meaningful stakeholder consultations at various stages of sub- project’s preparation.
- iv. Analyze the possible alternatives for the sub-project components (e.g. Infrastructure project, UGD/Road network alignments, source of water, setting of STPs, disposal points, etc.)
- v. Cost effective mitigation measures in the form of implementable and budgeted EMP and integration of the same in to bidding documents (bidding documents shall necessarily integrate EMP in the form of Technical specification. drawings, BOQ items, etc.)
- vi. Define monitoring plan for the proposed EMP, responsible institutions. Such plans shall reflect the requirements during construction and operational phases.

**f. Social Safeguards:**

Conduct and prepare Social Impact Assessment and management plans. The Social Assessment shall necessarily (but not limited to) cover the following details:

- i. Screen the proposed sub projects to identify sensitive social features and obtain relevant baseline information specific to the sub project.
- ii. Based on the screening, define specific social concerns/issues to be addressed and categorization of the sub project and conduct meaningful stakeholder consultations at various stages of sub-project’s preparation.
- iii. Conduct socio-economic survey among the affected population with potentially adverse social impacts.
- iv. Confirm the requirement of land to be acquired for each sub-project (land required for the sub-project would have been tentatively



- identified by the SCP consultants) and estimate cost implications of such land acquisition.
- v. Analyze the possible alternatives for the sub-project components (e.g. Infrastructure projects, UGD/Road network alignments, source of water, setting of STPs, disposal points, etc.) with a view to minimizing adverse social impacts.
  - vi. Assist APCRDA/SPV in getting clearances from the other government departments where ever necessary.
  - vii. When required, confirm the requirement of land to be acquired for each sub-project and estimate cost implications of such land acquisition, including rehabilitation & resettlement plan.
  - viii. Training of APCRDA/SPV staff on procurement, planning and engineering.

**g. Procurement:**

The PMC would be required to comprehensively assist the SPV in procurement of goods/equipment/Hardware/Software/works (as per tasks listed below), as per GoAP guidelines, in the context of implementation of smart city sub-projects.

- i. Prepare procurement plan duly indicating method of procurement.
- ii. Prepare the necessary procurement documentation as per the GoAP guidelines and GoAP procurement Policy. The tender and contract documents shall include instruction to bidders; pre-qualification criteria, general and special conditions of contract, technical specifications, bill of quantities, good for construction drawings, and forms of contract agreement. The specifications will be detailed and use locally applicable standards (CPHEEO, IS, IRC, MORTH, etc). The bill of quantities will be based on detailed calculations of quantities and estimate based on (i) schedule of rates and (ii) market prices. The tender documents will also take into account the Environment Management Plan (EMP), if applicable, for the sub-project.
- iii. Assist SPV in pre-qualification, pre-bid meetings, issuance of addendums/corrigendums, bid opening and evaluation including preparation of evaluation reports, award of bids, and any other assistance as may be required for overall management of bidding process.
- iv. Assist the SPV in the negotiations as appropriate with the successful bidders and award of tender.

### **6.4.3 Phase-II: Implementation Assistance:**

Providing implementation assistance, which includes (but not limited to):

- i. Preparation of Implementation Plan with roles and responsibilities of each of the stakeholders.
- ii. Acting as an early warning system for the APCRDA/SPV.
- iii. Contract management, progress monitoring & reporting. The Consultant shall submit monthly & quarterly planned & progress report throughout the duration of the project in the format acceptable to the client, as and when required by the client.
- iv. Scrutinize the Contractor’s detailed work programme and guide the contractor in preparation supervision schedule & work plan for each sub-project.
- v. Assess the adequacy of the contractors input in material, labour and construction methodology and provide advisories when required.
- vi. Monitor the implementation of environmental standards and safeguards and resettlement plans, if any.
- vii. Assist the Employer in final certification of the bills for payment
- viii. Assistance for resolution of all contractual issues including examining the contractors claims for variations/extensions or additional compensations etc and prepare recommendations for approval by the Employer.
- ix. Assist third party inspections, if necessary, as decided by the Employer.
- x. Proof checking & issuance for execution of contractors design and drawing for all types of contract.
- xi. Review and finalize the “as built” drawings submitted by Contractor.
- xii. Assist the Employer in issue of completion certificates
- xiii. Prepare monthly project progress reports describing the physical and financial progress of each subprojects, highlighting impediments to the quality and progress of the works and remedial accounts.

The consultant shall comply & carry out the assignment as per the guidelines issued by MoUD/GoAP/SPV from time to time over the entire period of the contract.

#### **a. Sub-Project Implementation Management:**

- i. Prepare Project Implementation framework highlighting the roles and responsibilities various stakeholders of project, contract management procedures;
- ii. Disseminate the same to all stakeholders of the project by conducting workshops.

- iii. Provide technical, financial and project management advice to the SPV for preparing sub- project implementation management checklist. This checklist would be focusing on the procurement management, contract management, time and input management and social and environmental management with regard to actions to be initiated for smooth and timely implementation.
- iv. Oversee the sub-project performance, physical and financial, from the date of Project commencement and report to the APCRDA/ SPV periodically.
- v. Prepare quarterly sub-project budgets including financial allocations to sub-projects and sub- project accounting. Prepare monthly monitoring reports for submission to APCRDA/SPV. The budgetary requirement and achievement should be on quarterly basis and should be for both calendar year and financial year.
- vi. Suggest mid-course corrections as required for sub-project control.
- vii. Prepare O&M Plan for the assets created.
- viii. Assist the APCRDA/SPV staff on establishing and operationalizing the institutional and financial arrangements envisaged for O&M.
- ix. During the PMC’s contract period, assist the APCRDA/SPV in overseeing contractor’s responsibilities during defect liability period.

**b. Training:**

Training of APCRDA/SPV staff on procurement, planning management and engineering related to project implementation as well as O&M phase.

**c. Legal:**

- i. Assist APCRDA/SPV in addressing and complying with all legal, statutory and mandatory requirements with regard to social and environmental issues.
- ii. Assist APCRDA/SPV in interpreting and applying the various legal provisions of the contract documents, and in amicably resolving disputes.
- iii. Assist APCRDA/SPV in getting clearances from the other government departments/ agencies where ever necessary.

## **6.5 Time Frame for the Agreement:**

The overall duration of the engagement will be 3 years, extendable by another 2 years on an yearly basis, depending on the requirements to complete the projects.

**6.6 Output, Deliverables, Payment Terms:**

The following outputs are expected to be delivered in stages in total duration of assignment. The details are provided in Appendix – C of Contract Document

**6.7 Team Composition - Please Refer –Appendix – B of Contract Document**

- i. The key experts & relevant Additional Resources shall be present in the city throughout the project period.
- ii. At the time of preparation of DPRs, relevant Additional Resources are to be stationed in the city for an appropriate period based in the nature of projects and sub-projects.
- iii. During implementation supervision phase, 2 site engineers need to be stationed permanently in the city.
- iv. A detailed deployment plan shall be submitted in the Methodology & work plan. The breakup of cost for the said deployment to be provided in detail as provided in the template as part of the financial quote.

Note:

1. The Consultant may deploy additional staff as per requirement. But no additional payment shall be made. It is assumed that the Consultant has taken into consideration any such payment in the Financial Proposal as it's a deliverable based payment mechanism.

**6.8: Post Implementation support:**

The Consultant shall provide post implementation support period of the project as per the scope of work and the instructions (written) given by the client.

**6.9: Time Schedule and activity wise Deliverable:**

| <b>S No.</b> | <b>Activity wise Deliverable</b>   | <b>Time period (To date of signing of Contract)</b>    |
|--------------|--|--|
| 1            | <i>Activity 1:</i> Concept preparation, & Draft feasibility report containing structure & preliminary financials   | T <sub>0</sub> + 30 days                               |
| 2            | <i>Activity 2:</i> Detailed Feasibility Study, Financial model, Project structure justification (EPC/PPP), First Stage approval of the project                       | T <sub>0</sub> + 60 days                               |
| 3            | <i>Activity 3:</i> Draft DPR   | T <sub>0</sub> + 90 days                               |
| 4            | <i>Activity 4:</i> Bid documents, draft Contract/Concession Agreement  | T <sub>0</sub> + 90 days                               |
| 5            | <i>Activity 5:</i> Final Approved DPR, Bid Documents (EOI, RFQ, RFP as applicable), Contract/Concession Agreement, including Approval of all the above by the Client | T <sub>0</sub> + 120 days                              |
| 6            | <i>Activity 6:</i> Successful running of the bid process, signing of Contract/Concession Agreement + Financial Closure for PPP project by developer (if applicable)  | T <sub>0</sub> + 180 days                              |
| 7            | <i>Activity 7:</i> Supervision during the execution of the project   | Till the end of completion of execution of the project |

|   |  |   |
|---|--|---|
| 8 | <b>Activity 8: Support during Operations stage / Post-implementation phase</b> | Till one year after start of official commercial operations or issuance of completion certificate (whichever is applicable) |
|---|--|---|

**NOTE**

1. There will a set of fast track modules, which will be decided by mutual discussion and agreement of the client and the consultant. The consultant will be required to prepare, submit and get approval of the bid documents for these set of fast track modules within a period of 3 months from the date of signing of the contract.
2. In addition to above, the Consultant will submit monthly progress reports at the end of each month during the course of assignment mentioning status/ progress of work, activities performed, and issues resolved/to be resolved related to assignments during the month.
3. The Consulting firm will be responsible to:
  - a) Arrange for fully equipped office and office operation related facilities for project development team.
  - b) Arrange for data collection, survey and investigation, preliminary design, report preparation of reports for projects modules
  - c) Arrange for communication related to contract, data processing, computers, printing equipment and necessary stationeries.
  - d) Arrange for all transportation and travelling including local travel required for the assignments to perform the consultancy services/job.

### **Schedule I. Smart City Projects**

| <b>Sl</b> | <b>Project Category</b> | <b>Project Title</b>   | <b>Sector/Area</b> |
|-----------|-------------------------|--|--------------------|
| 1         | Pan City Project        | Intelligent Transport System   | ICT project        |
| 2         | Pan City Project        | ICT Based projects across the city   | ICT project        |
| 3         | Pan City Project        | E-Governance & Citizen Service App - People's Precinct   | ICT project        |
| 4         | Pan City Project        | Integrated Command Control Centre  | ICT project        |
| 5         | Pan City Project        | Appliance-level monitoring of Power usage  | ICT project        |
| 6         | Pan City Project        | Smart Education  | ICT project        |
| 7         | Pan City Project        | Smart and Integrated Healthcare System   | ICT project        |
| 8         | Pan City Project        | Amaravati Citizen Card   | ICT project        |
| 9         | Pan City Project        | Smart Poles  | ICT project        |
| 10        | Pan City Project        | Bus Rapid Transit System   | Transportation     |
| 11        | Pan City Project        | Smart Bus shelters (other than BRTS bus stations)  | Transportation     |
| 12        | Area Based Development  | Personal Rapid Transit System  | Transportation     |
| 13        | Pan City Project        | E-Vehicles (E-buses, E-cars, E-Autos, E-bikes) + Charging Infrastructure                             | Transportation     |
| 14        | Area Based Development  | Ferry Service (Inland Canals + Vijayawada-Amaravati)   | Transportation     |
| 15        | Pan City Project        | Smart Parking  | Transportation     |
| 16        | Pan City Project        | Public Bicycle Sharing   | Transportation     |
| 17        | Area Based Development  | Smart/Renewable Energy Park  | Urban Design       |
| 18        | Area Based Development  | Holistic Wellness Centre   | Urban Design       |
| 19        | Area Based Development  | Street vending zone  | Urban Design       |
| 20        | Area Based Development  | RWH & Rain Gardens/Bio-Retention Ponds   | Urban Design       |
| 21        | Pan City Project        | Public Spaces/Parks/Eco-park with Open Gym, activity center & leisure spaces/Toddler-friendly spaces | Urban Design       |
| 22        | Pan City Project        | Roller-skates friendly pathways  | Urban Design       |
| 23        | Pan City Project        | Interactive Smart Street Furniture   | Urban Design       |
| 24        | Area Based Development  | Floating Markets   | Tourism            |
| 25        | Area Based Development  | Craft Bazaar (Delhi Haat model)  | Tourism            |
| 26        | Area Based Development  | River Front Tourism  | Tourism            |
| 27        | Area Based Development  | Dakshinachitra (Chennai model)   | Tourism            |
| 28        | Area Based Development  | Senior Citizen Lifestyle / Retirement Home   | Lifestyle project  |
| 29        | Pan City Project        | Solar Energy Generation & Implementation Strategy for the city                                       | Energy/Utilities   |
| 30        | Pan City Project        | Bio-Toilets  | Energy/Utilities   |

|    |                        |   |                      |
|----|------------------------|---|----------------------|
| 31 | Pan City Project       | Smart Municipal Solid Waste Management (Smart Garbage bins, Segregation at Source, Smart collection using E-rickshaws, Composting/Recycling) - MSW Rules 2016 | Energy/Utilities     |
| 32 | Pan City Project       | Renewable Energy Strategy for the city  | Energy/Utilities     |
| 33 | Pan City Project       | City Gas Distribution Network - Implementation strategy   | Energy/Utilities     |
| 34 | Area Based Development | Amaravati Transnational Skilling Centre   | Skilling / Awareness |
| 35 | Pan City Project       | Information, Education & Communication project (ICE) - Cycling, Solid Waste Management, Tourism, Smart Poles, Citizen App, Smart Card, etc.                   | Skilling / Awareness |

Note:

- 1) The list shown above is only tentative and for guidance as envisaged for development of Amaravati Capital City. However, the Smart City Proposals/ Projects/ Sub Projects /Modules are subject to change as per the current and future requirements.
- 2) Projects in the above list are subject to being sub-divided into two or more smaller components as deemed necessary by the Client & considering practical requirements, in which case the Consultant would be entitled for a pro-rata payment for every such small component of the project in line with terms of this RFP/Contract.
- 3) Projects in the above list are subject to being implemented in phases as deemed necessary by the Client and based on practical requirements, in which case the Consultant would be entitled for a pro-rata payment for every phase within that project in line with terms of this RFP/Contract.
- 4) There is a possibility that a new project gets added onto the list of projects in Schedule-I based on client requirement, for which the Consultant would be entitled for a payment of a similar project from the above list. For this purpose, the project from the above list which is closest to the new project in terms of nature of the project & man-days envisaged would be considered for payment at the sole discretion of the Authority and shall be final and binding on the consultant.
- 5) For pricing of each of the above project in the Financial Proposal, the Consultant is supposed to present the detailed back-up working including the man-months of each Key Expert & Additional Resource required for every stage/sub-stage of payment for the project. For this purpose, the Consultant is free to include names/details & man-months of any other expert(s) over and above the list of Key Experts and Additional Resource Pool suggested by the Client.



