

## **CITIIS – Child Friendly Doon**

The CITIIS (City Investments to Innovate, Integrate and Sustain) program is conceptualised to assist Indian cities in implementing urban infrastructure projects that are integrated, innovation driven and sustainable. CITIIS is supported by the Ministry of Housing and Urban Affairs (MoHUA), Agence Française de Développement (AFD) and the European Union (EU). The aim of the project is to provide financial assistance by way of grants and technical assistance through international and domestic experts. The project is being coordinated and managed by the Program Management Unit (PMU) at the National Institute of Urban Affairs (NIUA) in New Delhi.

The program combines financial assistance through loans and technical assistance through grants to the selected cities. The selected projects will improve sustainable mobility, increase the amount of public open spaces, implement technology to improve e-governance and drive social and organizational innovation in low income settlements.

**Theme of the Project** – Sustainable Mobility

**CITIIS Grant** – Rs. 46.40 Crore

**Project Cost** – Rs.58.00 Crore

### **Surveys**

Three Surveys has been done in the project which are as follows:

1. School Survey
2. Transect Study and Mapping of street
3. Survey with Shopkeepers and Pedestrians

### **Feasibility Report**

The Feasibility Report has been Endorsed by the SPV in consultation with Domestic and International mentors.

### **Detailed Project Report**

The DPR has been approved by the DSCL Board and has been endorsed by the SPV.

## **E&S, Screening ESIA and ESMP**

1. The Environment and Social Screening has been submitted by the E&S Nodal Officer and Endorsed by the SPV.
2. The Environment and Social Impact Assessment has been submitted by the E&S Nodal Officer and Endorsed by the SPV.
3. The Environment and Social Management Plan has been submitted by the E&S Nodal Officer and Endorsed by the SPV.

## **4. Communication and Outreach Plan**

The Communication and Outreach Plan has been submitted by the PEPO and endorsed by the SPV.

## **M&E Report**

Monitoring and Evaluation Report has been endorsed by the SPV in consultation with DE.

## **Maturation Phase Report**

The Maturation Phase report has been endorsed by SPV in consultation with IE.

## **Staffing Plan**

Staffing Plan has been endorsed by the SPV in consultation with the DE.

## **Points to Discuss.**

Waiting for the APEX committee review for final approval to go ahead for implementation Phase.

# INDIA NON JUDICIAL

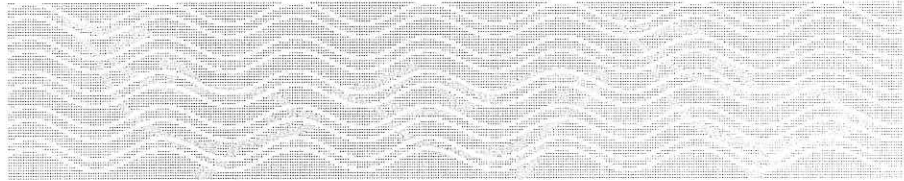
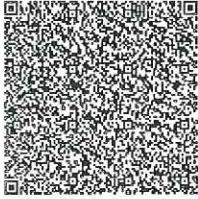
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### City Investments to Innovate, Integrate and Sustain (CITIIS) Program

CITIIS Tripartite Agreement for the Project  
Child Friendly and Commuter-Centric Dehradun Smart City Sustainable Mobility Plan

Signed amongst

Ministry of Housing and Urban Affairs – Government of India  
The State of Uttarakhand and  
Dehradun Smart City Limited (DSCL), City of Dehradun

#### Statutory Alert:

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Whereas:

- *Credit Financing and Grant Facility Agreements were signed on 10th March 2018 between the French Development Agency and the Government of India to implement the "CITIIS program"*
- *An Office Memorandum was signed by the Ministry of Housing and Urban Affairs (MoHUA) on 18th June 2018 designating National Institute of Urban Affairs (NIUA) as the CITIIS Program Management Unit (PMU)*
- *The main program documents (CITIIS guidelines, Program document, Program manual) were approved by the Apex Committee on 18th June 2018.*
- *A letter of intent to participate in the CITIIS program and endorse its financial and operational procedures was signed by the project owner (SPV) and the respective State Government (represented by Principal Secretary Urban Development)*
- *The Apex Committee dated 28.02.2019 approved this tripartite agreement template as the contractual agreement between winners of the CITIIS challenge, representing state government and MoHUA*

Amongst (three parties)

The Ministry of Housing and Urban Affairs,

- Represented by **Joint secretary and Mission Director, Smart City Mission, MoHUA** who is duly authorized to sign this agreement

The State Government

- Represented by **Secretary, Urban Development Department**, who is duly authorized to sign this agreement

The winner of the CITIIS Challenge (project owner)

- Project title "Child Friendly and commuter centric Dehradun Smart City Sustainable Mobility Plan" of the Dehradun Smart City Limited SPV

- Represented by **Chief Executive Officer, Dehradun Smart City Limited**, who is duly authorized to sign this agreement

(Hereinafter jointly referred to as the "Parties" and individually as a "Party")

**Clause 1. OBJECTIVE AND SCOPE**

- 1.1 The project "Child Friendly and Commuter-Centric Dehradun Smart City Sustainable Mobility Plan" submitted by Dehradun Smart City Limited under CITIIS Challenge has been selected as one of the beneficiaries for the technical and financial assistance.
- 1.2 The purpose of this CITIIS Tripartite Agreement (known as the "Agreement") is to determine the conditions under which the MoHUA, the State, and the SPV participates in the financing of studies, work, and other activities related to the Maturation Phase, the implementation and the capitalization, as part of the project "Child Friendly and Commuter-Centric Dehradun Smart City Sustainable Mobility Plan" for the city of Dehradun. This project encourages a modal shift to public transportation system with feeder services and Non-motorised Transport (NMT) across the city to reduce air pollution, road accidents, congestion and wastage of time and money for residents, students and tourists.
- 1.3 It sets the tentative funding breakdown depending on the nature and support needs required for the SPV to successfully implement the project.
- 1.4 Subsequent agreement shall be attached to this framework agreement during the course of implementation.
- 1.5 A CITIIS project **Maturation roadmap** must be signed by all parties and attached as the annex 8 of the present framework agreement. It shall specify the program of action and studies required during the maturation phase to enhance the ambition of the project in terms of CITIIS objectives (sustainability, participatory approach to urban development, integration of actions and innovation measures), detail



a set of actions to develop the capacities of the project management team, and present the project logical framework.

- 1.6 A final CITIIS project maturation report must be approved by all parties and attached as the annex 9 of the present framework agreement. This document shall include the CITIIS grant implementation budget and allocation.

## **Clause 2. DEFINITIONS AND ACRONYMS**

For the purpose of this agreement, these are considered:

- 2.1 The term "PMU" (program management unit) refers to the National Institute of Urban Affairs.
- 2.2 The term "Project Owner" refers to the smart city Special Purpose Vehicle (SPV) in charge of implementing the smart city proposal at the city level. This is the legal entity responsible for the implementation of the smart city proposal and its innovation component under the CITIIS program, represented by a qualified person to sign the framework agreement for project. He is responsible for the execution of the CITIIS project Maturation roadmap (implementation and formalization of the collaboration between the project partners, coordination and monitoring of the program, management of the steering committees, production of the project deliverables and communication results) and justifies its progress. The Project Owner is responsible for mobilizing the dedicated resources to carry out the actions in coherence with the overall smart city project.
- 2.3 The term "confidential information" means all information and documents, whatever their nature and, in particular, technical, commercial, strategic or financial, and regardless of the medium, written or printed software, products, reports, narratives, financial statements, forecasts, market and other studies, submitted as confidential by one Party and forwarded to the other in writing in strict compliance with this Grant Agreement for Implementation maturation roadmap.

### **Expressions and terms specific to CITIIS are the following:**

- 2.4 The term CITIIS guidelines refers to the CITIIS challenge guidelines published on [smarnet.niua.org/citiis](http://smarnet.niua.org/citiis)
- 2.5 The term CITIIS challenge refers to the call for project launched on 9th July 2018 by MoHUA
- 2.6 The term "CITIIS project" refers to all the operational actions to be taken during the maturation and implementation phases of the project co-financed by CITIIS program
- 2.7 The term "CITIIS project bank account" refers to a bank account opened by the Project owner specially dedicated to the CITIIS project.
- 2.8 The Project Logical Framework refers to the presentation of the project objectives, results and activities as well as its and follow up indicators
- 2.9 The term "Results-Based Management (RBM)" tool is an easy-to-use, step-by-step monitoring tool for the SPV to monitor the project indicators defined in the Project Logical Framework.
- 2.10 The term "CITIIS expertise" refers to the technical support provided by the PMU to the project owners through (i) a dedicated mentor, providing regular expertise on project management and participatory approach to urban project; (ii) a pool of experts providing expertise on several cross-cutting topics, such as legal framework, E&S risk management, gender analysis, social engineering, business model, technical specification, especially with respect to the Indian context.
- 2.11 The terms "Maturation" or "Maturation Period" or "Maturation Phase" refers to the period aimed at strengthening and refining the selected projects through CITIIS expertise. During this period



selected Smart City SPVs will work with the mentors to develop the project documents and enhance the quality of the project proposal, and more particularly on the CITIIS program main objectives (sustainability, participatory approach, integration and project innovation). Duration of this phase for any selected project will depend upon the readiness of the SPVs in terms of CITIIS project requirements adherence. This phase shall last approximately 6 months for each awarded project. **No work or/and procurement except for project experimentation and design testing shall be initiated by the Project Owner during this phase.**

- 2.12 The term "CITIIS project Maturation Roadmap" refers to all the actions and operations to be implemented and monitored during CITIIS project's Maturation Phase accompanied by the CITIIS expertise, in order to finalize the preparation phase of the project. The Roadmap will be structured around two components: (i) the activities to optimize project design, procurement and implementation; and (ii) the capacity development activities to strengthen the Project Owner capacities related to CITIIS objectives. It shall also include the Project Logical Framework with relevant indicators for results and outcomes.
- 2.13 The term "Final Maturation Report" refers to the document prepared by the CITIIS expertise at the end of the Maturation Phase to present the final deliverables including at least the CITIIS project documents (Detailed Project Reports, Environmental and Social Commitment Plan, Procurement Plan, etc.) the completed capacity building activities (training, workshops, etc.) and the recommendation for the implementation phase.
- 2.14 The term "CITIIS Tripartite Agreement " means the agreement signed between the MoHUA, the State Government and the winning Project Owner (SPV) of the CITIIS challenge. This agreement sets the framework for the Maturation and implementation phases of the Project.
- 2.15 The term "CITIIS Maturation project grant" means the budget allocated by the MoHUA (up to 10% of the total Project Cost) to Project Owners for conducting additional studies and strengthening of the project, with help of the mentor.
- 2.16 The term "CITIIS implementation project grant" means the budget allocated by the MoHUA to Project Owners once the Maturation Phase is completed, for the implementation of the CITIIS project", during the project's implementation phase.
- 2.17 The term "Apex Committee" means the committee in charge of the selection of projects and the implementation of CITIIS program. The Apex Committee is chaired by the Joint Secretary and Smart Cities Mission Director (MoHUA) and composed of representatives of AFD, NIUA European Union or any other member co-opted by the Apex Committee
- 2.18 The term "AFD" refers to the Agency for French Development, French public entity (établissement public) funding the CITIIS program, governed by French law, registered with the Trade and Companies Register of Paris under number 775 665 599
- 2.19 The term "EU" refers to the European Union, supporting the Technical Assistance component of the CITIIS program.

### **Clause 3. ENTRY INTO FORCE, DURATION, TERMINATION**

- 3.1. The Agreement shall enter into force on the day of its signature by the Parties for a period of 36 months. The end date of the validity of the agreement is 5<sup>th</sup> March 2022. The Agreement terminates on the date of repayment of the CITIIS Grant and the interest thereon, if that date is before the end date of validity of the agreement.
- 3.2. Commencement: 6<sup>th</sup> March 2019; end of execution: not later than 5<sup>th</sup> March 2022.



- 3.3. The Project Owner commits himself to this schedule and the submission of deliverables within the framework of the schedule of realization.
- 3.4. The MoHUA may terminate the Agreement in the event that the Credit financial agreement signed between the Government of India and AFD is terminated. The PMU shall inform the Project Owner so that the agreement can be terminated. This termination does not entitle any compensation whatsoever to the Project Owner.

#### **Clause 4. INSTITUTIONAL ARRANGEMENT**

The Project 'Child Friendly and Commuter-Centric Dehradun Smart City Sustainable Mobility Plan' will be implemented by the SPV Dehradun Smart City Limited, under the supervision of the MoHUA, PMU and guidance of the mentor and experts assigned. The Apex Committee, comprising of representatives of MoHUA, AFD, EU and NIUA shall periodically assess the progress of the Projects.