**SCHEDULE-II: SMART CITY PROJECTS SUBMITTED TO MOUD UNDER  
SMART CITIES MISSION**

| <b>Sl. No.</b> | <b>Category</b>                            | <b>Project Class</b> | <b>Component</b>  |
|----------------|--|----------------------|---|
|                | <i>MICRO-CLIMATE</i>                       |                      |   |
| 1              |  | Masterplanning       | Detailed Masterplanning   |
| 2              |  | Masterplanning       | Preparation of Green building and sustainability norms, including rainwater harvesting                          |
| 3              |  | Smart Intervention   | Sensors and thermal radars to monitor environment data to monitor and stabilise micro-climate                   |
| 4              |  | Smart Intervention   | Automated sprinkler system for Urban irrigation   |
|                | <i>URBAN MOBILITY WITH EMPHASIS ON TOD</i> |                      |   |
| 5              |  | NMT                  | 6 Cycle docks with 20 smart cycles at each dock   |
| 6              |  | Transportation       | 50 Electric buses   |
| 7              |  | Transportation       | 12 bus stops incl. PIS and amenities  |
| 8              |  | NMT                  | Pedestrian Walkways incl. smart street furniture viz. perforated walkways, pavement lighting and tactile paving |
| 9              |  | Streetscaping        | Smart street infrastructure incl. pavement  |
| 10             |  | Parking              | Multi-level car park with Smart parking and solar roof-top  |
|                | <i>BLUE-GREEN</i>                          |                      |   |
| 11             |  | Blue-Green           | 50,000 sq.m of Bio- retention ponds   |
| 12             |  | Blue-Green           | 1 bio-park with local plant species and active recreational facilities  |
| 13             |  | Blue-Green           | Canal front development   |
| 14             |  | Blue-Green           | River front   |

| <b>Sl. No.</b>                   | <b>Category</b> | <b>Project Class</b>        | <b>Component</b>   |
|----------------------------------|-----------------|-----------------------------|--|
| <i>SOCIAL INCLUSION &amp; ED</i> |                 |                             |  |
| 15                               |                 | Activity centers            | Crafts Bazaar  |
| 16                               |                 | Vibrant Public spaces       | City squares   |
| 17                               |                 | Activity centers            | 3 retail center of 20,000 sq.ft. each                                      |
| 18                               |                 | Vibrant Public spaces       | Wifi router + Charging points + outdoor seating - powered by Solar power   |
| <i>BASIC SERVICES</i>            |                 |                             |  |
| 19                               |                 | Smart street infrastructure | Intelligent street lighting along 50m and 24m roads powered by Solar power |
| 20                               |                 | Utilities                   | CCTVs at every 200m along 50m and 24m roads                                |
| 21                               |                 | Utilities                   | Smart drinking water taps at every bus stop and public spaces              |
| 22                               |                 | Utilities                   | Underground dustbins every 0.25 km along the roads                         |
| 23                               |                 | Healthcare                  | 1 Model PHC with <10 mins emergency response time                          |
| 24                               |                 | Sanitation                  | Bio- toilets with accessibility for differently abled                      |
| 25                               |                 | Advertisements              | Digital hoarding boards  |
| <i>IMPROVED GOVERNANCE</i>       |                 |                             |  |
| 26                               |                 | IT services                 | Performance Management portal  |
| 27                               |                 | IT services                 | People's precinct app including supporting infrastructure                  |
| 28                               |                 | IT services                 | Command and Control center   |

| <b>Sl. No.</b> | <b>Category</b> | <b>Project Class</b> | <b>Component</b>  |
|----------------|-----------------|----------------------|---|
|                | <i>PAN CITY</i> |                      |   |
| 29             |                 | Smart light pole     | Smart light pole with LED lights, Solar panel and CCTV camera |
| 30             |                 | Mobility             | Smart electric buses with GPS                                 |
| 31             |                 | Water supply         | Household smart meter connections                             |
| 32             |                 | Water supply         | Commercial and industrial smart meters                        |
| 33             |                 | Water supply         | Customer Survey   |
| 34             |                 | Water supply         | Digitisation of distribution network                          |
| 35             |                 | Water supply         | Bulk Metering at each zone (DMA)                              |
| 36             |                 | Water supply         | SCADA   |
| 37             |                 | Water supply         | Mobile app, IVR, website, and database                        |
| 38             |                 | Water supply         | Sensor loggers for Leak Detection                             |
| 39             |                 | Water supply         | Flood Detection sensors                                       |

**SECTION - 7**

**STANDARD FORM OF CONTRACT**

***Project Name:* Implementation of Smart City Project under Smart City Mission for Amaravati Smart City**

**Name of Assignment:  
Selection of Project Management Consultant (PMC) for Design, Develop, Manage and Implementing Smart city Projects for Amaravati Smart City Limited**

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**CONTRACT FOR CONSULTANT’S SERVICES**  
**Time-Based linked with performance**

**Project Name: Implementation of Smart City Project under Smart City  
Mission for Amaravati Smart City**

**Contract No.** \_\_\_\_\_

**between**

**Amaravati Smart City Limited**

**and**

*[Name of the Consultant]*

**Dated:**

## I. Form of Contract

### TIME-BASED PERFORMANCE LINKED

(Text in brackets [ ] is optional; all notes should be deleted in the final text)

This CONTRACT (hereinafter called the “**Contract**”) is made the [number] day of the month of [month], [year], between, on the one hand, Amaravati Smart City Limited (hereinafter called the “**Client**”) and [insert name of Consultant], a [company/firm] duly [incorporated/registered] under the provisions of [●], with its registered/principal office at [●], on the other hand, (hereinafter called the “**Consultant**”).

#### WHEREAS

- (a) The city of Amaravati has been selected to be developed into a smart city under the third phase of the Smart Cities Mission launched by the Ministry of Urban Development, GoI. The Client is the Special Purpose Vehicle incorporated to implement the Smart Cities Mission in Amaravati in accordance with the Smart City Proposals / Projects listed in Schedule-I and Schedule-II. The Smart City Proposals include the area based proposals for a particular area which will be improving livability of the whole city and also Pan city based proposals which will be provide the smart solutions.
- (b) The Client has, by way of its request for proposal for **Selection of Project Management Consultant (PMC) for Design, Develop, Manage and Implementing Smart city Projects for Amaravati Smart City Limited** issued on [date] (hereinafter called the “**RFP**”), invited proposals for providing certain consultancy services for the Area Based Development Projects as defined in this Contract (hereinafter called the “**Services**”).
- (c) The Consultant submitted its proposal dated [insert date] in response to the RFP for award of the Contract (the “**Proposal**”), whereby the Consultant represented to the Client that it has the required professional skills, expertise and technical resources and is willing to provide the Services on the terms and conditions set forth in this Contract.
- (d) The Client has, by way of a letter of award dated [insert date] (the “**LOA**”), accepted the offer of the Consultant to provide the Services on the terms and conditions set forth in this Contract.

NOW THEREFORE, the Parties hereto hereby agree as follows:

1. The following documents shall constitute the Contract:
  - (i) The Special Conditions of Contract;
  - (ii) The General Conditions of Contract(including Attachment 1 “Corrupt and Fraudulent Practices);
  - (iii) Appendices:
    - Appendix A:Terms of Reference
    - Appendix B:Key Experts & Additional Resource Pool
    - Appendix C: Remuneration Cost Estimates
    - Appendix D:Form of Performance Security
    - Appendix E: Services Schedule
    - Appendix F: Smart City Proposals
  - (iv) RFP;
  - (v) LOA; and
  - (vi) the Proposal.

All of the foregoing documents are referred to herein as the Contract. In the event of a conflict, ambiguity or discrepancy between:

- (a) the contents of the Contract, the document specified earlier in the list set out above shall prevail over the latter documents;
  - (b) between two or more Clauses of the Contract, the provisions of a specific Clause relevant to the issue under consideration shall prevail over those in other Clauses;
  - (c) between any two appendices, the appendix relevant to the issue shall prevail; and
  - (d) between any value written in numerals and that in words, the latter shall prevail.
2. The mutual rights and obligations of the Client and the Consultant shall be as set forth in the Contract. In particular,
    - (a) the Consultant shall carry out the Services in accordance with the provisions of the Contract; and



- (b) the Client shall make payments to the Consultant in accordance with the provisions of the Contract.

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

For and on behalf of *Amaravati Smart City Limited*

\_\_\_\_\_  
*[Authorized Representative of the Client – name, title and signature]*

For and on behalf of *[Name of Consultant]*

\_\_\_\_\_  
*[Authorized Representative of the Consultant – name and signature]*

## II. General Conditions of Contract

### A. GENERAL PROVISIONS

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#### 1. Definitions

Unless the context otherwise requires, the following terms whenever used in this Contract have the following meanings:

- (a) “Activity” means an activity or action specified in the Terms of Reference, which is to be performed by the Consultant as a part of the scope of Services.
- (b) “Additional Resource” means the members from list of additional resources listed in Appendix-B or any professional and support staff, in addition to the Key Experts or Additional Resource Pool, who may be engaged by the Consultant to provide the Services.
- (c) “Applicable Law” means all laws in force and effect in India, as on the date of the Contract, or which may be promulgated or brought into force and effect after the date of the Contract, including all regulations, rules and notifications made thereunder and all judgments, decrees, injunctions, writs, orders, directives and notifications issued by any court or Authority, as may be in force and effect during the subsistence of the Contract and applicable to either Party, their obligations or this Contract, from time to time.
- (d) “Affiliates” means, in relation to the Consultant, a Person who Controls or is Controlled by such Consultant, or a Person who is under the common Control of the same Person who Controls such Consultant.
- (e) “Authority” means the GoI, GoAP or any local authority or any department, instrumentality or agency thereof or any statutory body or corporation (to the extent acting in a legislative, judicial or administrative capacity and not as a contracting party with the Client or the Consultant) or commission under the direct or indirect control of the central, state or local government or any political subdivision thereof or any court, tribunal or judicial body within India.
- (f) “Breakage Costs” means the amount payable by the Client to the Consultant that is attributable to the losses, costs, claims and expenses that have been or will reasonably and properly be incurred by the Consultant in respect of: (i) any contracts placed that cannot be terminated, without such losses, costs, claims and expenses being incurred; and (ii) any expenditure incurred in anticipation of the performance of the Services, provided however that the Consultant has used its reasonable endeavors to mitigate the losses, costs, claims and expenses incurred, as a result of the termination of the Contract due to a Client default (as set out in

Clause 18.1.5), to the extent that such losses, costs, claims and expenses are or may be incurred in connection with the performance of the Services.

For the avoidance of doubt, the Breakage Costs shall mean any losses, costs, claims and expenses incurred or to be incurred in respect of: (i) any contracts placed that cannot be terminated, without such losses, costs, claims and expenses being incurred; and (ii) any expenditure incurred in anticipation of the performance of the Services, provided however that the Consultant has used its reasonable endeavors to mitigate the losses, costs, claims and expenses incurred.

- (g) “CEO” means the Chief Executive Officer of the Client.
- (h) “Clause” means a clause of the GCC, as may be supplemented by the SCC.
- (i) “Client” shall have the meaning ascribed to it in the preamble of the Contract.
- (j) “Client Event of Default” has the meaning ascribed to it in Clause 18.1.5.
- (k) “Client Indemnified Party” has the meaning ascribed to it in Clause 19.1.
- (l) “Communication” has the meaning ascribed to it in Clause 6.1.
- (m) “Completion Certificate” means the certificate issued or deemed to be issued by the Client to the Consultant to certify satisfactory completion of the Services and handover of the monitoring, supervision and control over the implementation of the Smart City Projects to the Client or any other agency nominated by it, in accordance with Clause 41.7.
- (n) “Conflict of Interest” shall have the meaning ascribed to it in Clause 21 read with clause 3 of section 1 of the RFP.
- (o) “Consultant” shall have the meaning ascribed to it in the preamble of the Contract.
- (p) “Consultant Event of Default” has the meaning ascribed to it in Clause 18.1.1.
- (q) “Consultant Indemnified Party” has the meaning ascribed to it in Clause 19.2.
- (r) “Contract” shall have the meaning ascribed to it in clause 1 of the Form of Contract.
- (s) “Control” in relation to a Person, means: (i) the ownership, directly or indirectly, of more than 50% of the voting shares of such Person; or (ii) the power, directly or indirectly, to direct or influence the management and policies of such Person by

operation of law, contract or otherwise. The term “Controls” and “Controlled” shall be construed accordingly.

- (t) “Day” means a working day unless indicated otherwise.
- (u) “Delay Event” has the meaning given to it in Clause 29.3.
- (v) “Deliverable” means a work product (including reports, software, know-how, design, drawings, diagrams, maps, models, specifications, analysis, solutions, data base, programmes, technical information, data and other documents) to be prepared and submitted by the Consultant as a part of the Services, in accordance with the terms of this Contract and the term “Deliverables” shall be construed accordingly. The list of Deliverables to be provided by the Consultant is set out in the Terms of Reference.
- (w) “Deliverable Acceptance Certificate” means a certificate issued by the Consultant to the Client upon the Client’s approval of the relevant Deliverable, which may be endorsed by the Client in accordance with Clause 41.4.
- (x) “Deliverable Due Date” means, with respect to a particular Deliverable, the date by which such Deliverable (in a final and approved form) is required to be submitted by the Consultant to the Client for all the Modules, as specified in the Services Schedule.
- (y) “Effective Date” means the date on which this Contract comes into force and effect pursuant to Clause 10.
- (z) “Expert Pool” means the team of Key Experts engaged by the Consultant, to perform the Services, which at a minimum must include such number of Key Experts, as specified in Appendix B and Form TECH-4 of the RFP.
- (aa) “Force Majeure” shall have the meaning ascribed to it in Clause 16.
- (bb) “GCC” means these General Conditions of Contract.
- (cc) “GoAP” means the Government of Andhra Pradesh
- (dd) “GoI” means the Government of India.
- (ee) “Good Industry Practices” means the exercise of that degree of skill, diligence and prudence, and those practices, methods, specifications and standards of safety and performance, as may change from time to time and which would reasonably and ordinarily be expected to be used and exercised by a skilled and experienced consultant engaged in the performance of services of the type, size and nature similar to the Services.

- (ff) “Indemnified Party” has the meaning ascribed to it in Clause 19.3.
- (gg) “Indemnifying Party” has the meaning ascribed to it in Clause 19.3.
- (hh) “Intellectual Property Rights” means, in respect of the Services, any copyright, trademarks, technology, know-how, industrial processes, proprietary information, licenses, patents, permissions from or agreements with licensors of any processes, methods and systems incorporated or to be incorporated in the performance of the Services, registered designs, franchises, trade secrets, data bases, source codes, brand names, service marks, trade names, and any other intellectual and industrial property rights, whether registrable or not, subsisting or recognized under the Applicable Law or laws of any other jurisdiction, including all applications, renewals, extensions and revivals thereof.
- (ii) “Key Expert” means an individual engaged by the Consultant, as a part of the Expert Pool, to provide the Services or any part thereof, who has the minimum qualification and experience as specified in the Appendix B for the position that such individual holds in the Expert Pool and whose curriculum vitae (CV) was evaluated as a part of the Consultant's Technical Proposal and approved by the Client at the time of finalization of the Contract.
- (jj) “LOA” has the meaning ascribed to it in recital (d) of the Contract.
- (kk) “Local Currency” means the official currency of India (i.e., Indian Rupees).
- (ll) “Module” means a component of the Area Based Development Project or Pan city based project in relation to which the Consultant is required to provide the Services, as described in greater detail in the Terms of Reference.
- (mm) “Party” means the Client or the Consultant, as the case may be, and “Parties” means both of them.
- (nn) “Payment Schedule” means the schedule for payment of the Price to the Consultant, as set out in the SCC.
- (oo) “Performance Security” means a duly executed, irrevocable and unconditional bank guarantee to be procured and maintained by the Consultant in accordance with Clause 51 read with the SCC, to secure the due and proper performance of the Contract.
- (pp) “Person” means any individual, company, corporation, firm, partnership, trust, sole proprietor, limited liability partnership, co-operative society, government company or any other legal entity.
- (qq) “Personnel” means, collectively, the Expert Pool, Program Support Team, and any other personnel of the Consultant engaged

by the Consultant to perform the Services or any part thereof under the Contract.

(rr) Deleted

(ss) Deleted

(tt) "Project Office" means the office space provided by the Client to the Consultant within the Client's office in the city of Amaravati, for the Consultant to set up its project office for the Personnel and Additional Resources, if any, who are or will be engaged to provide the Services.

(uu) "Proposal" has the meaning ascribed to it in recital (c) of the Contract.

(vv) "Remuneration" means the remuneration payable as per the payment mechanism in Clause 43.

(ww) "Reports" has the meaning ascribed to it in Clause 26.

(xx) "RFP" has the meaning ascribed to it in recital (b) of the Contract.

(yy) "Smart City Proposals" and "Smart City Projects" means the list of projects to be developed in Amaravati, as mentioned in Schedule-I, along with stage 1 and stage 2 proposals submitted by GoAP to MoUD for the selection of Amaravati as a smart city under the third phase of the Smart Cities Mission launched by the MoUD, which are appended in Schedule-II (or) any other Projects/Sub-projects that may be included based on the current/future requirements.

(zz) "SCC" means the special conditions of contract with specific details and information to supplement (and not override) the GCC.

(aaa) "Section" means a section of the Contract.

(bbb) "Services" means the work to be performed by the Consultant pursuant to this Contract, as described in Appendix A hereto.

(ccc) "Services Schedule" means the schedule showing the sequence, method and timing of execution of the Services and related activities and the Deliverable Due Dates, as set out in Appendix E.