Role and commitment of each of the parties shall include but not limited to:

- 4.1 **Role and commitment of MoHUA**  
MoHUA being the primary beneficiary of the Credit Facility Agreement signed with AFD, it shall release the grant to respective State Governments as per the drawdown mechanism mentioned in Clause 6. MoHUA shall supervise implementation of the program through the PMU set-up at NIUA.
- 4.2 **Role and commitment of the State Government**  
State Governments shall repay 50% of the CITIIS Grant and the interest thereon provided to the SPVs as mentioned in clause 5. The State Government shall be responsible for releasing the funds received from MoHUA as a grant to the Project Owner within two weeks of the receipt of the funds. The State Government shall also monitor the progress of the projects.
- 4.3 **Role and commitment of the SPV**  
SPVs being the final beneficiary of the grant, they shall be responsible for overall Maturation and implementation of the project under the guidance of mentors assigned and supervision of the PMU.

#### **Clause 5. FINANCIAL COMMITMENT**

- 5.1. The proposed total cost of the CITIIS project is INR 58,00,00,000.
- 5.2. The maximum amount of the CITIIS grant is INR 46,40,00,000, corresponding to 80% of the total project cost. The awarded SPV is required to find the additional funds of INR 11,60,00,000 to abide by the co-construction view of the project.
- 5.3. The Schedule of payment is detailed in clause 6 "Drawdown of funds"
- 5.4. The CITIIS implementation grant amount shall be readjusted at the end of the Maturation Phase based on the CITIIS Maturation report, the recommendation of the mentor. The trigger of the implementation phase will be decided by the Apex committee.
- 5.5. Government of Uttarakhand agrees to repay the 50% of the CITIIS grant and the interest thereon. The state Government order endorsed by the state finance department for Uttarakhand is attached to this agreement.
- 5.6. The repayment will consist of thirty semi-annual instalments, due and payable on each instalment date. The first instalment shall be due and payable on September 10<sup>th</sup>, 2023 and the last instalment shall be due and payable on March 10<sup>th</sup>, 2038.



5.7 The interest rate will be floating, calculated on a margin of EURIBOR basis + 125 basis points.

**5.8 Cost escalation and additional financing**

The amount of the CITIIS grant is a maximum amount. The Parties shall not substantially amend or alter the Financing Plan of the selected Project(s) after the selection phase without obtaining the APEX’s prior written consent. Any additional costs not anticipated in the Financing Plan shall be incurred by the concerned State/UT/ULB/SPV.

**Clause 6. DRAWDOWN OF FUNDS**

**6.1 Drawdown mechanism**

Processing the payment consists of four phases:

- 1) The project owner shall issue a request of drawdown to the PMU using the “drawdown request form”, accompanied by supporting documents – the drawdown request form, the utilization certificates, wherever applicable; and last SPV audit.
- 2) The PMU shall verify and approve the request of payment before sending it to the MoHUA.
- 3) Apex Committee shall validate and transfer to the MoHUA Accounting Officer, who shall make the computerized payment to the State account.
- 4) The State Government shall then release the payment to the project owner within two weeks of the receipt of the funds.

The mechanisms for release of these funds shall be:

First Instalment	Maturation grant: Upto 10% of the total CITIIS Grant. The maturation grant shall not exceed 10% of the total project cost. The project owner's request for payment must be accompanied by: (1) the drawdown request form (Annex 6); and (2) the last SPV audit.
Second Instalment	Upto 40% of the approved grant to start the implementation - If the maturation phase deliverables endorsed by the mentor are deemed acceptable for implementation, the first upto 40% of the CITIIS grant for implementation will be disbursed. The project owner's request for payment must be accompanied by (1) the drawdown request form (Annex 6); (2) the last SPV audit, (3) the utilization certificates, showing 80% utilization of the first instalment, (4) Variance Project Reporting requirement including the Results Based Management (RBM) tool endorsed by the Mentor and Project Manager (5) Progress on the Environmental and Social Commitment Plan endorsed by the E&S officer for the SPV and the Mentor; (6) Maturation Report and (7) Detailed Project Report
Third Instalment	Upto 40% of the approved grant –. The project owner’s request for payment must be accompanied by (1) the drawdown request form (Annex 6); (2) the last SPV audit (3) the utilization certificates, showing 80% utilisation of the second instalment mentioned above and 100% utilisation of the first instalment, (4) the Project Implementation Progress Report endorsed by the Mentor and the SPV CEO demonstrating satisfactory physical progress and (5) Variance Project Reporting requirement including the Results Based Management (RBM) tool endorsed by the Mentor and Project Manager (6) Progress on the Environmental and Social Commitment Plan endorsed by the E&S officer for the SPV and the Mentor and (7) Timely updation of the dashboard
Fourth Instalment	Final instalment (Remaining amount) - once 80% of the third instalment mentioned above has been utilized and 100% of the second instalment has been utilized, the final instalment of the remaining CITIIS grant maybe disbursed. The project owner’s request for payment must be accompanied by (1) the



	drawdown request form (Annex 6); (2) the last SPV audit (3) the utilization certificates , showing 80% utilisation of the second instalment mentioned above and 100% utilisation of the second instalment, (4) the Project Implementation Progress Report endorsed by the Mentor and the SPV CEO; and (5) Variance Project Reporting requirement including the Results Based Management (RBM) tool endorsed by the Mentor and Project Manager. (6) Progress on the Environmental and Social Commitment Plan endorsed by the E&S officer for the SPV and the Mentor and (7) Timely updation of the dashboard
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*A minimum of 2% of the total project costs will be earmarked over the three year period for communication programs in order to enhance the participatory, outreach and visibility aspects of the projects.*

*A minimum of 5% of the total project costs will be dedicated over the three year period to Human Resources (HR) related costs.*

The project owner has the possibility to request a down payment, on justification of the financial progress of the actions of the maturation roadmap. The PMU, after verifying the admissibility of the application and certifying the service, shall if necessary carry out any verification operations, which they consider useful, before transferring the form request for payment to MoHUA.

## 6.2 Account details

The CITIIS project bank account to be credited for receipt of the funds is as follows:

- Account Details: **Name of Account-Dehradun Smart City Ltd.-CITIIS Project, ICICI Bank Ltd., Branch-Arhat Bazaar, Dehradun, Account No.-424005500041**

- BIC: **ICICINBBCTS**

- IBAN: **ICICINBBCTS**

Any change of account details requires a requisition from the project owner addressed to the PMU.

This account is specific to the CITIIS project and will receive funds pertaining to the CITIIS grant and to the remaining funds (project cost – CITIIS grant) needed to be raised by the project owner.

## 6.3 Audit control

An annual audit shall be commissioned by the project owner based on the Smart Cities Mission requirement. This report shall dedicate a specific part on the use of fund of the CITIIS Grant linked to the specific CITIIS project bank account. It shall be shared to MoHUA and PMU on an annual basis. The audit report shall include scrutiny of each individual procurement transaction during the concerned period to identify any irregularity and malpractices by the awarded SPVs.

The PMU can schedule controls with the project owner. These controls may include exhaustive physical and administrative audit control, or simply cover a sample of actions. The PMU may at any time commission audit missions, on his own initiative, at the request of a Party or the Apex Committee. The result of these audits will be made known to the Parties.

## Clause 7. MATURATION PHASE

The content of the Maturation phase is defined as actions contributing to the development of Detailed Project Reports, Environmental and Social Management Plan (ESMP), Procurement plan for the project under the guidance of mentors assigned to the project. To achieve these, a maturation roadmap shall be prepared with the help of the CITIIS technical assistance during the first onsite mission. This roadmap shall be approved by the project owner and validated by the PMU. The project owner commits himself to carry out the actions in the respect of the maturation roadmap.



## 7.1 Maturation Phase validation

At the end of the Maturation Period, the SPV will have to submit the following compliance documents to request the triggering by the Apex Committee of the implementation phase and its subsequent instalments. These documents pertain to:

- Environmental and Social Commitment Plan (ESCP)
- Monitoring and Evaluation Plan (MEP) that adopts the Project Logical Framework (PLF) and the set of indicators for measuring impact of the project
- Audited statements for 10% Maturation funds

Compliance Documents:

- o Procurement Plan
- o Communication and Outreach Plan
- o Maturation Phase final report endorsed by the Mentor and SPV CEO for implementation
- o DPR for implementation endorsed by the Mentor and SPV CEO
- o Proof of raising of funds (Project Costs – CITIIS Grant) by showing those funds being deposited in the project account.
- o Drawdown request letter

The ESCP and the MEP have to be agreed upon and endorsed by the Project-In-Charge, the Mentor and the SPV CEO for submission. The mentor recommendations should be clearly noted in the submission.

All the above deliverables will be reviewed by the Program Management Unit (PMU) and processed for further approval by the Apex Committee.

The project will be moved to a No-Go condition meaning that no implementation funds will be released. This will be done in case of the any/all of the following conditions being true:

- Non-submission of the any of the compliance documents mentioned above
- The Environmental and Social assessment carried out during the Maturation Period, as part of developing the ESCP detecting the nature of the project being category A– *any project which presents significant resettlement and rehabilitation issues affecting more than 200 project affected persons, meaning 200 or more persons experience major impacts, which are defined as (i) being physically displaced from housing, or (ii) losing 10% or more of their productive (income generating) assets.*
- Failure to raise the remaining funds for the implementation

In such a case, the state Government will take the responsibility of repayment of the entire Maturation amount that was already released to the SPV. MOHUA, the nodal Government agency will adjust the Maturation amount against the Smart City Mission funds that are due to be released to the SPV.

## Clause 8. IMPLEMENTATION PHASE

On the basis of validation of the project Maturation as per clause 7.1, the project shall be moved into implementation phase and drawdown mechanism as mentioned in clause 6.1 shall apply. Each SPV will be given technical assistance for the 3 year program duration. This technical assistance will include one global expert and one domestic expert, both of whom will spend 1 week per quarter in the city and an additional week in offsite assistance and compliance reporting. Each SPV is expected to agree to the mobilize the project team to work with the mentor and the domestic expert to develop the schedule of visits for at-least two quarters. For reasons of productivity and efficiency, this schedule will not be changed under any circumstances.

The agenda for each visit should be jointly produced by the project-in-charge and the mentors and the issues to be resolved and discussed during the week of the visit. The project-in-charge will also endorse the report that the mentors will submit at the end of every visit. Any information necessary for the mentors to engage with the SPV in a productive manner will be furnished by the SPV in a timely manner. This information can be but not limited to project maps, data, city development plan, smart city plan, list of stakeholders, minutes of stakeholder meetings etc. The SPV will also be required to



provide physical office space and infrastructure (phone, internet, printing facilities) to conduct project work.

The SPV cannot float works tenders before the start of the implementation phase (except for small-scale experimentations).

#### **Clause 9. INFORMATION SHARING**

The Parties commit to providing the PMU with any information in relation to the implementation of the Program which shall be recorded in the Program Documents, and include at least the annual SPV report, the SPV annual audits, the Utilisation Certificate.

#### **Clause 10. EVALUATION & SUPERVISION BY AFD**

The Parties acknowledges that AFD may carry out, or procure that a third party carries out on its behalf, an evaluation of the Project(s), with the view of producing an audit and performance report which may include, but not be limited to: total amount and duration of the Facility, objectives of the Project, expected and actual performance of the Project, assessment of its relevance, efficiency, impact and viability/sustainability.

The Parties agrees on the publication of this performance report, in particular, on the AFD's Website. The Parties further hereby authorize AFD or its representatives to carry out inspections, the purpose of which will be to assess the implementation of the Project on technical, financial and institutional aspects.

The Parties shall co-operate and provide all reasonable assistance and information to AFD and its representatives when carrying out such inspections, the timing and format of which shall be determined by AFD in consultation with the Parties.

#### **Clause 11. ARCHIVING OF DOCUMENTS**

The Parties shall retain and make available for inspection by AFD, all documents relating to the expenses of the Project for a period of ten (10) years from the date of the end of the implementation phase.

#### **Clause 12. AUTHORISATIONS**

The Parties shall promptly obtain, comply with and do all that is necessary to maintain in full force and effect any Authorisation required under any applicable law or regulation to enable it to perform its obligations under this Agreement and the Program Documents and to ensure their legality, validity, enforceability and admissibility in evidence.

##### **12.1 Implementation and Preservation of the Program**

The Parties shall:

- comply with all the terms of conditions of the Program Documents including CITIIS guidelines and implement the CITIIS project in accordance with the generally accepted safety principles and in accordance with technical standards in force; and
- maintain the CITIIS project assets in accordance with all applicable laws and regulations and in good operating and maintenance conditions, and use such assets in compliance with their purpose and all applicable laws and regulations.



## **12.2 Environmental and Social Responsibility**

In order to promote sustainable development, the Parties agree that it is necessary to promote compliance with internationally recognised environmental and labour standards and national. For such purpose, the SPVs comply with the ESCP attached as the annexure 7.

### **Clause 13: CITIIS PROJECT REPORTING**

With the assistance of Mentors, the SPVs shall update every month the project monitoring dashboard on the smartnet platform. The indicators shall be compliant with the program document, and shall include at least the following information:

- Monitoring of the Environmental and social commitment plan (as per the schedule 6);
- Physical progress indicators related to the implementation of the CITIIS Maturation roadmap (key activities performed during the past month, key upcoming activities, schedule actual vs planned, etc.);
- Technical and financing progress indicators related to the CITIIS implementation phase

In addition to the quarterly dashboard, the SPV shall submit a detailed progress report which will include the update of the CITIIS project indicators to be set out in the Project Logical Framework.