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|   | <p>(ddd) “Taxes” means all taxes, duties, imposts, levies and charges pursuant to any law (whether currently in force or coming into force on or after the Effective Date), including income tax, GST, service tax, value added tax, central sales tax, customs duty excise duty, fees, cess, octroy, entry tax, and any interest, surcharge, penalty or fine in connection therewith.</p> <p>(eee) “Third Party” means any person or entity other than the Client and the Consultant.</p> <p>(fff) “Technical Proposal” means the technical proposal forming part of the Proposal submitted by the Consultant in response to the RFP.</p> <p>(ggg) “Terms of Reference” means the terms of reference set out in Appendix A that explain the objectives and scope of the Services, activities, tasks to be performed, respective roles and responsibilities of the Client and Consultant, and expected results and deliverables of Smart city Project.</p> <p>(hhh) “Total Value of Contract” means, collectively, the Remuneration and any Taxes payable in connection with the performance of the Services.</p> <p>(iii) “Variation” has the meaning ascribed to it in Clause 14.2.</p> <p>(jjj) “Variation Order” has the meaning to it in Clause 14.3.</p> |
| <p><b>2. Relationship between the Parties</b></p> | <p><b>2.1.</b> Nothing contained herein shall be construed as establishing a relationship of master and servant or of principal and agent as between the Client and the Consultant. The Consultant, subject to this Contract, has complete charge of the Personnel, if any, performing the Services and shall be fully responsible for the Services performed by them or on their behalf hereunder.</p>  |
| <p><b>3. Governing Law</b></p>                    | <p><b>3.1.</b> This Contract, its meaning and interpretation, and the relation between the Parties shall be governed by the Applicable Law.</p>  |
| <p><b>4. Language</b></p>                         | <p><b>4.1.</b> This Contract has been executed in the language specified in the SCC, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract.</p>   |
| <p><b>5. Headings</b></p>                         | <p><b>5.1.</b> The headings are for convenience of reference only and shall not limit, alter or affect the meaning of this Contract.</p>   |
| <p><b>6. Communications</b></p>                   | <p><b>6.1.</b> Any communication, approval, notice, report, consent, certificate or request required or permitted to be given or made</p>  |

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|  | <p>pursuant to this Contract (“<b>Communication</b>”) shall be in writing in the language specified in the SCC. Unless otherwise specified in the Contract, any such Communication shall be sent by electronic mail or facsimile transmission, with a confirmation copy by courier or registered post to the address specified in the SCC. Any Communication sent by electronic mail or facsimile shall be deemed to have been received on the date of transmission and any notice served by courier or registered post shall be deemed to be received when actually delivered to the address specified in the SCC.</p> <p><b>6.2.</b> A Party may change its address for Communication hereunder by giving the other Party notice of such change to the address specified in the SCC.</p> |
| <b>7. Location</b>                         | <p><b>7.1.</b> The Services shall be performed at such locations as are specified in Appendix A hereto and, where the location of a particular task is not so specified, at such locations, whether in India or elsewhere, as the Client may approve.</p>  |
| <b>8. Authorized Representatives</b>       | <p><b>8.1.</b> Any action required or permitted to be taken, and any document required or permitted to be executed under this Contract by the Client or the Consultant may be taken or executed by the officials specified in the SCC.</p>   |
| <b>9. Corrupt and Fraudulent Practices</b> | <p><b>9.1.</b> The Consultant shall comply with the Client’s policy in regard to corrupt and fraudulent practices as set forth in Attachment 1 to the GCC.</p>   |
| <b>a. Commissions and Fees</b>             | <p><b>9.2.</b> The Client requires the Consultant to disclose any commissions or fees that may have been paid or are to be paid to agents or any other party with respect to the selection process or execution of the Contract. The information disclosed must include at least the name and address of the agent or other party, the amount and currency, and the purpose of the commission, gratuity or fee. Failure to disclose such commissions, gratuities or fees may result in termination of the Contract and/or sanctions by the Bank.</p>   |

**B. COMMENCEMENT, COMPLETION, MODIFICATION AND TERMINATION OF CONTRACT**

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| <b>10. Effectiveness of Contract</b> | <p><b>10.1</b> This Contract shall come into force and effect on the date (the “Effective Date”) of the Client’s notice to the Consultant instructing the Consultant to begin carrying out the Services.</p> |
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| <p><b>11. Commencement of Services</b></p>    | <p><b>11.1</b> The Consultant shall confirm availability of the Key Experts &amp; relevant Additional Resource for the term of the Contract and begin carrying out the Services no later than the date specified in the SCC.</p>  |
| <p><b>12. Expiration of Contract</b></p>      | <p><b>12.1</b> Unless terminated earlier pursuant to Clause 18, this Contract shall expire at the end of such time period after the Effective Date as specified in the SCC, unless extended in accordance with this Contract.</p>   |
| <p><b>13. Entire Agreement</b></p>            | <p><b>13.1</b> This Contract constitutes the entire understanding between the Parties regarding the scope of the Services and supersedes all prior written or oral understandings, offers, agreements, communication or representations affecting the same subject matter. It is clarified that the obligations of the Consultant under the RFP shall continue to subsist and shall be deemed to form part of the Contract.</p>   |
| <p><b>14. Modifications or Variations</b></p> | <p><b>14.1.</b> Any modification or variation of the terms and conditions of this Contract, including any modification or variation of the scope of the Services, may only be made by written agreement between the Parties.</p> <p><b>14.2.</b> Both the Client and the Consultant may, at any time during the term of the Contract, propose a variation to the Services, the Terms of Reference (as set out in Appendix A), Payment Schedule and/or any other provision of the Contract (<b>Variation</b>).</p> <p><b>14.3. Client Proposed Variation</b></p> <p>(i) The Client may, at any time during the term of the Contract, instruct the Consultant, by issuing a written notice, to carry out a Variation (a <b>Variation Order</b>). Provided that, the Client shall not propose a Variation which is not technically or financially feasible, such feasibility being determined in accordance with Good Industry Practice, or any Variation that constitutes unrelated work.</p> <p>(ii) Within fifteen(15)days of receipt of a Variation Order, the Consultant shall submit a proposal setting out in sufficient detail the implications of the proposed Variation, including the (a) description of the work required or no longer required; (b) an estimate of the increase or decrease in the Total Value of Contract; (c) the Service Schedule; and (d) Payment Schedule.</p> |

(iii) Based on its review of the proposal submitted by the Consultant, the Client may: (a) accept the proposal and the corresponding adjustments to the Total Value of Contract, Services Schedule and Payment Schedule; (b) provide its comments on the proposal seeking amendments and/or justification for the implications put forth by the Consultant; or (c) reject the proposal submitted by the Consultant and withdraw the Variation Order, within seven (7) days from the date of receipt of the Consultant's proposal under Clause 14.3(ii).

(iv) If the Client accepts the Consultant's proposal under Clause 14.3(ii) of this Section, it shall issue an instruction identifying the offer that is being accepted and requesting the Contractor to proceed with the Variation. Upon the Client's acceptance of the Consultant's proposal, the Consultant shall proceed with the Variation.

(v) To the extent the Client seeks amendments and/or justification in the proposal submitted by the Consultant, the Consultant shall incorporate or address, in writing, the Client's comments and submit a revised proposal. On approval of the revised proposal in accordance with Clause 14.3(iv), the Consultant shall proceed with the Variation.

(vi) On implementation of a Variation Order, the Consultant shall be entitled to the agreed increase in the Total Value of Contract and/or adjustment to the Services Schedule or Payment Schedule for carrying out the Variation.

(vii) Notwithstanding anything to the contrary in this Clause 14.3, the Consultant shall be bound to implement any Variation that is necessitated by a Change in Law (*discussed in Clause 15 below*) and any consequent adjustment in the Total Value of Contract, Services Schedule or Payment Schedule, on account of such Variation, shall be determined in accordance with Clause 15 below.

#### **14.4. Consultant Proposed Variation**

(i) The Consultant may propose a Variation, which it considers necessary or desirable to improve the quality of the Services. While proposing a Variation, the Consultant shall submit a proposal to the Client, with a statement setting out: (a) detailed particulars of the Variation; (b) the work required or no longer required; (c) an estimate of any adjustment in the Total Value of Contract; (d) any adjustment to the Services Schedule or Payment Schedule; and (e) any other

effect the proposed Variation would have on the Services or on any other provision of the Contract.

(ii) Based on its review of the Variation proposed by the Consultant, the Client may: (a) confirm the Variation; (b) provide its comments on the proposed Variation; or (c) reject the proposed Variation, while giving reasons in writing for such rejection, within seven (7) days of the submission of the proposal for a Variation. Upon the Client's acceptance of the proposed Variation, the Consultant shall proceed with the Variation.

(iii) To the extent the Client seeks amendments in the proposed Variation, the Consultant shall incorporate or address, in writing, the Client's comments and submit a revised proposal. On approval of the revised proposal in accordance with Clause 14.4(ii), the Consultant shall proceed with the Variation.

(iv) If the Parties are unable to reach agreement regarding the terms of a Variation Order, such disagreement shall be resolved pursuant to Clause 50.

**14.5.** Notwithstanding anything contained in this Clause 14, a Variation made necessary due to any act, omission or default of the Consultant in the performance of its obligations under the Contract will not result in any increase in the Total Value of Contract or extension of any Deliverable Due Date.

**14.6.** No Variation invalidates the Contract. The Consultant agrees that a Variation may involve the omission of any part of the Services and further, the Consultant agrees that the Client may engage others to perform that part of the Services which has been omitted. The Consultant further acknowledges that any omission or omissions will not constitute a basis to allege that the Client has repudiated the Contract no matter the extent or timing of the omission(s).

**14.7.** Notwithstanding anything contained in this Clause 14, the Client shall not agree to any Variation if: (i) the Consultant seeks any Variation in its obligations which is due to any shortcoming or deficiency in the documents provided by the Consultant; (ii) the Variation relates to repeat performance of any Services due to the Consultant's failure to comply with the Client's requirements; or (iii)

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|                                 | <p>escalation in the cost of equipment, materials or the work force, other than on account of a Change in Law.</p>   |
| <p><b>15. Change in Law</b></p> | <p><b>15.1.</b> For the purposes of this Contract, “Change in Law” means the occurrence of any of the following events after the date of execution of the Contract: (i) the modification, amendment or repeal of any existing Applicable Law; (ii) the enactment, promulgation, bringing into effect, adoption of any new Applicable Law; (iii) change in the interpretation or application of any Applicable Law by any Authority; (iv) the introduction of a requirement for the Consultant to obtain any new approval or permit or the unlawful revocation of an applicable approval or permit; or (v) the introduction of any new Tax or a change in the rate of an existing Tax.</p> <p>Change in Law does not include: (i) any change in the (Indian) Income Tax Act, 1961 with regard to the taxes on the income of the Consultant; (ii) any statute that has been published in draft form or as a bill that has been placed before the legislature or that has been passed by the relevant legislature as a bill but has not come into effect prior to the date of the Contract and which is a matter of public knowledge; or (iii) a draft statutory instrument or delegated legislation that has been published prior to the date of the Contract, which is under the active consideration or contemplation of the GoI or GoAP and which is a matter of public knowledge.</p> <p><b>15.2.</b> If, after the date of this Contract, there is any Change in Law which:</p> <ul style="list-style-type: none"> <li>(i) increases the cost incurred by the Consultant in performing the Services; and/or</li> <li>(ii) affects the Services Schedule,</li> </ul> <p>then the Consultant may notify the Client and appropriate adjustments shall be made to the Total Value of Contract and/or the Services Schedule to account for the Change in Law. The notice shall be accompanied by all supporting documents, details and information required by the Client to assess the claims of the Consultant. Provided that, if a Change in Law becomes applicable as a result of a delay by the Consultant in providing the Services, other than due to a Delay</p> |

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|                                 | <p>Event, then the Consultant shall not be entitled to any adjustment in the Total Value of Contract and/or the Services Schedule.</p> <p>Where it is not possible to address the effect of a Change in Law (through an adjustment in the Total Value of Contract and/or the Services Schedule), the Parties shall agree on a mechanism, including amending the terms of the Contract, to mitigate the adverse effects of the Change in Law. If the Parties are unable to reach an agreement within thirty (30) days of the notification of a Change in Law, then the matter shall be referred to dispute resolution in accordance with Clause 50.</p>  |
| <p><b>16. Force Majeure</b></p> |   |
| <p><b>a. Définition</b></p>     | <p><b>16.1</b> For the purposes of this Contract, “Force Majeure” means any of the following events, which is beyond the reasonable control of a Party, is not foreseeable, is unavoidable, and makes a Party’s performance of its obligations hereunder impossible or so impractical as reasonably to be considered impossible under the circumstances:</p> <ul style="list-style-type: none"> <li>(i) acts of God;</li> <li>(ii) accidents, except as may be attributable to the Parties;</li> <li>(iii) earthquake, storm or flood;</li> <li>(iv) fires or explosions, except as may be attributable to the Parties;</li> <li>(v) acts of Authorities, except as may be attributable to the Parties;</li> <li>(vi) epidemics;</li> <li>(vii) war, terrorism, sabotage, civil commotions/civil disorder, or riots; and</li> <li>(viii) general strikes or lockouts or other industrial action/confiscation (which are not restricted to the Consultant or its Personnel).</li> </ul> <p><b>16.2</b> Force Majeure shall not include: (i) any event which is caused by the negligence or intentional act or omission of a Party or any Personnel or its agents or employees, (ii) any event which a diligent Party could reasonably have been expected to take into account at the time of the conclusion of this Contract, or be able to avoid or overcome in the carrying out of its obligations hereunder; (iii) insufficiency of funds or commercial hardship; and (iv) unavailability, or increase in the cost of any Personnel or component required to perform the Services, unless such unavailability or increase in costs is due to a Force Majeure event.</p> |

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| <p><b>b. No Breach of Contract</b></p> | <p><b>16.3</b>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 Contract 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 to mitigate and overcome the effects of the Force Majeure event. Performance of any obligations affected by a Force Majeure event must be resumed as soon as reasonably possible after the abatement of such Force Majeure event.</p>  |
| <p><b>c. Measures to be Taken</b></p>  | <p><b>16.4</b>A Party affected by an event of Force Majeure shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall take all reasonable measures to minimize the consequences of any event of Force Majeure.</p> <p><b>16.5</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 case not later than fourteen (14) calendar days following the occurrence of such event, providing evidence of the nature and cause of such event, and shall similarly give written notice of the restoration of normal conditions as soon as possible.</p> <p><b>16.6</b>Any period within which the Consultant is required to complete any action or task, in terms of the Services Schedule, shall be extended for a period equal to the time during which the Consultant was unable to perform such action as a result of an event of Force Majeure.</p> <p><b>16.7</b>During the period of their inability to perform the Services as a result of an event of Force Majeure, the Consultant, upon instructions by the Client, shall either:(i) demobilize, in which case the Consultant shall be reimbursed for additional costs it reasonably and necessarily incurs in demobilization, and, if required by the Client, in reactivating the Services; or (ii) continue with the Services to the extent reasonably possible, in which case the Consultant shall continue to be paid under the terms of this Contract for the part of the Services performed by it during the subsistence of the Force Majeure event and be reimbursed for additional costs reasonably and necessarily incurred in demobilizing for the part of the Services which are affected by the Force Majeure event and, if required by the Client, in reactivating such part of the Services.</p> |

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|  | <p><b>16.8</b> Not later than thirty (30) days after the Consultant has, as a 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 the appropriate measures to be taken in the circumstances.</p> <p><b>16.9</b> In the case of disagreement between the Parties as to the existence or extent of Force Majeure, the matter shall be settled according to Clause 50.</p> <p><b>16.10</b> Save and except as expressly provided in the Contract, neither Party shall be liable in any manner whatsoever to the other Party in respect of any loss relating to or arising from any event of Force Majeure or the exercise by it of any right pursuant to this Clause 16.</p> |
| <p><b>d. Prolonged Force Majeure</b></p> | <p><b>16.11</b> If a Force Majeure event affecting any Party subsists for a continuous period of one hundred eighty (180) days, the affected party may issue a notice of termination of the entire Contract or such part of the Services as is affected by the Force Majeure event, in accordance with Clause 18 below.</p>  |
| <p><b>17. Suspension</b></p>             | <p><b>17.1</b> The Client may, by written notice of suspension to the Consultant, suspend all payments to the Consultant hereunder if the Consultant fails to perform or is in breach of any of its obligations under this Contract, including the carrying out of the Services, provided that such notice of suspension: (i) shall specify the nature of the failure or breach, and (ii) shall request the Consultant to remedy such failure within a period not exceeding thirty (30) calendar days after receipt by the Consultant of such notice of suspension.</p>  |
| <p><b>18. Termination</b></p>            | <p><b>18.1.</b> This Contract may be terminated by either Party as per provisions set out below:</p>   |
| <p><b>a. By the Client</b></p>           | <p><b>18.1.1</b> A “Consultant Event of Default” means any of the events set out below, unless such event has occurred as a consequence of a default by the Client as set out in Clause 18.1.5, a Change in Law or any event of Force Majeure (“Consultant Event of Default”):</p> <p>(i) if the Consultant fails to remedy a failure in the performance of its obligations hereunder, as specified in a notice of suspension pursuant to Clause 17 within thirty (30) days of receipt of such notice of suspension or within</p>  |

- such further period as the Client may have subsequently granted in writing;
- (ii) if the Consultant becomes insolvent or bankrupt or enters into any agreements with its creditors for relief of debt or takes advantage of any law for the benefit of debtors or goes into liquidation or receivership whether compulsory or voluntary;
  - (iii) if the Client, in its sole discretion and for any reason whatsoever which reason is required to be recorded in writing, decides to terminate this Contract;
  - (iv) if the Consultant's liability to pay delay liquidated damages reaches the cap on delay liquidated damages specified in Clause 29.8 but the delay in respect of which the delay liquidated damages are payable continues to exist;
  - (v) if the Consultant fails to confirm availability of Key Experts as required in Clause 11;
  - (vi) if the Consultant replaces any Key Expert or Additional Resource in contravention of the provisions of this Contract;
  - (vii) if the Consultant has engaged in corrupt, fraudulent, collusive, coercive, undesirable or restrictive practice in bidding for or in subsequently executing the Contract;
  - (viii) if the Consultant fails to furnish, renew and/or maintain the Performance Security in accordance with this Contract;
  - (ix) if the Consultant assigns or novates its rights and obligations under this Contract without the prior written consent of the Client;
  - (x) if any of the Consultant's representations and warranties are found to be false and/or misleading; or
  - (xi) if the Consultant is in breach of any Applicable Laws.