### **Clause 14: CONSEQUENCES OF NON COMPLIANCE**

Failure to comply with contractual commitments by the Project Owner through the framework agreement for the Maturation of the project, are the subject of an analysis of their causes and consequences carried out by the PMU. The Apex committee may then decide:

- the solemn reminder to the Project Owner of their contractual commitments;
- suspension of payments;
- the review of the framework agreement for the Maturation of the project and the eventual signature of an amendment;
- the reduction of the subsidy rate or the maximum amount of the subsidies provided for in the award decision which may involve partial or total reimbursement of the CITIIS grants;
- the suspension, or even the cancellation, of the framework agreement for the maturing of the project and / or the grant agreement.

The MoHUA may terminate the contract for shortfall of the agreement for Maturation the CITIIS project. It may order the total or partial repayment of the grant in the event of a serious and repeated failure by the Project Owner, in particular if it is found that the object of the grant or the allocation of the subsidized investment has been modified without authorization.

In the event of the abandonment of one or more actions related to the implementation of Maturation roadmap, all the sums paid by the MoHUA under that program shall be paid back to it.

### **Clause 15. REIMBURSEMENT OF THE GRANT**

The Apex Committee may terminate for breach of the Agreement and order the total or partial repayment of the CITIIS Grant in the event of a serious and repeated breach of Project Owners and in particular if it is found that the purpose of the Grant has been modified without authorization, or that the grant awarded exceeds 80% of the cost of Maturation Phase.


In case of abandonment of the action (s) of the study and engineering program, all the sums paid by the MoHUA in respect of the action(s) of the study and feasibility program (subject of this agreement) shall be paid back to the MoHUA.




## Clause 16. APPLICABLE LAW AND TREATMENT OF DISPUTES

This agreement is governed by Indian law. Disputes arising in connection with the interpretation and / or execution of the provisions of the agreement will be brought before the competent jurisdiction on which the MoHUA is located.

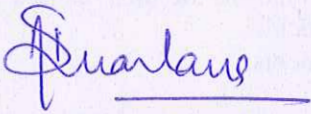
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For and on behalf of the  
MoHUA



For and on behalf of the  
State Government



For and on behalf of the  
SPV

### Annexures

- 1 : Description of the Project
- 2 : Description of the objectives and main requirement of the Maturation Phase
- 3: Apex Committee decision dated on 05/02/2019 related to the selection of the awarded project.
- 4: Payment details (Account, authorized signatories etc.)
- 5: Drawdown request form
- 6: Tentative financing plan and CITIIS grant allocation
- 7: Environmental and Social Commitment Plan
- 8: The CITIIS project Maturation roadmap *(to be included at the beginning of the Maturation Phase)*
- 9: CITIIS final Maturation Phase report *(to be included after its validation by the Apex Committee)*



## Annexure 1: Description of the Project

**Name of the project:** Child Friendly and Commuter Centric Dehradun Smart City Sustainable Mobility Plan

**Overview:** The project encourages a modal shift to public transportation systems with feeder services and Non-Motorised Transport (NMT) across the city to reduce air pollution, road accidents, congestion and wastage of time and money for residents, students and tourists.

Dehradun is one of the premier tourist destinations of the country. Around 33 per cent of the total trips to the city are for tourism purposes. Work trips and education trips constitute 34 per cent and 10 per cent respectively. Buses function as the main public transport system with mini buses and Vikrams/tempo plying as feeder routes to the public transport. Around 250 buses ply on the existing routes of the city, with an average frequency of 15 minutes against the fixed operational average of 7 minutes as prescribed by the RTO. However, there are many issues associated with operation of buses in the city. This includes,

- Unorganized bus routing and patterns;
- Lack of basic facilities like bus queue shelter and designated stop along the routes;
- Due to disorganised bus services, people rely more on pollution causing Vikrams for commute;
- Lack of quality of public transport system in the city, overloading during peak hours, inconsistent fares, too less boarding and alighting time, poor frequency during non-peak hours are some more issues associated with bus services in the city;
- Non-inclusion of child-friendly design and socio-economic aspect in city-wide interventions in ease of access and mobility consideration;
- Lack of passenger information system to make public transit seamless; and
- Lack of pedestrian infrastructure that disrupts first and last mile connectivity in the city.

Through the project, 'Child Friendly and Commuter Centric Dehradun Smart City Sustainable Mobility Plan,' the SPV aims to integrate child friendliness in mobility related improvements.

### Objectives:

- To revamp the existing public transport and para transit system through strategic utilization of existing network routes, ply of buses and IPTs. This would improve traffic congestion and increase the access for everyday commuters, school going children and incoming tourists.
- To develop public transport boarding and alighting infrastructure to ensure safety and ease of access for users and particularly for the school children.
- To encourage modal shift to public transport and para transit by easing journey planning via. Information on real time vehicle arrival, boarding, alighting nodes, fares, frequency, journey time etc. The e-app will include different profile features to aid tourist, children, and other commuters alike.
- To improve the regulatory system of public and para transport by formulating a unified authority that can regulate and monitor the operation of private buses and IPTs with a fixed fare, route, and frequency.

### Summary:

#### Relevance and Feasibility

- At present the ICT infrastructure for the proposed project is not well structured. However, the proposed Intelligent Traffic Management System linked to the Integrated Command and Control Centre proposed to be established at the Information Technology Development Agency (ITDA) will serve as the base for all ICT mobility proposals.



Sustainability Aspects	<ul style="list-style-type: none"> <li>• Universal design principles will be applied for designing the streets and affiliated infrastructure.</li> <li>• The ICT-Passenger Information App will have a separate feature for children enabled with privacy of user data and SOS system for safety.</li> <li>• Security of passengers will be ensured through well-lit bus stops and footpaths.</li> <li>• The kiosks at bus shelter will be solar powered and they will also generate revenue through advertising space. The passenger information application shall also include advertisements for revenue generation.</li> </ul>
Innovation and Integration Aspects	<ul style="list-style-type: none"> <li>• Pre-fabricated bus shelters and kiosks will be assembled using recycled material. The design includes retrofitting of rear-end of the shelter with greenery and the rooftop with solar panels to convert the kiosk as a self-sufficient structure for energy and lighting</li> <li>• Web/mobile app public information system maybe be adopted to understand everyday traffic behaviour and the traffic management system.</li> </ul>
Participatory Approach	<ul style="list-style-type: none"> <li>• In-depth stakeholder analysis will be conducted for the development of applications and in assessing the data through a stated preference model.</li> </ul>



## **Annexure 2: Description of the objectives and main requirement of the Maturation Phase**

### **Maturation Phase Deliverables**

Project Maturation (around 6 months): The Maturation Phase aims at strengthening and refining the selected projects through CITIIS expertise. A first advance of funds will be transferred to the SPVs to cover project Maturation costs. Also referred as project development phase, during this period selected Smart City SPVs will work with the mentors to develop the project documents and enhance the quality of the project proposal. Duration of this phase for any selected project will depend upon the readiness of the SPVs in terms of CITIIS project requirements adherence. This phase shall last approximately 6 months for each awarded project. The Maturation Phase shall end with the Maturation final report endorsed by the PMU for validation by the Apex Committee to trigger the implementation phase and its related financial disbursements.

**The Maturation Phase final report** will specify the detailed financing plan related to the implementation phase.

#### **Maturation Phase Final Report**

At the end of the Maturation Phase, the Mentors shall prepare and submit a Maturation Phase Final Report to the PMU in order to present the evolution of the project with the assistance of the Mentors and Experts.

The PMU is responsible for validating the Maturation Phase Final Report. The Maturation Phase Final Report shall be validated if the design stage has reached sufficient maturity (DPR) and the E&S safeguard documents are deemed satisfactory as per PMU and Mentors expectations.

In case the SPVs disagrees with the recommendation of the mentors and request PMU to trigger the financing of the implementation phase, the matter shall be brought to the Apex Committee which shall take the final decision on the validation of the Maturation final report.

The objectives and content of the CITIIS expertise activities will be tailored made for each city in **twofold scheduled Road Map** that will include:

- The activities to optimize project design, procurement and implementation;
- The capacity-development activities to strengthen the SPV & ULBs capacities related to CITIIS objectives.

The RoadMap will be prepared by the Mentor and the SPV during the first on site mission.



**Annexure 3:** Apex Committee decision dated on 05/02/2019 related to the selection of the awarded project.

Government of India  
Ministry of Housing and Urban Affairs

Nirman Bhawan, New Delhi  
Dated: 5 February, 2019

**OFFICE MEMORANDUM**

**Subject:** Minutes of 5<sup>th</sup> Apex Committee meeting of CITIIS project held under the chairmanship of Secretary, MoHUA.

The undersigned is directed to forward herewith a copy of the minutes of 5<sup>th</sup> apex committee meeting of CITIIS program of Smart Cities Mission held under the chairmanship of Secretary, Ministry of Housing and Urban Affairs, on 5 February, 2019 at 12:00 Noon in room no. 123-C wing, Nirman Bhawan, New Delhi.

Encl: As above.

(Neha Singh)  
Assistant Director (AMRUT)  
Tel: 011-23062893

To,

1. Shri. Govind Mohan, AS(UT), Ministry of Home Affairs
2. Shri S.V. Singh, Director(IFD), MoHUA
3. Mr. Mrutyunjay Behera Dir (Infra), DEA, MoF
4. Mr. R.Vyasan DS (Budget), MoF
5. Ms. Renu Satija, DS (Budget), MoHUA
6. Mr. Nicolas Fornage, Regional Director, AFD
7. Ms. Vidal De La Blache Clemence , AFD
8. Ms. Smita Singh, Sr. Project Manager EU
9. Mr. Hitesh Vaidya, India Country Manager, UN Habitat
10. Ms. Marie Hélène Zerah, Senior Visiting Fellow, Center for Policy Research, New Delhi

Copy for Information to:

PPS to Secretary, MoHUA

PPS to JS and MD (SCM), MoHUA

PPS to Director (SCM-I), MoHUA



**Minutes of fifth Apex Committee Meeting held on 5 February, 2019 to discuss CITIIS Program**

**Date and Time:** 5.02.2019 at 12 Noon

**Subject:** 5th Apex Committee Meeting of CITIIS

**Chair:** Shri Durga Shanker Mishra, Secretary, HUA

**Participants:** Attached as **Annexure-I**

**A Brief Background**

- Under the CITIIS program, Smart City SPVs were invited to submit their project proposals by 30<sup>th</sup> November, 2018. Each SPV could submit a maximum of one project under each of the four themes i.e. public open spaces sustainable mobility, social and organizational innovation in low income settlements, urban E governance and ICT.
- 36 cities submitted 67 project proposals. The proposals were collated on Smartnet by PMU and a nine-member jury was appointed to conduct the first round of selection. The jury went through each project proposal in detail and gave their individual rankings. Based on the scores of each of the jury members, top 25 projects were shortlisted. Dehradun (rank 28) and Agartala (rank 57), despite their lower ranks, were shortlisted to ensure that at least one city is selected from Hill and North East States as laid down in CITIIS guidelines.
- SPV representatives from these shortlisted cities were invited for a face to face interview on January 21 and 22, 2019 at NIUA, Delhi. The jury members interacted with the SPV CEOs on various aspects of their proposed projects. Based on the jury scores, subject to the condition that a maximum of 2 proposals are selected from a city, a list of 15 projects from 12 different cities with a total grant of Rs 792.84 crore were recommended (**Annexure-II**).

At the outset of the meeting, a brief presentation was made by Director, NIUA on the evaluation process, jury scoring & ranking for online and interview round. Thereafter, a list of recommended projects was presented. During the meeting, after deliberations the following decisions were taken:-

1. In order to cover maximum no. of cities and improve their capacity by providing technical assistance, it was decided that only one project from each city should be selected. As the difference in jury score is marginal, the subsequent cities in the list of recommended cities i.e. Agartala, Nagpur and Amaravati should be selected. Thus, there will be 15 projects from 15 different cities.
2. Additional projects from already selected city SPVs may be added in the waitlist for consideration at a later stage. A detailed list of 15 recommended projects with individual costs and the list of 5 waitlisted projects is attached at **Annexure III**.



3. It was further decided that, all cities shall fulfill their compliances by February 12, 2019. If the 15 selected cities fail to comply, the waitlisted cities shall receive the slot.
4. The signing ceremony for the selected projects shall take place during the Smart City CEOs conference which is scheduled to be held on 26.02.2019.
5. A short film on CITIIS program and compendium of 27 shortlist shall be prepared by 15.2.2019.