**18.1.2** Without prejudice to other provisions of this Contract, upon the occurrence of a Consultant Event of Default, the Client may deliver a notice to the Consultant specifying the nature of the breach and giving a cure period of thirty (30) days to the Consultant to cure the Consultant Event of Default.

Provided that, in case of occurrence of a Consultant Event of Default set out in Clauses 18.1.1(ii), 18.1.1(iv), 18.1.1(vii), the Client shall have the right to terminate the Contract immediately, without any obligation to provide a cure period.



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|                                    | <p><b>18.1.3</b> Subject to Clause 18.1.2, and except in case of the event set out at Clause 18.1.1(iii), if by the end of the cure period, the Consultant has not remedied the Consultant Event of Default or taken steps to remedy the Consultant Event of Default to the satisfaction of the Client, then the Client shall have the right to issue a termination notice, upon which this Contract shall terminate forthwith.</p> <p><b>18.1.4</b> Notwithstanding anything to the contrary in this Contract, in case of occurrence of a Consultant Event of Default set out in Clauses 18.1.1(i), 18.1.1(iv) or 18.1.1(vi), to the extent such Consultant Event of Default affects one or more of the Modules but not the entire Contract, the Client shall have the right to partially terminate the Contract with respect to the Modules affected by such Consultant Event of Default and not the entire Contract. Such partial termination shall not impact the validity of the Contract or the obligations of the Consultant with regard to the Modules which are not affected by the Consultant Event of Default.</p> <p>Upon total or partial termination of the Contract for a Consultant Event of Default, the Client will have the right to engage a third party consultant to complete the Services or the Modules which have been deleted from the Consultant’s scope and the Client shall recover the incremental costs incurred by the Client in engaging a third party consultant from the Consultant.</p> |
| <p><b>b. By the Consultant</b></p> | <p><b>18.1.5A</b> “Client Event of Default” means any of the following events set out below, unless such event has occurred as a consequence of a default by the Consultant as set out in Clause 18.1.1, a Change in Law or any event of Force Majeure:</p> <ul style="list-style-type: none"> <li>(i) if the Client fails to pay any undisputed money due to the Consultant pursuant to this Contract within forty five (45) calendar days after receiving written notice from the Consultant that such payment is overdue;</li> <li>(ii) if the Client is in material breach of its obligations under this Contract and has not remedied the same within fortyfive (45) days (or such longer period as the Consultant may have subsequently approved in writing) following the receipt by the Client of the Consultant’s notice specifying such breach;</li> <li>(iii) if the Client becomes insolvent or bankrupt or enters into any agreements with its creditors for relief of debt or take</li> </ul>   |

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|  | <p>advantage of any law for the benefit of debtors or goes into liquidation or receivership whether compulsory or voluntary; or</p> <p>(iv) if the Client suspends the performance of the Services for more than sixty (60) days, for reasons not attributable to the Consultant.</p> <p><b>18.1.6</b> Without prejudice to other provisions of this Contract, upon the occurrence of a Client Event of Default, the Consultant may deliver a notice to the Client specifying the nature of the breach and giving a cure period of thirty (30) days to the Client to cure the Client Event of Default.</p> <p>Provided that, in case of occurrence of a Client Event of Default set out in Clauses 18.1.5(iii) or 18.1.5(iv), the Consultant shall have the right to terminate the Contract immediately, without any obligation to provide a cure period.</p> <p>Notwithstanding anything to the contrary in this Contract, in case of occurrence of a Client Event of Default set out in Clauses 18.1.5(i) or 18.1.5(ii), to the extent such Client Event of Default affects one or more of the Modules but not the entire Contract, the Consultant will not have a right to terminate the entire Contract for such Client Event of Default, but will only have a right to partially terminate the Contract with respect to the Modules affected by such Client Event of Default. Such partial termination shall not impact the validity of the Contract or the obligations of the Consultant and the Client with regard to the Modules which are not affected by the Client Event of Default.</p> |
| <p><b>c. Termination for Force Majeure</b></p> | <p><b>18.1.7</b> If a Force Majeure event affecting any Party subsists for a continuous period of one hundred eighty (180) days, then either Party may issue a notice of termination to the other Party. Upon receipt of this notice, the Parties shall have a period of fifteen (15) days to agree on the manner in which the Contract may be progressed upon cessation of the Force Majeure event and the variations, if any, required to the Contract to address the consequences of the Force Majeure event. If on the expiry of the fifteen (15) day period, the Parties fail to arrive at an agreement, either Party may immediately terminate this Contract by written notice to the other Party.</p> <p>Notwithstanding anything to the contrary in this Contract, in case of occurrence of a Force Majeure event which affects one or more of the</p>  |

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|  | <p>Modules but not the entire Contract, the Contract may be partially terminated with respect to the Modules affected by such Force Majeure event. Such partial termination shall not impact the validity of the Contract or the obligations of the Consultant with regard to the Modules which are not affected by the Force Majeure event.</p>   |
| <p><b>d. Cessation of Rights and Obligations</b></p> | <p><b>18.1.8</b> Upon termination of this Contract pursuant to Clause 18, or upon expiration of this Contract pursuant to Clause 12, all rights and obligations of the Parties hereunder shall cease, except (i) any cause or action which may have occurred in favour of either Party or any right which is vested in either Party under any provision of the Contract as a result of any act, omission, deed, matter or thing done or omitted to be done by either Party before the expiry or termination of the Contract, (ii) the obligation of confidentiality set forth in Clause 22, (iii) the Consultant’s obligation to permit inspection, copying and auditing of their accounts and records set forth in Clause 25, (iv) the indemnity obligations of the Parties as set out in Clause 19; (v) the obligations in relation to intellectual property rights under Clause 27; and (vi) any right which a Party may have under the Applicable Law.</p> |
| <p><b>e. Cessation of Services</b></p>               | <p><b>18.1.9</b> Upon termination of this Contract by either Party , the Consultant shall:(i) 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; and (ii) transfer to the Client all documents, data, programmes, applications, software, equipment etc. developed or acquired by the Client for the purposes of performing the Services along with the right to use the Intellectual Property in such documents, data, programmes, applications, software, equipment for Smart City Project.</p>  |
| <p><b>f. Payment upon Termination</b></p>            | <p><b>18.1.10</b> Upon termination or partial termination of this Contract for a Consultant Event of Default (except the event set out in Clause 18.1.1(iii) above), the Client shall make the following payments to the Consultant:</p> <p style="padding-left: 40px;">(i) Remuneration for the duly and satisfactorily completed Deliverables for all Modules or, the terminated Modules, as the case may be, prior to the date of termination, in accordance with Clause 43.</p> <p style="padding-left: 40px;">Less</p>  |

- (ii) all amounts previously paid to the Consultant under the Contract for all Modules or the terminated Modules, as the case may be;
- (iii) all amounts due to the Client from the Consultant, including any damages payable by the Consultant to the Client in respect of all Modules or the terminated Modules, as the case may be; and
- (iv) the incremental cost incurred by the Client in engaging a third party to complete all Modules or the terminated Modules, as the case may be.

If the aggregate of (ii), (iii), and (iv) above is: (a) less than (i) above, the Client shall pay the differential amount to the Consultant within thirty (30) days of the Consultant raising an invoice for the amount; or (b) more than (i) above, then the Consultant shall pay the differential amount to the Client within thirty (30) days of the Client raising an invoice for the amount, failing which the Client may invoke the Performance Security to recover such amounts.

**18.1.11** Upon termination or partial termination of this Contract for a Client Event of Default, a Force Majeure event or for the event set out in Clause 18.1.1(iii) above, the Client shall make the following payments to the Consultant:

- (i) Remuneration for the duly and satisfactorily completed Deliverables for all Modules or terminated Modules, as the case may be, prior to the date of termination, in accordance with Clause 43; and
- (ii) if the Contract is terminated for a Client Event of Default or for the event set out in Clause 18.1.1(iii), any Breakage Costs reasonably incurred by the Consultant as a direct result of termination or partial termination of the Contract;  
Less
- (iii) all amounts previously paid to the Consultant under the Contract for all Modules or terminated Modules, as the case may be;
- (iv) all amounts due to the Client from the Consultant, including any damages payable by the Consultant to the Client in respect of all Modules or the terminated Modules, as the case may be.

The Client shall pay the termination compensation specified in this Clause 18.1.11 to the Consultant within thirty (30) days of the Consultant raising an invoice for that amount.

**19. Indemnity  
Limitation  
Liability**

**and 19.1 Consultant's indemnity  
of**

The Consultant must indemnify and hold harmless the Client and the Client's staff, their Affiliates and directors of their Affiliates (each a "Client Indemnified Party") from and against any and all claims and losses suffered or incurred by the Client Indemnified Party, including claims by a third party, arising out of:

- (i) any failure of the Consultant to pay taxes or any statutory dues;
- (ii) any non-compliance or violation of Applicable Law or applicable permits by the Consultant;
- (iii) breach of the Consultant's representations and warranties set out in the Contract;
- (iv) bodily injury, sickness or death of any person whatsoever;
- (v) breach of the Consultant's obligations under the Contract;
- (vi) physical damage to the Project Office or any property therein;
- (vii) loss of or physical damage to property of any third party; or
- (viii) infringement of the Intellectual Property Rights of any third party by the Consultant under the Contract.

**19.2 Client's indemnity**

The Client agrees to indemnify and hold harmless the Consultant and the Personnel (each a "Consultant Indemnified Party") from and against any and all claims or losses suffered or incurred by the Consultant Indemnified Party arising out of:

- (i) breach of the Client's representations and warranties under the Contract; or
- (ii) any non-compliance or violation of Applicable Laws or any Client's applicable permits or consents by the Client.

**19.3** On receipt of a notice of any claim, which would entitle any Party ("Indemnified Party") to claim indemnification from the other Party ("Indemnifying Party"), the Indemnified Party shall, within a

reasonable time, provide a written notice of the claim to the Indemnifying Party along with all the documents available with it in respect of the claim, specifying in detail the claim, the amount claimed by the third party, the date on which the claim arose and the nature of the default to which such claim relates (including a reference to the applicable provision of the Contract) and the Indemnifying Party shall settle the claim accordingly. The Indemnifying Party shall be entitled to but not obliged to participate in and control the defence of any such suit, action or proceeding at its own expense or direct the Indemnified Party to defend such claim, at the cost of the Indemnifying Party. If the Indemnifying Party elects to control the defence of any such suit, action or proceeding, the Indemnified Party shall render all necessary assistance for the purposes of enabling the Indemnifying Party to take the action referred to in this Clause 19.3. The Indemnifying Party may also request the Indemnified Party, at the cost of the Indemnifying Party to dispute, resist, appeal, compromise, defend, remedy or mitigate the matter or enforce against the third party the Indemnifying Party's rights in relation to the matter and in connection with proceedings related to the matter, use reputable advisers and lawyers chosen by the Indemnifying Party. The Indemnified Party shall not settle any such suit, action or proceeding without the prior written consent of the Indemnifying Party.

**19.4** The Indemnifying Party agrees and acknowledges that it shall fully indemnify the Indemnified Party for all amounts paid and/or costs incurred by the Indemnified Party in accordance with this Clause 19.

**19.5** Unless otherwise specified in the Contract, neither Party shall be liable to the other Party for any kind of indirect, punitive or consequential loss or damage or for any economic loss, loss of profit, loss of revenue, loss of use or business interruption which may be suffered by the other Party in connection with this Contract, except for losses caused by the fraud or willful misconduct of the Party.

**19.6** The Party entitled to the benefit of an indemnity under this Clause 19 shall take all reasonable measures to mitigate any loss or damage which has occurred. If the Party fails to take such measures, the other Party's liabilities shall be correspondingly reduced.

**19.7** The obligation to indemnify stipulated in this Clause 19 is:

- (i) continuing, separate and independent obligation of the Parties from their other obligations and shall survive the termination of this Contract; and
- (ii) shall not be limited or reduced by any insurance, except to the extent that the proceeds of any such insurance are capable of being applied to reduce claims made against the affected Party.

**19.8** For the purpose of this Clause 19:(i) “claim” means any claim, liability, proceeding, cause of action, action, suit, demand at law or in equity, in each case brought against either Party (including by any third party); and (ii) “loss” means all losses (excluding consequential losses, indirect losses and loss of profit), damages, liabilities, fines, interest, awards, penalties, costs (including, reasonable legal costs, lawyers' and arbitrators' fees), charges and expenses of whatever nature or howsoever occasioned including any of the above suffered by the non-defaulting Party or a third party as a result of any act or omission in the course of or in connection with the performance, non- performance or deficiency in the performance of obligations under this Contract.

**C. RIGHTS AND OBLIGATIONS OF THE CONSULTANT**

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| <b>20. General</b>                |   |
| <b>a. Standard of Performance</b> | <p><b>20.1</b> The Consultant shall perform the Services and carry out the Services with all due diligence, efficiency and economy, in accordance with Good Industry Practices and this Contract, and shall observe sound management practices, and employ appropriate technology and safe and effective equipment, machinery, materials and methods. The Consultant shall always act, in respect of any matter relating to this Contract or to the Services, as a faithful adviser to the Client, and shall at all times support and safeguard the Client’s legitimate interests in any dealings with third parties.</p> <p><b>20.2</b>The Consultant shall employ and provide such qualified and experienced Personnel as are required to carry out the Services.</p> <p><b>20.3</b> The Consultant shall not subcontract any part of the Services.</p> |

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| <p><b>b. Law Applicable to Services</b></p>                                    | <p><b>20.4</b> The Consultant shall perform the Services in accordance with the Contract and the Applicable Law and shall take all practicable steps to ensure that all of its Personnel comply with the Applicable Law.</p> <p><b>20.5</b> Throughout the duration of the Contract, the Consultant shall comply with the prohibitions in India in relation to the import of goods and services when as a matter of law or official regulation, there is a prohibition on entering into or maintaining commercial relations with the country from where the import is proposed to be made.</p> <p><b>20.6</b> The Consultant shall obtain, maintain and comply with the terms of all applicable permits, including work permits for its Personnel, required to perform the Services, at its own risk and cost.</p>   |
| <p><b>21. Conflict of Interest</b></p>   | <p><b>21.1</b> The Consultant shall hold the Client’s interests paramount, without any consideration for future work, and strictly avoid conflict with other assignments or their own corporate interests.</p>   |
| <p><b>a. Consultant Not to Benefit from Commissions, Discounts, etc.</b></p>   | <p><b>21.1.1</b> The Remuneration of the Consultant pursuant to Clauses 42 through 47 shall constitute the Consultant’s only payment in connection with this Contract or the Services and the Consultant shall not accept for its own benefit any trade commission, discount or similar payment in connection with activities pursuant to this Contract or in the discharge of its obligations hereunder, and the Consultant shall use its best efforts to ensure that the Personnel and agents of either of them, similarly shall not receive any such additional payment.</p> <p><b>21.1.2</b> Furthermore, if the Consultant, as part of the Services, has the responsibility of advising the Client on the procurement of goods, works or services, the Consultant shall comply with the applicable procurement guidelines of the GoAP, and shall at all times exercise such responsibility in the best interest of the Client. Any discounts or commissions obtained by the Consultant in the exercise of such procurement shall be to the account of the Client.</p> |
| <p><b>b. Consultant and Affiliates Not to Engage in Certain Activities</b></p> | <p><b>21.1.3</b> The Consultant agrees that, during the term of this Contract and after its termination, the Consultant and its Affiliates, shall be disqualified from providing goods, works, or non-consulting services resulting from or directly related to the Services, unless otherwise indicated in the SCC.</p>   |



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| <p><b>c. Prohibition of Conflicting Activities</b></p>          | <p><b>21.1.4</b> The Consultant shall not engage, and shall cause its Personnel to not engage, either directly or indirectly, in any business or professional activities that would conflict with the activities assigned to them under this Contract.</p>   |
| <p><b>d. Strict Duty to Disclose Conflicting Activities</b></p> | <p><b>21.1.5</b> The Consultant has an obligation and shall ensure that its Personnel shall have an obligation to disclose any situation of actual or potential conflict that impacts their capacity to serve the best interest of their Client, or that may reasonably be perceived as having this effect. Failure to disclose said situations may lead to the disqualification of the Consultant or the termination of its Contract.</p>   |
| <p><b>22. Confidentiality</b></p>                               | <p><b>22.1</b> Except with the prior written consent of the Client, the Consultant and the Personnel shall not at any time communicate to any person or entity any proprietary or confidential 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 Client to the Personnel; any information provided by or relating to the Client, its technology, technical processes, business affairs or finances or any other information acquired in the course of the Services, nor shall the Consultant and the Personnel make public the recommendations formulated in the course of, or as a result of, the Services.</p> <p>Notwithstanding the aforesaid, the Consultant and the Personnel may disclose such information to the extent that such information:</p> <ul style="list-style-type: none"> <li>(i) was in the public domain prior to its delivery to the Consultant/Personnel or becomes a part of the public domain from a source other than the Consultant/Personnel;</li> <li>(ii) was obtained from a third party with no known duty to maintain its confidentiality;</li> <li>(iii) is required to be disclosed under Applicable Laws or judicial/administrative/arbitral process or by any government instrumentality, provided that such disclosure is made: (a) after giving a prior written notice to the Client; and (b) using reasonable efforts to ensure that such disclosure is accorded confidential treatment;</li> <li>(iv) is provided to the professional advisers, agents, auditors or representatives of the Consultant on a needs basis as is reasonable under the circumstances, provided that the Consultant shall require such professional advisers, agents, auditors or representatives to</li> </ul> |

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|  | undertake in writing to keep the information provided confidential, and further provided that the Consultant shall use best efforts to ensure compliance with such undertaking.   |
| <b>23. Liability of the Consultant</b>                 | <p><b>23.1</b> Subject to the exclusions set out in the SCC, the overall liability of the Consultant and the Client under this Contract shall not exceed the amounts specified in the SCC.</p> <p><b>23.2</b>The Parties agree and acknowledge that the provisions of this Clause 23 read with the SCC in respect of limitation and exclusion of liabilities is an agreed allocation of risk between the Parties, the sufficiency of which the Parties hereby agree and acknowledge.</p>  |
| <b>24. Insurance to be Taken out by the Consultant</b> | <b>24.1</b> The Consultant: (i) shall take out and maintain, at its own cost but on terms and conditions approved by the Client, insurance against the risks, and for the coverage specified in the SCC, and (ii) at the Client’s request, shall provide evidence to the Client within fifteen (15) days of the request, showing that such insurance has been taken out and maintained and that the current premiums therefore have been paid. The Consultant shall ensure that such insurance is in place prior to commencing the Services as stated in Clause 11.   |
| <b>25. Accounting, Inspection and Auditing</b>         | <p><b>25.1</b> The Consultant shall keep accurate and systematic accounts and records in respect of the Services, in accordance with internationally accepted accounting principles and in such form and detail as will clearly identify all relevant time charges and costs and the basis thereof.</p> <p><b>25.2</b> The Consultant shall permit, the Client and/or persons appointed by the Client to inspect all accounts and records relating to the performance of the Contract, and to have such accounts and records audited by auditors appointed by the Client, if requested by the Client. Any act intended to materially impede the exercise of the Client’s inspection and audit rights provided for under this Clause 25.2 shall constitute a material breach of the Contract, which would give the Client the right to terminate the Contract.</p> |
| <b>26. Reporting Obligations</b>                       | <b>26.1</b> The Consultant shall submit to the Client the reports and documents specified in Appendix A, in the form, in the numbers and within the time periods set forth in the said Appendix (the “Reports”).  |
| <b>27. Proprietary Rights of the Client in</b>         | <b>27.1</b> The Client shall own all Intellectual Property Rights in the Deliverables, Reports, programmes, data, information such as maps,   |

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| <p><b>Reports and Records</b></p>                   | <p>diagrams, plans, specifications, technical information, solutions, models, databases, drawings, software, supporting records, or other documents and material compiled or prepared by the Consultant for the Client in the course of the Services. The Consultant shall, upon termination or expiration of this Contract, deliver all such Deliverables, Reports, data, information and documents to the Client, together with a detailed inventory thereof. The Consultant may retain a copy of such Deliverables, Reports, documents, data and/or software but shall not use the same for purposes unrelated to this Contract without prior written approval of the Client.</p> <p><b>27.2</b> Subject to Clause 27.1 above, all Intellectual Property Rights in the documents, know-how, data, software and programmes used in connection with preparing the Deliverables and the Services, which are proprietary to the Consultant or its third party licensors shall belong to the Consultant, or, as the case may be, its third party licensors and the Consultant hereby grants to the Client a royalty-free, irrevocable, non-exclusive licence to use, modify and reproduce the Deliverables and any Intellectual Property Rights contained in the Services for any purpose whatsoever connected with the Smart City Project; and the licence hereby granted shall carry the right to grant sub-licences and shall be transferable to third parties only in relations to the Smart City Projects. The cost of such license shall be deemed to be included in the Total Value of Contract.</p> <p><b>27.3</b> The Consultant shall not use the technology, technical information, software, designs or know-how licensed for the purposes of providing the Services for any purposes unrelated to the Contract, without the prior written approval of the Client.<br/>The Consultant shall indemnify and hold harmless the Client from and against all claims and losses that the Client may suffer or incur on account of infringement (or alleged infringement) of any third party's Intellectual Property Rights in performance of the Services.</p> |
| <p><b>28. Equipment, Vehicles and Materials</b></p> | <p><b>28.1</b> Equipment, vehicles and materials, if any made available to the Consultant by the Client, or purchased by the Consultant wholly or partly with funds provided by the Client, shall be the property of the Client and shall be marked accordingly. Upon termination or expiration of this Contract, the Consultant shall make available to the Client an inventory of such equipment, vehicles and materials and shall dispose of such equipment, vehicles and materials in accordance with the</p>  |

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|  | <p>Client's instructions. While in possession of such equipment, vehicles and materials, the Consultant, unless otherwise instructed by the Client in writing, shall insure them at the expense of the Client in an amount equal to their full replacement value.</p> <p><b>28.2</b> Any equipment or materials owned or purchased by the Consultant or its Personnel at its own cost for use either in the performance of the Services or personal use shall remain the property of the Consultant or Personnel concerned, as the case may be.</p> |
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| <p><b>29. Timelines for Completion and Liquidated Damages</b></p> | <p><b>29.1</b>The Consultant shall perform the Services strictly in accordance with the Services Schedule and complete each Deliverable on or before the relevant Deliverable Due Date.</p> <p><b>29.2</b> If the Consultant fails to comply with the Services Schedule for reasons attributable to the Consultant, then, without prejudice to the right of the Client to recover delay liquidated damages, the Client may, in its sole discretion, revise the Services Schedule to mitigate the effects of such delay and the Consultant shall comply with the revised Services Schedule.</p> <p><b>29.3</b>Subject to Clause 29.4 below, the Consultant shall be entitled to a day-for-day extension of the relevant Deliverable Due Date if and only to the extent that performance of Services is or will be delayed due to any of the following reasons (each such event, a <b>Delay Event</b>):</p> <ul style="list-style-type: none"> <li>(i) any delay, impediment or prevention caused by or attributable to the Client, or the Client's personnel, including any delay or impediment in accessing the Project Office;</li> <li>(ii) an order issued by the Client to suspend the Services, unless such suspension is attributable to an act or omission of the Consultant or the Personnel;</li> <li>(iii) any delay in the approval of any Deliverable in accordance with Clause 41;</li> <li>(iv) occurrence of a Force Majeure event, provided that the requirements of Clause 16 above have been complied with;</li> <li>(v) Change in Law;</li> <li>(vi) delay by any Authority in renewing any applicable permit, despite the Consultant having applied for such renewal expeditiously and having complied with the requirements of Applicable Laws in making such application;</li> <li>(vii) any Variation;</li> </ul> |
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- (viii) any order of a court restraining the performance of the Contract in full or in any part thereof, for reasons not attributable to the Consultant;
- (ix) delay caused in complying with any instructions of the Client or the Client's representative, which instructions are not attributable to any default or failure of the Consultant; or
- (x) delay in providing any services, facilities or property required to be provided by the Client in accordance with Appendix A.

**29.4** The Consultant shall promptly provide the Client with: (i) a notice upon becoming aware of any Delay Event listed in Clause 29.3 above; and (ii) a notice of its claim for extension of any Deliverable Due Date, with such notice specifying the nature of the Delay Event, the extent of delay suffered or likely to be suffered by the Consultant, the mitigation measures being taken or proposed to be taken by the Consultant, and any other information relevant to claim such extension.

**29.5** The Consultant shall ensure that the particulars provided to the Client under Clause 29.4 above are kept up to date and shall continuously submit such further particulars as may be necessary or which may be requested by the Client, from time to time.

**29.6** Any extension in accordance with this Clause 29 shall be implemented by way of a Variation Order in accordance with Clause 14.

**29.7** If there are two or more concurrent causes of delay and only one of those concurrent causes is a cause of delay which would entitle the Consultant to an extension of time in accordance with this Clause 29, then the Consultant shall not be entitled to an extension of time for the period of such concurrency.

**29.8** Subject to Clause 29.3 above, if the Consultant fails to complete any Deliverable in a manner satisfactory to the Client on or before the relevant Deliverable Due Date, the Consultant shall pay to the Client delay liquidated damages at the rate set out in the SCC for each week of delay until completion of the Deliverable. Provided that the aggregate delay liquidated damages payable by the Consultant to the Client under the Contract shall not exceed the maximum amount set out in the SCC.

**D. PERSONNEL**

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| <p><b>30. Description of Key Experts (Core Team)</b></p>                                    | <p><b>30.1</b> The title, agreed job description, minimum qualification and time-input estimates of each Key Expert to carry out the Services are described in Appendix B. The mechanism used is deliverable based, and hence any change in man month requirement for any person will not lead to any additional monetary impact on the client.</p> |
| <p><b>31. Replacement of Key Experts (Expert Pool and Additional Resources, if any)</b></p> | <p><b>31.1</b> Except as the Client may otherwise agree in writing and subject to sub-Clauses (i) – (iii) below, no changes shall be made in the Key Experts or Additional Resources without the prior consent of the Client:</p> <p>(i) Any change in key personnel has to be in consultation and approval of the client.</p>                      |

Any change, replacement or substitution of a Key Expert or Additional Resource, whether temporary or permanent, in contravention of the Contract (specifically this Clause 31.1) shall constitute a material breach of the Contract.

**31.2** A request for substitution of a Key Expert or Additional Resource during the term of the Contract may be considered based on the Consultant’s written request and only in circumstances outside the reasonable control of the Consultant, including but not limited to death or medical incapacity of any Key Expert or Additional Resource. In such case, the Consultant shall submit a written request for replacement of the Key Expert or Additional Resource with a person of equivalent or better qualifications and experience, and at the same man month rate as specified in Appendix C for such Key Expert or Additional Resource being replaced. The request for replacement of a Key Expert or Additional Resource should state in sufficient detail the reasons for the proposed replacement and should be accompanied by the CV of the substitute Key Expert or Additional Resource with details of his experience and qualification and in the format set out in Form TECH-4 of the RFP.

**31.3** The client may make a request in writing for the substitution of a key expert or Additional Resource member with an equal or better qualification and experience. On receiving request, the consultant shall provide substitution within 30 days of receipt of request on the same man-month rate for the respective Key Expert/Additional Resource as agreed in the Appendix-C.





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| <p><b>32. Approval of Additional Resources</b></p>                                 | <p>32.1 If during the term of the Contract, Additional Resources are required to carry out the Services, the one party shall submit a written request to the other party, stating in sufficient detail the reasons for requiring Additional Resources. The consultant shall, on receiving/submitted request, submit detailed CVs of the Additional Resources in the format set out in Form TECH-4 of the RFP for the approval of the client.</p>   |
| <p><b>33. Removal of Personnel</b></p>   | <p><b>33.1</b> If the Client finds that any of the Personnel has committed serious misconduct or has been charged with having committed a criminal action, or if the Client determines that Consultant’s Personnel have engaged in any corrupt, fraudulent, coercive, collusive, undesirable or restrictive practices (as specified in Attachment 1 to the GCC) while performing the Services, the Consultant shall, at the Client’s written request, provide a replacement for such Personnel.</p> <p><b>33.2</b> In the event that any of Personnel is found by the Client to be incompetent or incapable in discharging assigned duties, the Client, specifying the grounds therefore, may request the Consultant to provide a replacement.</p> <p><b>33.3</b> The replacement of any Personnel shall possess equivalent or better qualifications and experience and shall be approved by the Client. The process for obtaining the approval of the Client for any Additional Resources or for replacement of a Key Expert/Additional Resource, as set out in Clauses 31 and 32 above, must also be followed for removal and replacement of any Personnel under this Clause 33.</p> |
| <p><b>34. Replacement/ Addition/ Removal of Personnel – Impact on Payments</b></p> | <p>34.1 Except as the Client may otherwise agree: (i) the Consultant shall bear all additional travel and other costs arising out of or incidental to any removal and/or replacement, and (ii) the remuneration to be paid for any of the Personnel provided as a replacement shall not exceed the remuneration which would have been payable to the Personnel replaced or removed.</p>  |

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|  | <p>34.2 The consultant will access and deploy extra number of personnel after obtaining approval of the client to complete a deliverable within specified timeline, if required. For such extra personnel deployment the client shall not pay extra remuneration or reimbursable expenses.</p>   |
| <p><b>35. Working Hours, Overtime, Leave, etc.</b></p> | <p><b>35.1</b> Working hours and holidays for Personnel are set forth in Appendix B.</p> <p><b>35.2</b> The Personnel shall not be entitled to be paid for overtime nor to take paid sick leave or vacation leave except as specified in Appendix B.</p> <p><b>35.3</b> Any taking of leave by Key Experts or Additional Resource shall be subject to the prior approval by the Consultant who shall ensure that absence for leave purposes will not delay the progress and or impact the overall performance of the Services.</p> |