#### **Annexure I**

##### **List of the Participants**

1. Shri Kunal Kumar, Joint Secretary and Mission Director (Smart City), MoHUA
2. Shri Jagan Shah, Director, NIUA
3. Ms. Archana Mittal, Director (SC-I) MoHUA
4. Shri S.V. Singh, Director(IFD), MoHUA
5. Ms. Renu Satija, DS (Budget), MoHUA
6. Mr. Hitesh Vaidya, India Country Manager, UN Habitat
7. Ms. Marie Hélène Zerah, Senior Visiting Fellow, Center for Policy Research, New Delhi
8. Mr. Nicolas Fornage, Regional Director, AFD
9. Ms. Vidal De La Blache Clemence AFD
10. Ms. Smita Singh, Sr. Project Manager EU
11. Ms. Neha Singh Assistant Director, MoHUA
12. Ms. Valentine, AFD
13. Mr. Siddharth Pandit, Program Coordinator, CITIIS, NIUA
14. Mr. Naim Keruwala, Program Manager, NIUA
15. Ms. Snigdha Nanda, Communication Specialist, NIUA
16. Ms. Anuradha Yagya, E&S Specialist, NIUA
17. Ms. Anjum Dhamija, Junior Planner, NIUA
18. Mr. Swapnil Saxena, Junior Planner, NIUA
19. Mr. Totak Acharya, Junior Planner, NIUA

#### **Annexure II – Recommended Projects with Financial Details**

No.	Name of the project	City	Total Project Cost*	CITIIS Grant Requested*	% of Grant to the Total Cost (subject to max of 80%)	Final Grant*
1	Social Inclusion: modernizing Public Schools as Smart Campus	Visakhapatnam	65	52	80.00	52



2	Ecosystem for Sustainable Mobility and Social Inclusion	Visakhapatnam	96.05	48.03	50.01	48.03
3	Our Neighbourhood is Your Neighbourhood Too- Improvement of Low-Income Settlements	Puducherry	114.6	91.68	80.00	80
4	B-Active	Bhubaneswar	283.2	79.31	28.00	79.31
5	Diu-Ghoghla Bridge Park	Diu	25	20	80.00	20
6	Electric Public Transportation System	Kakinada	45	30	66.67	30
7	Child Friendly and Commuter Centric Dehradun	Dehradun	58	46.4	80.00	46.4
8	E- Health Solution	Cochin	18.87	18.87	80.00	15.10
9	Development of Sustainable and Green Public Transportation	Amritsar	168.83	80	47.38	80
10	Block-chain for Civic Identity and Public service delivery	Puducherry	6	3	50.00	3
11	Model & SMART Corporation Schools	Chennai	95.25	95.25	80.00	76.2
12	Social and Physical Infrastructure Development in Low-Income Settlements	Kakinada	42.8	22.8	53.27	22.8
13	Mahakal Rudra Sagar Integrated Development	Ujjain	157	80	50.96	80
14	Wild Valley Bio-Diversity Park	Surat	108	86.39	79.99	80
15	Green Mobility Corridor	Hubbali-Dharwad	130	80	61.54	80
<b>Total</b>						792.84

\*All amounts are in INR Crores

#### Thematic Grant Distribution

No.	Theme	Number of Projects	Total Cost* (Rs. Crore)	% of Total Cost
1.	Public Open Spaces	4	259.31	33
2.	Sustainable Mobility	5	284.43	36



3.	Social and Organizational Innovation In Low-income Settlements	4	231	29
4.	Urban E governance and ICT	2	18.1	2
<b>TOTAL</b>		15	792.84	100

**Annexure –III List of Selected Projects**

Sr No	Name of the project	City	State	Theme	Total Budget (INR cr)	Grant request ed (INR cr)	Grant Approv ed (INR cr)
1	Social Inclusion through modernizing Public Schools as Smart Campus	Visakhapatnam	Andhra Pradesh	Social and organizational innovation in low income settlements	65	52	52
2	Our Neighbourhood is Your Neighbourhood Too - A Participatory Planning Approach for Improvement of Low-Income Settlements in Pondicherry	Puducherry	Puducherry	Social and organizational innovation in low income settlements	114.6	91.68	80
3	B-Active	Bhubaneswar	Odisha	Public Open Spaces	283.2	79.31	79.31
4	Diu-Ghoghla Bridge Park	Diu	Diu	Public Open Spaces	25	20	20



5	Electric Public Transportation System	Kakinada	Andhra Pradesh	Sustainable Mobility	45	30	30
6	Child Friendly and commuter centric Dehradun Smart City Sustainable Mobility Plan	Dehradun	Uttarakhand	Sustainable Mobility	58	46.4	46.4
7	E- Health Solution	Cochin	Kerala	Urban E-governance and ICT	18.87	18.87	15.10
8	Development of Sustainable and Green Public Transportation in Amritsar City	Amritsar	Punjab	Sustainable Mobility	168.83	80	80
9	Model & SMART Corporation Schools in Chennai	Chennai	Tamil Nadu	Social and organizational innovation in low income settlements	95.25	95.25	76.2
10	Mahakal Rudra Sagar Integrated Development Approach - Phase - II	Ujjain	Madhya Pradesh	Public Open Spaces	157	80	80
11	Creating "Wild Valley Bio-Diversity Park" as City Lungs by Rejuvenation of existing wasteland	Surat	Gujarat	Public Open Spaces	108	86.39	80



	along the Creek						
12	Green Mobility Corridor	Hubbali-Dharwad	Karnataka	Sustainable Mobility	130	80	80
13	Basic Infrastructure Development at Low-Income Settlements	Amaravati	Andhra Pradesh	Social and organizational innovation in low income settlements	146.39	80	80
114	Howrah River Front Development (Phase-II)	Agartala	Tripura	Public Open Spaces	99	80	79.2
15	Digital Governance of Nagpur	Nagpur	Maharashtra	Urban E-governance and ICT	111.10	89.2	80
TOTAL							958.21

**Waiting list of 5 shortlisted projects**

Sr No	Name of the project	City	State	Theme	Total Budget (INR cr)	Grant requested (INR cr)	Grant approved (INR cr)
1	Ecosystem for Sustainable Mobility and Social Inclusion	Visakhapatnam	Andhra Pradesh	Sustainable Mobility	96.05	48.03	48.03
2	Re-imagining waterfronts through Rejuvenation of Mudsarlova	Visakhapatnam	Andhra Pradesh	Public Open Spaces	83.23	66.58	66.58



	Lake Precinct						
3	Blockchain for Civic Identity and Public service delivery	Puducherry	Puducherry	Urban Egoovernance and ICT	6	3	3
4	Social and Physical Infrastructure Development in Low-Income Settlements	Kakinada	Andhra Pradesh	Social and organizational innovation in low income settlements	42.8	22.8	22.8
5	Last Mile Connectivity Using Dockless Bikes For Bus Rapid Transit System (BRTS) and Ahmedabad Municipal Transport Services (AMTS)	Ahmedabad	Gujarat	Sustainable Mobility	46	46	36.8