**E. RIGHTS AND OBLIGATIONS OF THE CLIENT**

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| <p><b>36. Assistance and Exemptions</b></p> | <p><b>36.1</b> Unless otherwise specified in the SCC, the Client shall use its best efforts to:</p> <ul style="list-style-type: none"> <li>(i) Assist the Consultant with obtaining any applicable permits, including work permits and such other documents as shall be necessary to enable the Consultant to perform the Services.</li> <li>(ii) Assist the Consultant with promptly obtaining, for the Personnel who are not residents of India and, if appropriate, their eligible dependents, all necessary entry and exit visas, residence permits, exchange permits and any other documents required for their stay in India while carrying out the Services under the Contract.</li> <li>(iii) Facilitate prompt clearance through customs of any property required for the Services and of the personal effects of the Personnel who are not residents of India and their eligible dependents. Provided that, clearance through customs of any property required for the Services will remain the primary obligation of the Consultant and the Consultant shall not be entitled to any extension of time on account of any delay in obtaining any customs clearance.</li> <li>(iv) Issue to officials, agents and representatives of the government all such instructions and information as may be necessary or</li> </ul> |
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|   | <p>appropriate for the prompt and effective implementation of the Services.</p> <p>(v) To the extent permissible under Applicable Laws, assist the Consultant and the Personnel with obtaining exemption from any requirement to register or obtain any permit to practice their profession or to establish themselves either individually or as a corporate entity under Applicable Laws.</p> <p>(vi) Provide to the Consultant any such other assistance as may be specified in the SCC.</p>  |
| <p><b>37. Access to Project Office</b></p>                        | <p><b>37.1</b> The Client warrants that on and from the Effective Date and until the expiry or early termination of the Contract, the Consultant shall have unimpeded and unhindered access to the Project Office for the performance of the Services, at no additional cost to the Consultant. The Consultant will be responsible for any damage to the Project Office or any property thereon resulting from such access and will indemnify the Client in respect of liability for any such damage, unless such damage is caused by the willful default or negligence of the Client.</p> <p><b>37.2</b> The Client shall provide basic utilities (including water and electricity) to the Consultant at the Project Office, at no additional cost to the Consultant.</p>  |
| <p><b>38. Services, Facilities and Property of the Client</b></p> | <p><b>38.1</b> The Client shall make available to the Consultant and the Personnel, for the purposes of the Services and free of any charge, the services, facilities and property described in the Terms of Reference (Appendix A) at the times and in the manner specified in said Appendix A.</p> <p><b>38.2</b> In case that such services, facilities and property shall not be made available to the Consultant as and when specified in Appendix A, the Parties shall agree on (i) any time extension that it may be appropriate to grant to the Consultant for the performance of the Services, (ii) the manner in which the Consultant shall procure any such services, facilities and property from other sources, and (iii) the additional payments, if any, to be made to the Consultant as a result thereof. Any adjustment to the Services Schedule and/or the Remuneration pursuant to this Clause 38 shall be by way of a Variation in accordance with Clause 14.</p> |

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| <p><b>39. Counterpart Personnel</b></p>  | <p><b>39.1</b> The Client shall make available to the Consultant free of charge such professional and support personnel, to be nominated by the Client with the Consultant’s advice, as specified in Appendix A.</p> <p><b>39.2</b> If counterpart personnel are not provided by the Client to the Consultant as and when specified in Appendix A, the Client and the Consultant shall agree on (i) how the affected part of the Services shall be carried out, and (ii) the additional payments, if any, to be made by the Client to the Consultant as a result thereof. Any adjustment to the Remuneration pursuant to this Clause 39 shall be by way of a Variation in accordance with Clause 14.</p> <p><b>39.3</b> Professional and support counterpart personnel, excluding Client’s liaison personnel, shall work under the exclusive direction of the Consultant, who will be solely responsible for any and all acts and omissions of such personnel. If any such personnel fails to perform adequately any work assigned to such member by the Consultant that is consistent with the position occupied by such member, the Consultant may request the replacement of such member, and the Client shall not unreasonably refuse to act upon such request.</p> |
| <p><b>40. Payment Obligation</b></p>   | <p><b>40.1</b>In consideration of the Services performed by the Consultant under this Contract, the Client shall make payments of the Remuneration to the Consultant in such manner as is provided in Clause 43 read with the SCC.</p>  |
| <p><b>41. Review and Approval of Deliverables and Completion Certificate</b></p> | <p><b>41.1</b> The Client shall review and provide comments on all Deliverables and other documents submitted by the Consultant, including any subsequent amendments to these documents, in a timely manner so as to enable the Consultant to perform the Services in accordance with the Services Schedule and to comply with its obligations within the time lines prescribed under the Contract.</p> <p><b>41.2</b>Unless otherwise specified in the Terms of Reference, the Consultant shall submit copies of each draft Deliverable to the Client for its review and approval in a manner such that the final approved Deliverable is submitted to the Client within the time lines specified in the Services Schedule.</p> <p><b>41.3</b> The Client shall review and provide comments, if any, on each draft Deliverable submitted by the Consultant or notify the Consultant of its approval of the draft Deliverable within fifteen (15)</p>   |

days from the date of receipt of the draft Deliverable. The Client shall have the right to require the Consultant to amend or modify the draft Deliverable if the Client identifies any deficiencies or shortcomings in the draft Deliverable. If the Consultant receives any comments, suggestions or instructions to modify the draft Deliverable from Client, then the Consultant shall modify the draft Deliverable to correct any shortcomings or deficiencies identified by Client and submit the revised Deliverable to the Client for its approval. This process shall continue until the draft Deliverable is approved by the Client.

**41.4** Upon approval of a Deliverable by the Client in accordance with Clause 41.3, the Consultant shall issue a Deliverable Acceptance Certificate to the Client for the approved Deliverable, and the Client shall duly endorse the Deliverable Acceptance Certificate to signify its acceptance of the relevant Deliverable. The Client will endorse the Deliverable Acceptance Certificate within twenty (20) working days of receipt of the Deliverable Acceptance Certificate. The performance of the Services (covered by the relevant Deliverable) shall be complete upon the endorsement of the Deliverable Acceptance Certificate for such Services by the Client.

**41.5** Notwithstanding any review or approval of a Deliverable by the Client or issuance of a Deliverable Acceptance Certificate by the Client, the Consultant shall bear all risk, responsibility and liability for the suitability, accuracy, adequacy and practicality of the final Deliverable. Subject to Clause 29.3, the Consultant shall not be entitled to any extension of a Deliverable Due Date or compensation for complying with the requirements of this Clause 41.

**41.6** Notwithstanding any review or approval of a Deliverable by the Client or issuance of a Deliverable Acceptance Certificate by the Client, at the time of implementation of the Smart City Project, if the Client discovers any inaccuracies, discrepancies or shortcomings in a Deliverable, then the Client shall have the right to require the Consultant to rectify any such discrepancy, inaccuracy or shortcoming in the relevant Deliverable, without any additional cost to the Client.

**41.7** Within ninety (90) days of the expiry of the post implementation support period, the Consultant shall facilitate the smooth transfer of the overall monitoring, supervision and control of the implementation

of the Smart city Project to the Client or any other agency nominated by it.

Within twenty (20) working days of the expiry of the ninety (90) day transition period and the successful handing over of the monitoring, supervision and control of the Smart city Projects as certified by the Client, the Client shall issue the Completion Certificate to the Consultant. The issue of the Completion Certificate shall certify that the Services have been completed in accordance with the Contract.

Upon issuance of the Completion Certificate by the Client, the Consultant shall be entitled to the last milestone payment as per the Payment Schedule.

**F. PAYMENTS TO THE CONSULTANT**

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| <p><b>42. Total Value of Contract</b></p> | <p><b>42.1</b> In consideration of the Services, the Client shall pay to the Consultant the Remuneration in accordance with the Payment Schedule.</p> <p><b>42.2</b> The Consultant is deemed to have satisfied itself of the correctness and sufficiency of the Remuneration and except as otherwise provided in the Contract, the Remuneration payable under this Contract shall not exceed the ceilings in INR for both specified in the SCC. Any payments in excess of the ceilings for any additional scope of work or otherwise shall only be way of a Variation in accordance with Clause 14.</p> |
| <p><b>43. Remuneration</b></p>            | <p><b>43.1</b> All payments shall be as per the payment schedule set forth in Clause 43.1 under SCC .</p>  |

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|   | <p><b>43.3</b> The Remuneration shall cover all the costs: (i) such salaries and allowances as the Consultant shall have agreed to pay to the Personnel as well as factors for social charges and overheads (bonuses or other means of profit-sharing shall not be allowed as an element of overheads), (ii) the cost of backstopping by home office staff not included in the Personnel list in Appendix B, (iii) the Consultant's profit, and (iv) any other items as specified in the Clause 43.1 of the SCC.</p>          |
| <p><b>44. Taxes and Duties</b></p>            | <p><b>44.1</b>The Consultant and Personnel are responsible for meeting any and all Tax liabilities arising out of the Contract in India or elsewhere, unless it is stated otherwise in the SCC.</p> <p><b>44.2</b> Goods and Services Tax are finalized during Contract negotiations and specified in the SCC shall be paid to the Consultant.</p> <p><b>44.3</b>All payments made by the Client to the Contractor shall be subject to deductions and withholding of applicable Taxes in accordance with Applicable Laws.</p> |
| <p><b>45. Currency of Payment</b></p>         | <p><b>45.1</b> Any payment under this Contract shall be made in Indian Rupees.</p>  |
| <p><b>46. Mode of Billing and Payment</b></p> | <p><b>46.1</b> Billings and payments in respect of the Services shall be made in accordance with the Payment Schedule.</p>  |

**46.3** Milestone Invoices.

- (i) For the payments specified in Clause 43.1(ii) above, within seven (7) days after the issuance of the Deliverable Acceptance Certificate, for the relevant Module, the Consultant may submit to the Client an invoice for the payment linked to completion of such Deliverable.
- (ii) Each milestone invoice must set out: (a) details of the Deliverable covered by the relevant milestone invoice; (b) the amount payable for the relevant Deliverable, including

all applicable Taxes; and (c) any other additions or deductions which may have become due under the Contract. Each milestone invoice will be accompanied by supporting documents as set out in the SCC.

- (i) Within thirty (30) days of receipt of a milestone invoice, the Client shall verify completion of the Deliverable covered under such invoice and either:
    - (a) approve the milestone invoice and issue a certificate, conveying its approval for release of the amount specified in the milestone invoice, less any necessary deductions and adjustments in accordance with the Contract and/or Applicable Laws. If the amount approved by the Client is less than the full amount of the milestone invoice (other than for any deductions in accordance with Applicable Laws), the Client shall state in writing the reasons for approving a lesser amount; or
    - (b) issue a notice to the Consultant disputing the milestone invoice and directing the Consultant to issue a revised milestone invoice after rectifying the errors or discrepancies identified by the Client. The Consultant
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|  | <p>shall submit a revised milestone invoice to the Client after rectifying the errors or discrepancies identified by the Client and this process will be repeated until the Client approves the milestone invoice and issues a certificate, conveying its approval for release of the amount specified in the milestone invoice. Any dispute between the Parties in relation to a disputed milestone invoice will be settled in accordance with Clause 50.</p> <p>(iv) The Client shall pay the Consultant’s milestone invoice within ten (10) days after the acceptance of such milestone invoice.</p> <p><b>46.4</b> Notwithstanding anything to the contrary in the Contract, the Client may withhold from any payment due to the Consultant any amounts that the Client deems reasonably necessary or appropriate because of any one or more of the following reasons:</p> <ul style="list-style-type: none"> <li>(i) failure by the Consultant to provide certificates of insurance;</li> <li>(ii) any overpayments made by the Client in a previous payment;</li> <li>(iii) any payment required to be withheld under any Applicable Law;</li> <li>(v) the invoice is not accompanied by all necessary supporting documents;</li> <li>(iv) a dispute exists as to the accuracy or completeness of any invoice; or</li> <li>(v) any amounts due to the Client from the Consultant under the Contract.</li> </ul> <p><b>46.5</b> All payments under this Contract shall be made by wire transfer to the accounts of the Consultant specified in the SCC.</p> <p><b>46.6</b> The payments made to the Consultant pursuant to this Contract do not constitute acceptance of the Services nor relieve the Consultant of any obligations hereunder.</p> |
| <p><b>47. Interest on Delayed Payments</b></p> | <p><b>47.1</b> If the Client had delayed payments beyond fifteen (15) days after the due date stated in Clause 29, interest shall be paid to the Consultant on any amount due but not paid on such due date for each day of delay at the annual rate stated in the SCC.</p>   |

**G. FAIRNESS AND GOOD FAITH**

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| <b>48. Good Faith</b> | <b>48.</b> The Parties undertake to act in good faith with respect to each other's rights under this Contract and to adopt all reasonable measures to ensure the realization of the objectives of this Contract. |
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**H. MISCELLANEOUS**

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| <b>49. Amicable Settlement</b>  | <p><b>49.1</b> The Parties shall seek to resolve any dispute amicably by mutual consultation.</p> <p><b>49.2</b> If either Party objects to any action or inaction of the other Party, the objecting Party may send a written notice of dispute to the other Party providing in detail the basis of the dispute. The Party receiving the notice of dispute will consider it and respond in writing within fourteen (14) days after receipt. If such Party fails to respond within fourteen (14) days, or the dispute cannot be amicably settled within fourteen (14) days following the response of that Party, Clause 50 shall apply.</p> |
| <b>50. Dispute Resolution</b>   | <p><b>50.1</b> Any dispute between the Parties arising under or related to this Contract that cannot be settled amicably may be referred to by either Party to arbitration in accordance with the provisions specified in the SCC.</p>   |
| <b>51. Performance Security</b> | <p><b>51.1</b> The Consultant shall furnish to the Client the Performance Security in the format set out in Appendix D, from a scheduled commercial bank in India, to secure the performance of its obligations under the Contract. The Performance Security shall be for an amount specified in the SCC.</p>  |
| <b>52. Assignment</b>           | <p><b>52.1</b> Except as expressly permitted in the Contract, the Consultant shall not be entitled to divest, transfer, assign or novate all or substantially all of its rights, interests, benefits and obligations under the Contract, without the prior written consent of the Client.</p> <p><b>52.2</b> The Client shall be entitled to assign, transfer or novate its rights and obligations under the Contract or any part thereof to any third party or to an affiliate, without the requirement of any further consent from the Consultant, provided that where such assignment is made to</p>                                    |

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|   | <p>a third party, the Client shall use its best efforts to ensure that the third party to whom the benefits and obligations under the Contract or any part thereof has been assigned, has the necessary financial capability to comply with the obligations under the Contract.</p>   |
| <p><b>53. Representation and Warranties</b></p> | <p><b>53.1 Client’s Representations and Warranties</b><br/> The Client makes the following representations and warranties to the Consultant:</p> <ul style="list-style-type: none"> <li>(i) it has been incorporated as a company under the laws of India and is validly existing under those laws;</li> <li>(ii) it has power to enter into this Contract and comply with its obligations under it;</li> <li>(iii) this Contract and the transactions under it do not contravene its constituent documents or any Applicable Law or obligation by which it is bound or to which any of its assets are subject or cause a limitation of powers or the powers of its directors to be exceeded;</li> <li>(iv) it has in full force and effect the authorisations necessary for it to enter into this Contract and the transactions under it; and</li> <li>(v) its obligations under this Contract are valid and binding and are enforceable against it in accordance with the terms of this Contract.</li> </ul> <p><b>53.2 Consultant’s Representations and Warranties</b><br/> The Consultant makes the following representations and warranties to the Client:</p> <ul style="list-style-type: none"> <li>(i) it has been incorporated/registered as a company/firm under the laws of [<i>Insert country of incorporation/registration</i>] and is validly existing under those laws;</li> <li>(ii) it has power to enter into this Contract and comply with its obligations under it;</li> <li>(iii) this Contract and the transactions under it do not contravene its constituent documents or any applicable law of its jurisdiction or obligation by which it is bound or to which any of its assets are subject or cause a</li> </ul> |

- limitation of powers or the powers of its directors to be exceeded;
- (iv) it has in full force and effect the authorisations necessary for it to enter into this Contract and the transactions under it;
  - (v) its obligations under this Contract are valid and binding and are enforceable against it in accordance with the terms of this Contract;
  - (vi) it is not in breach of any Applicable Law in a way which may result in a material adverse effect on its business or financial condition;
  - (vii) there is no pending or threatened proceeding affecting the Consultant or any of its assets that would affect the validity or enforceability of this Contract, the ability of the Consultant to fulfil its commitments under this Contract, or that could have a material adverse effect on the business or financial condition of the Consultant;
  - (viii) it has not been subject to any fines, penalties, injunctive relief or any other civil or criminal liabilities which in the aggregate have or may have a material adverse effect on its ability to perform its obligations under the Contract;
  - (ix) it has the necessary skill and experience to perform the Services in accordance with this Contract;
  - (x) it owns or has the right to use and license to the Client all Intellectual Property Rights in relation to the Services and the Deliverables to be provided under this Contract;
  - (xi) the performance of the Services shall not infringe the Intellectual Property Rights of any third party and that the Consultant has not received notice of any claim, and is not aware of any facts or circumstances that may give rise to such claim;
  - (xii) it will perform its obligations under the Contract and conduct its business with a high level of integrity which is reasonably expected of an international contractor of similar size and profile, conducting a similar line of business, and will not engage in any corrupt, fraudulent, coercive, collusive, undesirable or restrictive practices; and
  - (xiii) without prejudice to any express provision contained in the Contract, the Consultant acknowledges that prior to

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the execution of the Contract, the Consultant has after a complete and careful examination made an independent evaluation of the Terms of Reference and any information provided by or on behalf of the Client and has determined to its satisfaction the nature and extent of risks and hazards as are likely to arise or may be faced by the Consultant in the course of performance of its obligations hereunder.

## II. General Conditions

### Attachment 1: Corrupt and Fraudulent Practices

- 1.1 The Consultants 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 the RFP, the Client shall reject a Proposal without being liable in any manner whatsoever to the Consultant, if it determines that the Consultant 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 Client shall, without prejudice to its any other rights or remedies, forfeit and appropriate the Performance Security, if available, as mutually agreed genuine pre-estimated compensation and damages payable to the Client for, *inter alia*, time, cost and effort of the Client, in regard to the RFP, including consideration and evaluation of such Consultant’s Proposal.
- 1.2 Without prejudice to the rights of the Client under the RFP and the rights and remedies which the Client may have under the LOA or the Contract, if an Consultant is found by the Client 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 Contract, such Applicant or Consultant shall not be eligible to participate in any tender or RFP issued by the Client during a period of 2 (two) years from the date such Consultant is found by the Client 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.
- 1.3 For the purposes of this clause, the following terms shall have the meaning hereinafter respectively assigned to them:
  - (i) “corrupt practice” means (a) 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 Client 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 Contract 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 Client, shall be deemed to constitute influencing the actions of a person connected with the selection process; or (b) save as provided herein, 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 Services or the LOA or the

Contract, who at any time has been or is a legal, financial or technical consultant/ adviser of the Client in relation to any matter concerning the Contract;

- (ii) “fraudulent practice” means a misrepresentation or omission of facts or disclosure of incomplete facts, in order to influence the selection process;
- (iii) “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;
- (iv) “collusive practices” is an arrangement between two or more parties designed to achieve an improper purpose, including to influence improperly the actions of another party<sup>1</sup>;
- (v) “undesirable practice” means (a) establishing contact with any person connected with or employed or engaged by the Client with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the selection process; or (b) having a Conflict of Interest; and
- (vi) “restrictive practice” means forming a cartel or arriving at any understanding or arrangement among Consultants with the objective of restricting or manipulating a full and fair competition in the selection process.

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<sup>1</sup> For the purpose of this sub-paragraph, “parties” refers to participants in the procurement or selection process (including public officials) attempting either themselves, or through another person or entity not participating in the procurement or selection process, to simulate competition or to establish prices at artificial, non-competitive levels, or are privy to each other’s bid prices or other conditions.

**III. Special Conditions of Contract**

*[Notes in brackets are for guidance purposes only and should be deleted in the final text of the signed contract]*

| <b>Number of GCC Clause</b> | <b>Amendments of, and Supplements to, Clauses in the General Conditions of Contract</b>  |
|-----------------------------|--|
| 3.1                         | The Contract shall be construed in accordance with the law of India.   |
| 4.1                         | The language is: English   |
| 6.1 and 6.2                 | <p>The addresses are:</p> <p>Client :     Amaravati Smart &amp; Sustainable City Corporation Limited.</p> <p>Attention : _____</p> <p>Facsimile : _____</p> <p>E-mail (where permitted): _____</p> <p>Consultant : _____</p> <p>Attention : _____</p> <p>Facsimile : _____</p> |
| 8.1                         | <p>The Authorized Representatives are:</p> <p>For the Client:     [Insert name]Chief Executive Officer,<br/>Amaravati Smart City Limited</p> <p>_____</p> <p>For the Consultant:   <i>[name, title]</i> _____</p>  |
| 11.1                        | <p><b>Commencement of Services:</b></p> <p><b>The number of days shall be30(thirty) Days from the date of issue of LOA</b></p>   |



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|             | Confirmation of Key Experts or Additional Resource' availability to perform the Services shall be submitted by the Consultant to the Client in the form of a written statement signed by each Key Expert or Additional Resource.  |
| <b>12.1</b> | <b>Expiration of Contract:</b><br><br>The term of the Contract shall be three (3) years, which may be extended on mutually agreed terms and conditions for another 2 years on an yearly basis depending on the project requirement, subject to satisfactory performance of the Services by the Consultant. If the term of the Contract is extended pursuant to the Clause 13 of the GCC, then the Consultant shall also extend the validity of the Performance Security for an equivalent period. |
| <b>21.</b>  | The Client reserves the right to determine on a case-by-case basis whether the Consultant should be disqualified from providing Services described in Clause 21.1.3.  |

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| <p><b>23.1</b></p> | <p>(i) The maximum overall liability of the Consultant under this Contract shall not exceed the Total Value of Contract.</p> <p>(ii) Provided that the above limitation of liability shall not apply and the Consultant’s liability shall be unlimited in the following instances:<br/>         (a) for damage to third parties caused by the Consultant, any Personnel, person or firm acting on behalf of the Consultant in carrying out the Services;<br/>         (b) if any limitation or exclusion from liability is prohibited by the Applicable Law.<br/>         (c) for breach of Applicable Law and any applicable permits;<br/>         (d) for breach of any third party Intellectual Property Rights;<br/>         (e) for fraud and willful misconduct;<br/>         (f) for any gross negligence;<br/>         (g) for damage to or loss of third party property;<br/>         (h) for misrepresentation by the Consultant; and<br/>         (i) bodily injury or loss of life</p> <p>(iii) Except in the case of gross negligence or willful misconduct on the part of the Consultant, the Personnel or any person or a firm acting on behalf of the Consultant in carrying out the Services, the Consultant shall not be liable to the Client for any indirect or consequential loss or damage.</p> |
| <p><b>24.1</b></p> | <p>The insurance coverage against the risks shall be as follows:</p> <p>(i) Professional liability insurance, with a minimum coverage of equal to the Total Value of Contract.</p> <p>(ii) Third Party motor vehicle liability insurance in respect of motor vehicles operated in India by the Consultant or its Personnel, with a minimum coverage as per Indian Motor Vehicle Act 1988 and any amendments thereof.</p> <p>(iii) Third Party liability insurance, with a minimum coverage in accordance with the Applicable Law.</p> <p>(iv) Employer’s liability and workers’ compensation insurance in respect of the Personnel in accordance with Applicable Law, including any life, health, accident, travel or other insurance as may be appropriate for the Personnel.</p> <p>(v) Insurance against loss of or damage to: (a) equipment purchased in whole or in part with funds provided under this Contract, (b) the Consultant’s property</p>  |

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|                    | <p>used in the performance of the Services, and (c) any documents prepared by the Consultant in the performance of the Services.</p> <p>Within fifteen (15) days of receiving any insurance policy certificate in respect of insurances required to be obtained and maintained under this Clause, the Consultant shall furnish to the Client, copies of such policy certificates, policies and evidence that the insurance premia have been paid in respect of such insurance. No insurance shall be cancelled, modified or allowed to expire or lapse during the term of the Contract.</p> <p>If the Consultant fails to effect and keep in force the insurances set out above, the Client shall, without prejudice to its other rights under the Contract, have the right, to procure and/or keep in force the aforesaid insurance(s), pay the premium as required and recover the costs thereof from the Consultant. If the Consultant fails to reimburse the Client for any insurance premium paid by the Client on behalf of the Consultant, the Client may deduct the relevant amount from the next payment to be made in accordance with the Payment Schedule.</p> <p>The Consultant shall ensure that, in each insurance policy, the Client is named as the beneficiary.</p> |
| <p><b>29</b></p>   | <p>The Consultant shall be liable to pay delay liquidated damages at the rate of zero point five percent (0.5%) of the Total Value of Contract per week or part thereof of delay, for each Module in respect of which there has been a delay. Provided that the maximum delay liquidated damages paid by the Consultant to the Client under the Contract shall not exceed ten percent (10%) of the Total Value of Contract.</p>  |
| <p><b>43.1</b></p> | <p><b>Payments shall be made according to the following schedule (Payment Schedule)<sup>2</sup>:</b></p>   |

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<sup>2</sup> Based on the discussions with the Consultant, the manner in which each milestone payment will be allocated between different Modules will be set out here.

6. Although, the Consultants have quoted for the entire project in lump-sum ,the detailed breakdown of cost and man power deployment shall be provided. The same will be scrutinized and shall be finalized prior to signing of Agreement and the same will be the basis for levying penalties and variations, if any, during the execution of the contract.

2.1 Payment terms for works, goods & services Based Projects:

| No           | Deliverables   | Payment Schedule |
|--------------|--|------------------|
| 1            | Concept preparation, & Draft feasibility report containing structure & preliminary financials  | 5%               |
| 2            | Detailed Feasibility Study, Financial model, Project structure justification (EPC/PPP), First Stage approval of the project  | 15%              |
| 3            | Draft DPR  | 10%              |
| 4            | Bid documents, draft Contract/Concession Agreement   | 10%              |
| 5            | Final Approved DPR, Bid Documents (EOI, RFQ, RFP as applicable), Contract/Concession Agreement, including Approval of all the above by the Client  | 15%              |
| 6            | Successful running of the bid process, signing of Contract/Concession Agreement + Financial Closure for PPP project by developer (if applicable)   | 25%              |
| 7            | Supervision during the execution of the project  | 20%              |
| <b>Note:</b> | <p><i>The above payment mechanism will hold for all the projects individually, as per the fees quoted by the bidder. In case the Client decides to break-down any of the Smart City Projects into smaller components as deemed necessary or in case the Client decides to implement the projects in phases as deemed necessary, for such smaller components the pro-rata portion of the fees quoted would be considered for payment &amp; the above payment mechanism would be applicable to such smaller components or phase-wise implementation of Smart City Projects. Also, in case the Consultant is not delivering any of the above deliverables or if certain activities from the above list of deliverables are already taken up by the Client, the corresponding payment for such activities shall not be made to the Consultant.</i></p> |                  |

**Note:**

1. Any change in scope will be reviewed by a Committee constituted by the SPV/Government. The decision of the Committee shall stand final with respect to type and extent of change in scope.
2. The consultants are expected to do a proper feasibility study prior to proposing any projects.
3. The consultants are expected to do a proper feasibility study prior to proposing any projects.
4. The SPV will be responsible for monitoring PMC performance and initiate actions for non-compliance with the Terms of Reference. Based on the periodic review of the performance of PMC, necessary action will be initiated. In the event of total default / failure of the firm in execution of the services, the employer reserves the right to get the work executed by any other consultancy firm at the risk and cost of the defaulting consultancy firm. Decision of employer is final & binding on the consultancy firm.
5. **Penalty for delays in submission of deliverables for works, goods & services Based Projects:** If the consultants fails to submit the deliverables as mentioned, within prescribed timelines, the Employer shall, without prejudice to its other remedies under the Contract, deduct from the payable fee, as penalty, a sum equivalent to 0.5 % of the consultancy fee, for each day of delay until actual submission or , up to a maximum deduction of 20% of the consultancy fee payable for that particular stage of payment. Once sum of such penalties reaches the maximum of 10% of the overall consultancy fee payable, the Employer may consider termination of the Contract pursuant to GCC Clause. No penalty will be levied for delays not attributable to the consultants.

|                             |  |
|-----------------------------|--|
|                             | <div data-bbox="505 206 1495 370" style="border: 1px solid black; margin-bottom: 10px;">  </div> <p>(a) Only Goods and service tax chargeable in respect of this Contract for the Services provided by the Consultant shall be paid by the Client to the Consultant.</p> <p><b>The amount of such taxes is</b> <span style="float: right;"><i>[insert the amount as finalized at the Contract's negotiations on the basis of the estimates provided by the Consultant in Form FIN-2 of the Consultant's Financial Proposal.]</i></span></p>  |
| <p><b>44.1 and 44.2</b></p> | <p><b><u>For domestic consultants / personnel and foreign consultants/personnel who are permanent residents in India</u></b></p> <p>(a) Other than any indirect local Taxes chargeable in respect of this Contract for the Services provided by the Consultant, which shall be reimbursed by the Client to the Consultant, the Consultant and the Personnel shall pay the Taxes levied under Applicable Laws during the term of the Contract and the Client shall perform such duties in regard to the deduction of such Taxes as may be lawfully imposed.</p> <p>The Client warrants that the Client shall reimburse the Consultant for any indirect Taxes imposed under Applicable Laws , on the Consultant in respect of:</p> <ul style="list-style-type: none"> <li>(i) any payments whatsoever made to the Consultant and the Personnel, in connection with the carrying out of the Services;</li> <li>(ii) any equipment, materials and supplies brought into India by the Consultant for the purpose of carrying out the Services and which, after having been brought into such territories, will be subsequently withdrawn by them;</li> <li>(iii) any equipment imported for the purpose of carrying out the Services and paid for out of funds provided by the Client and which is treated as property of the Client;</li> <li>(iv) any property brought into India by the Consultant or the Personnel (other than nationals or permanent residents of the India), or the eligible dependents of such Personnel for their personal use and which will subsequently be withdrawn by them upon their respective departure from the Client's country, provided that:             <ul style="list-style-type: none"> <li>(i) the Consultant and its Personnel shall follow the usual customs procedures of India in importing property into India; and</li> </ul> </li> </ul> |

|             |  |
|-------------|--|
|             | <p>(ii) if the Consultant or Personnel do not withdraw but dispose of any property in India upon which customs duties and Taxes have been exempted, the Consultant or Personnel, as the case may be, (a) shall bear such customs duties and Taxes in conformity with Applicable Laws; or (b) shall reimburse them to the Client if they were paid by the Client at the time the property in question was brought into India.</p>   |
| <b>46.2</b> | <p>Each invoice will be accompanied by the following supporting documents in accordance with the Terms of Reference set out in the RFP:</p> <p>i) Time sheet of the relevant Personnel; and<br/>ii) Progress reports.</p>  |
| <b>46.3</b> | <p>Each milestone invoice will be accompanied by the following supporting documents:</p> <p>(i) Deliverable Acceptance Certificate; and<br/>(ii) Progress reports in accordance with the Terms of Reference set out in the RFP.</p>  |
| <b>46.5</b> | <p><b>The accounts are:</b><br/>for local currency INR: <i>[insert account]</i>.</p>   |
| <b>47.1</b> | <p><b>The interest rate is:</b> <i>SBI Base rate</i></p>   |
| <b>50.1</b> | <p>Disputes shall be settled by arbitration in accordance with the following provisions:</p> <p>1. <u>Selection of Arbitrators.</u> Each dispute submitted by a Party to arbitration shall be heard by a sole arbitrator or an arbitration panel composed of three (3) arbitrators, in accordance with the following provisions:</p> <p>(i) Where the Parties agree that the dispute concerns a technical matter, they may agree to appoint a sole arbitrator or, failing agreement on the identity of such sole arbitrator within thirty (30) days after receipt by the other Party of the proposal of a name for such an appointment by the Party who initiated the proceedings, either Party may apply to <i>[Chairman (Delhi State Centre), The Institution of Engineers (India), New Delhi]</i> for a list of not fewer than five (5) nominees and, on receipt of such list, the Parties shall alternately strike names there from, and the last remaining nominee on the list shall be the sole arbitrator for the matter in dispute. If the last remaining nominee has not been determined in this manner within sixty (60) days of the date of the list,</p> |

|  |  |
|--|--|
|  | <p><i>Chairman (Delhi State Centre), The Institution of Engineers (India), New Delhi</i> shall appoint, upon the request of either Party and from such list or otherwise, a sole arbitrator for the matter in dispute.</p> <p>(ii) Where the Parties do not agree that the dispute concerns a technical matter, the Client and the Consultant shall each appoint one (1) arbitrator, and these two arbitrators shall jointly appoint a third arbitrator, who shall chair the arbitration panel. If the arbitrators named by the Parties do not succeed in appointing a third arbitrator within thirty (30) days after the latter of the two (2) arbitrators named by the Parties has been appointed, the third arbitrator shall, at the request of either Party, be appointed by <i>Registrar, The Indian Council of Arbitration, New Delhi</i>.</p> <p>(iii) If, in a dispute subject to paragraph (ii) above, one Party fails to appoint its arbitrator within thirty (30) days after the other Party has appointed its arbitrator, the Party which has named an arbitrator may apply to the <i>Registrar, The Indian Council of Arbitration, New Delhi</i>. to appoint a sole arbitrator for the matter in dispute, and the arbitrator appointed pursuant to such application shall be the sole arbitrator for that dispute..</p> |
|  | <p>2. <u>Substitute Arbitrators.</u> If for any reason an arbitrator is unable to perform his/her function, a substitute shall be appointed in the same manner as the original arbitrator.</p> <p>3. <u>Nationality and Qualifications of Arbitrators.</u> The sole arbitrator or the third arbitrator appointed pursuant to paragraphs 1(i) through 1(iii) above shall be an internationally recognized legal or technical expert with extensive experience in relation to the matter in dispute and shall not be a national of the Consultant’s home country. For the purposes of this Clause, “home country” means any of:</p> <p>(i) the country of incorporation of the Consultant; or</p> <p>(ii) the country in which the Consultant’s principal place of business is located; or</p> <p>(iii) the country of nationality of a majority of the Consultant’s shareholders.</p>   |



|                  |   |
|------------------|---|
|                  | <p>However, the above restriction will not apply if the Consultant's home country is India.</p>   |
|                  | <p>5. <u>Miscellaneous</u>. In any arbitration proceeding hereunder:</p> <ul style="list-style-type: none"> <li>(i) the seat of the arbitration shall be India and the arbitration proceedings shall, unless otherwise agreed by the Parties, be held in Amaravati;</li> <li>(ii) the English language shall be the official language for all purposes;</li> <li>(iii) the arbitration shall be governed by the (Indian) Arbitration and Conciliation Act, 1996, as amended from time to time;</li> <li>(iv) responsibility of payment for all costs of arbitration shall be as per the arbitration award; and</li> <li>(v) the decision of the sole arbitrator or of a majority of the arbitrators (or of the third arbitrator if there is no such majority) shall be final and binding and shall be enforceable in any court of competent jurisdiction, and the Parties hereby waive any objections to or claims of immunity in respect of such enforcement.</li> </ul>   |
| <p><b>51</b></p> | <p>Performance Security</p> <ul style="list-style-type: none"> <li>(i) The Performance Security shall be for 5% of the Total Value of Contract</li> <li>(ii) The Performance Security shall be issued by a Scheduled Commercial bank in India and acceptable to the Client. The Performance Security shall be valid until a date 60 days beyond the issuance of the Completion Certificate.</li> <li>(iii) The Client shall not make a claim under the Performance Security, except for amounts to which the Client is entitled under the Contract in the event of: <ul style="list-style-type: none"> <li>(a) failure by the Consultant to extend the validity of the Performance Security on extension of the validity of the contract, in which event the Client may claim the full amount of the Performance Security,</li> <li>(b) failure by the Consultant to pay the Client an amount due, as either agreed or determined pursuant to the dispute resolution process specified in the Contract, within forty two (42) days after determination of the dispute;</li> </ul> </li> </ul> |

- (c) failure by the Consultant to pay any damages due to the Client under the Contract;
  - (d) failure by the Consultant to pay any amounts that are due to the Client on termination of the Contract;
  - (e) the Consultant engaging in any corrupt, fraudulent, coercive, collusive, undesirable or restrictive practice.
- (iv) If the Performance Security is or becomes invalid for any reason during the term of the Contract, the Consultant shall immediately notify the Client and provide the Client with a replacement Performance Security in the form set out in Appendix D within five (5) days of the earlier Performance Security becoming invalid.
- (v) If the validity period of the Performance Security is less than the period specified in sub-clause (ii) above, then no later than thirty (30) days before the expiry of the Performance Security, the Consultant shall obtain an extension of the validity of such Performance Security and provide the Client with a copy of the renewed security. If the Consultant fails to extend the Performance Security, the Client shall be entitled to draw on and claim the un-drawn amount thereunder, provided that the amount so received shall be treated as a cash security and to the extent that there are no outstanding claims, shall be released upon submission of a new Performance Security acceptable to the Client.
- (vi) The provision, maintenance or renewal of the Performance Security by the Consultant in accordance with the terms of the Contract, shall be a condition precedent to any payment by the Client to the Consultant.
- (vii) On completion of the contractual obligations under the Contract by the Consultant, the Client shall return the Performance Security within twenty one (21) days of the last payment made to the Consultant under the Contract.

**IV. Appendices**

**APPENDIX A – TERMS OF REFERENCE**

*[This Appendix shall include the final Terms of Reference (TORs) worked out by the Client and the Consultant during the negotiations; dates for completion of various tasks (Deliverables Milestones); location of performance for different tasks; detailed reporting requirements; Client's input, including counterpart personnel assigned by the Client to work on the Consultant's team; specific tasks that require prior approval by the Client.]*

*Insert the text based on the Section 6 (Terms of Reference) of the RFP and modified based on the Forms TECH-1 through TECH-4 in the Consultant's technical proposal. Highlight the changes to Section 6 of the RFP]*

**APPENDIX B - KEY EXPERTS  
& Additional Resource Pool**

*[Insert a table based on Form TECH-4 of the Consultant's Technical Proposal and finalized at the Contract's negotiations. Attach the CVs (updated and signed by the respective Key Experts or Additional Resources) demonstrating the qualifications of Key Experts or Additional Resources.]*

**List of Key Positions whose CV and Experience would be evaluated**

The Consultant has to estimate the staff requirement to satisfactorily complete the assignment. The staffing input requirement given below is only indicative and some positions need not be on full time basis, the Consultant has to make assessment of the requirements and submit the technical and financial Proposals accordingly. The following key professionals CVs will be evaluated.

The Consultant shall provide the Consultant's Personnel to fill the positions as listed in this Appendix throughout the term of the Contract.

| No | Position   | Desired Qualifications & Skills   | Desired Experience   |
|----|--|---|--|
| 1  | Team Leader cum Urban Management specialist                                    | Bachelors in Engineering with Masters in Urban Planning with MBA is desirable | 20 Years experience in Urban Sector. Experience of Project Management in Urban Infrastructure Works. Experience as Team leader/ Deputy Team leader for minimum one project. Knowledge of urban development issues and Project experience |
| 2  | Infrastructure/ Engineering Specialist with Civil building construction expert | Masters Degree in Civil Engineering   | 10 yrs experience in related assignment. Experience in working in building construction & urban infrastructure projects which shall include preparation of designs, drawings & DPRs.   |

|   |                              |  |  |
|---|------------------------------|--|--|
| 3 | Urban Finance Specialist     | MBA in Finance or CA with hands on experience in financial modelling of infra projects       | 10 years relevant experience. Experience of municipal finance analysis, municipal budgeting and accounting and financial projections. Experience in Financial Modeling for Infrastructure, PPP projects is required. Experience in Project Management, Project financing and contract structuring.   |
| 4 | Smart City Specialist        | Degree in Civil Engineering/Urban Planning + Master of Business Administration is desirable. | At least 6 years relevant experience. Experience in Smart City Projects & Smart City Funding. Experience in projects identification & conceptualization in green field scenario.   |
| 5 | E-Governance /ICT Specialist | Degree in Information Technology/ Electronics & Communication Engineering or equivalent      | Minimum 10 years' relevant experience. Experience in MIS for institutional / Governance level and integration of various user data. Hands-on experience of implementing Command Control Centre in similar projects, and good working knowledge of IoT, Artificial Intelligence, Data Analytics, Block Chain technology, Cyber Security. Experience in preparation of technical requirements document of the e- Services and solution to implementing the IT related infrastructure service/e-citizen services, networking infrastructure etc. Proven knowledge of modern Internet technologies and experience in software development projects/ GIS; Working experience in network administration and use of hardware/software, telecommunications facilities, |

| <b>Additional Resource Pool (Development Professionals): The following CVs shall be submitted by the Consultant.</b> |  |  |   |
|--|--|--|---|
| 1.   | Urban Designer -1  | Masters in Urban Design/Architecture or equivalent   | 12 years similar experience, preferably in a green-field scenario or similar international projects   |
| 2.   | Transportation Planner/ Engineer -1                          | Masters Degree in Transportation Planning/ Transportation Engineering/ Highway Engineering/ Highway Planning | 10 years of experience in the area of Urban Transportation Experience in preparation of Transit Oriented Development (TOD), Urban Mobility Plan, Technical studies, Multi-modal Integration plan, ITS |
| 3.   | Procurement Specialist - 1                                   | Degree in Engineering/ Management/ law / Business Administration or Equivalent                               | 10 years of experience in the area of public procurement. Experience in PPP & construction contract procurement/management in infrastructure projects.  |
| 4.   | Landscape / pavement design Architect -1                     | Degree in Architecture   | 10 years' relevant experience Experience in preparation of technical requirements/plans/document, pavement design / landscaping   |
| 5.   | Solar Energy/ Renewable Energy Expert -1                     | B-Tech in Electrical/ Power Engineering or equivalent  | 12 years of experience in power projects viz., planning/designing for power generation, transmission and distribution, including minimum 5 years in renewable energy                                  |
| 6.   | Electric Mobility Expert/ EV/Electrical/Mechanical Expert -1 | B-Tech in Electric Mobility /Mechanical/Automotive Engineering/ Similar                                      | 7 years of proven experience in working on similar projects Experience in EV modes like buses, cars, autos, rickshaws, bikes, and Charging infrastructure   |

IV. Appendices

|     |                                  |  |   |
|-----|----------------------------------|--|---|
| 7.  | Electrical Engineering Expert -1 | B-Tech in Electrical/ Power Engineering                                      | 12 years similar experience. Experience of working in Smart Metering, Smart Lighting, Smart Grids   |
| 8.  | Real Estate Expert -1            | Masters in Urban Planning/Housing/Civil or equivalent                        | 12 years similar experience Experience of working in Residential as well as Commercial Real Estate development projects, including EWS housing  |
| 9.  | Communication Specialist -1      | Masters in mass communication  | 10 years similar experience Experience in management of multimedia and activities pertaining to social media, awareness programs for Government projects                                    |
| 10. | Environment Management expert -1 | Postgraduate in Environmental Planning / Engineering /Environmental Sciences | 10 years' experience in conducting EIA, environment modelling & preparing Environmental Management plans, Clean Development mechanism, Clean energy, Municipal Solid Waste Management, etc. |
| 11. | Utility Engineer -1              | Degree in Civil/ Mechanical Engineering                                      | 10 years' similar experience Experience to handle city-level scope of essential utilities like Water, Power, City Gas, Sewage, etc.   |
| 12. | Social Development Specialist -1 | Masters Degree or equivalent in social development disciplines               | 10 years relevant experience Experience in urban social welfare projects/ community mobilization/ Social Development Sub-Plan   |
| 13. | Structural Engineer -1           | Masters in Structural Engineering  | 10 Years in Structural Engineering. Should have the experience in structural design of infrastructure projects.   |

|     |  |   |   |
|-----|--|---|---|
| 14. | GIS & Remote Sensing Expert -1               | MCA/ Post Graduate in any discipline and Diploma / degree in GIS                                | 7 years of experience in working on similar projects (i.e use of remote sensing & GIS technology in urban sector projects)<br>Knowledge of major GIS software products, GPS, total station, coordinate reference systems, satellite remote sensing technology and GIS applications. |
| 15. | Culture & Heritage conservation expert -1    | Bachelor's in Architecture or equivalent  | 10 years experience in projects of cultural importance, tourism projects, museums, development of local artisans/crafts, heritage conservation work.  |
| 16. | Business Analyst/ BPR Specialist -1          | MCA / Post Graduate in any discipline with diploma / degree in IT / BE/B-Tech. MBA is desirable | 10 years experience in similar field  |
| 17. | Information Security Systems Expert -1       | MCA/ B Tech / M Tech in IT with certification in CISSP/ CCSP                                    | 10 years experience in similar field  |
| 18. | Solution Architect -1                        | Degree in Information Technology/ Electronics Engineering or equivalent                         | 10 years experience in similar field  |
| 19. | Networking & IT Infrastructure Specialist -1 | MCA/ B Tech / M Tech in IT with certification in CCNA   | 10 years experience in similar field  |
| 20. | Construction Manager -1                      | Graduate in Civil Engineering   | 10 years' experience in construction management of Urban Service delivery projects (Water Supply/ Sewerage/ Drainage / Drainage/ Solid Waste Management). Knowledge of different construction methodologies.  |



*Note:*

- All Key Experts and Additional Resources working on SCP have to comply with the leave rules applicable in the Client office.
- The Key Experts and Additional Resources working on site are required to work on Saturdays.

**APPENDIX C – REMUNERATION COST ESTIMATES**

2. *[When the Consultant has been selected under Quality-Based Selection method, or the Client has requested the Consultant to clarify the breakdown of very high remuneration rates at the Contract's negotiations also add the following:*

*Should these representations be found by the Client (either through inspections or audits pursuant to Clause 27.2 or through other means) to be materially incomplete or inaccurate, the Client shall be entitled to introduce appropriate modifications in the remuneration rates affected by such materially incomplete or inaccurate representations. Any such modification shall have retroactive effect and, in case remuneration has already been paid by the Client before any such modification, (i) the Client shall be entitled to offset any excess payment against the next payment to the Consultants, or (ii) if there are no further payments to be made by the Client to the Consultants, the Consultants shall reimburse to the Client any excess payment within thirty (30) days of receipt of a written claim of the Client. Any such claim by the Client for reimbursement must be made within twelve (12) calendar months after receipt by the Client of a final report and a final statement approved by the Client in accordance with Clause 47.1(d) of this Contract.”*

**APPENDIX D - FORM OF PERFORMANCE SECURITY**

*[On Appropriate Stamp Paper]*

**Bank Guarantee No. [●]**

To ,

Amaravati Smart City Limited,

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

WHEREAS

\_\_\_\_\_(Name and Address of the Bidder) hereinafter called the “**Consultant**”  
has undertaken in pursuance of RFP No. \_\_\_\_\_ and LOA No. \_\_\_\_\_  
dated \_\_\_\_\_ to provide \_\_\_\_\_ (description of  
goods and services) hereinafter called the “**Contract**”.

AND WHEREAS it has been stipulated by you in the said contract that the consultant shall furnish you with a bank guarantee by a scheduled commercial bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract;

AND WHEREAS we have agreed to give the Consultant such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you on behalf of the consultant, up to a total of \_\_\_\_\_ (amount of the

guarantee in words and figures), and we undertake to pay you, upon the first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sums 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 or the sum specified therein.

We hereby waive the necessity of demanding the said debt from the consultant before presenting us the demand.

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

This guarantee shall be valid until the \_\_\_\_\_ day of \_\_\_\_\_  
Our branch at Amaravati is liable to pay the guaranteed amount depending on the filing of claim and any part thereof under this Bank  
Guarantee only and only if you serve upon us at our \_\_\_\_\_, Amaravati branch a written claim or demand and received by us at our \_\_\_\_\_  
Amaravati Branch on or before Dt. \_\_\_\_\_

\_\_\_\_\_ otherwise bank shall be discharged of all liabilities under this guarantee thereafter.

\_\_\_\_\_  
(Signature of the Authorised Officer of the bank)

\_\_\_\_\_  
Name and Designation of the Officer  
\_\_\_\_\_  
\_\_\_\_\_

Seal, name and address of the Bank and address of the Branch

**APPENDIX E – SERVICES SCHEDULE**

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**APPENDIX F – SMART CITY PROPOSALS**