**Annexure 5: Drawdown Request Form**

[on the SVP letterhead]

To: MOHUA  
[contact to be added]

On: [Date]

Beneficiary's Name – Tripartite Agreement no. [XXXXXXX] dated [XXXXXXXX]  
Drawdown Request no. [XX]

Dear ...,

1. We refer to the Tripartite Agreement no. [XXXXXXX] entered into between the Project Owner, the State of .... and Ministry of Housing and Urban Affairs dated [06/03/2019] (the "Agreement"). Capitalised words and expressions used but not defined herein have the meanings given to them in the Tripartite Agreement.
2. This letter is a Drawdown Request, mentioned in Clause 6 "Drawdown of funds" of the Tripartite Agreement no. XXXXXX signed between Project Owner represented by ..., State of .... Represented by .... And Ministry of Housing and Urban Affairs, represented by .....
3. We confirm that all requirements listed in Clause 6 "Drawdown of funds" of the Tripartite Agreement have been addressed, and supporting documents are attached herewith.
4. We irrevocably request that the Ministry of Housing and Urban Affairs makes a Drawdown available on the following terms:

Amount: INR [XXXXXX].

Yours sincerely,

**Annexure 6: Tentative Financing Plan and CITIIS Grant Allocation**

	<b>Project Financial Resources</b>	<b>Cost (INR)</b>
1.	<b><i>CITIIS Grant Requested</i></b>	52,00,00,000
2.	<b><i>CITIIS Grant Allocated</i></b>	46,40,00,000
3.	<b><i>Other Sources of Finance</i></b>	
	Self-financing in Maturation Phase	2,50,00,000
	Self-financing in Implementation Phase	3,50,00,000
	Additional Amount to be raised by SPV	5,60,00,000
4.	<b><i>Total Amount from Other Sources of Finance</i></b>	11,60,00,000
5.	<b><i>Total Project Cost</i></b>	58,00,00,000



**Annexure 7: Environmental and Social Commitment Plan**

S.No.	Action	Resources & Responsibilities	Funding Sources	Calendar: Conception & Implementation	Indicators of achievement
2.	<p><b>Preparation of the required E&amp;S Documentations:</b></p> <ul style="list-style-type: none"> <li>• Preparation of Environmental and Social Impact Assessment (ESIA) Report, including Environmental and Social Management Plan (ESMP), Resettlement Action Plan (RAP) and when applicable Gender analysis/Gender Action Plan (GAP). These plans will be prepared following the applicable national/state/ local legislations and relevant international practices and special assistance will be given for compensation and assistance to vulnerable groups;</li> <li>• Conducting consultations with PAPs, local community and other stakeholders on E&amp;S impacts assessment and proposed mitigation measures and disclose proper information;</li> <li>• Establishing grievance redressal mechanism and committee (GRC) at the city level;</li> <li>• Obtaining approval of the ESIA/ESMP and RAP prior to launching the procurement processes for works contracts to the contractors; ESMP, RAP and GAP to be annexed to the procurement processes for works contracts and to the contract documents with the conditions of their implementation by the contractors</li> </ul>	<p>SPVs, with support of the Mentors and pool of expert</p>	<p>SPV with CITIIS project funding for mentors and specific studies if needed</p>	<p>Project Maturation Phase</p>	<ul style="list-style-type: none"> <li>• ESIA/ESMP, RAP and Gender analysis/GAP as applicable;</li> <li>• Engagement of stakeholders and community participation; and</li> <li>• Grievance redressal mechanism and committee developed and well implemented</li> <li>• ESIA/ESMP and RAP approvals prior to awarding civil works contracts to the contractors ; and</li> <li>• Approved ESIA/ESMP and RAP annexed to the procurement processes for works contracts and to the awarded contract documents to the contractors.</li> </ul>
3.	<p><b>Implementation phase: Implementation of ESIA/ESMP, RAP and GAP</b></p> <ul style="list-style-type: none"> <li>• Implementation of RAP (relocation and full compensation) prior to the initiation of civil works, with special consideration given for compensation and assistance to vulnerable groups;</li> <li>• Implementation of ESMP during the project cycle;</li> </ul>	<p>Contractors/SPVs with support of Mentors and Pool of experts</p>	<p>Contractors/SPVs with CITIIS project funding for mentors and</p>	<p>Project Implementation phase</p>	<ul style="list-style-type: none"> <li>• Implementation of mitigation measures as mentioned in the ESMP;</li> <li>• Full compensation disbursed to PAPs prior to their dispossession from land and properties;</li> </ul>



**Annexure 7: Environmental and Social Commitment Plan**

S.No.	Action	Resources & Responsibilities	Funding Sources	Calendar: Conception & Implementation	Indicators of achievement
	<ul style="list-style-type: none"> <li>• Implementation of GAP during project cycle;</li> <li>• Continuous information of the PAPs, local community and other stakeholders on the construction works, E&amp;S impacts and implementation of the mitigation measures;and</li> <li>• Maintain grievance redressal mechanism and committee (GRC).</li> </ul>		specific activities if needed		<ul style="list-style-type: none"> <li>• GAP implemented as per schedule;</li> <li>• Engagement of stakeholders and community participation in project activities; and</li> <li>• Grievance redressal mechanism and committee well implemented; E&amp;S complaints and grievances of PAPs redressed</li> </ul>
4.	<p><b>Monitoring and Reporting on the Implementation of ESIA/ESMP, RAP and GAP</b></p> <ul style="list-style-type: none"> <li>• Contractors/SPVs E&amp;S monitoring report to PMU on a bi-annual basis ;</li> <li>• Contractors/SPVs and PMU E&amp;S monitoring reports will cover:               <ul style="list-style-type: none"> <li>○ progress on construction works,</li> <li>○ E&amp;S resources,</li> <li>○ implementation of the ESMP, RAP and GAP,</li> <li>○ monitoring the environmental indicators (air, water, soil, noise, bio-diversity, safety, health, etc. including accident/contamination reporting),</li> <li>○ monitoring of social indicators (compensation disbursed, public disclosure, grievances redressed, consultation, stakeholders engagement, including vulnerable groups, etc.),</li> <li>○ monitoring of gender indicators including % of women beneficiaries, who were involved in the consultation process and decision making during project cycle (indicative objective of 50%) and %</li> </ul> </li> </ul>	Contractors/SPVs supported by Mentors	Contractors/SPVs/PMU with project funding for mentors and advisors	<p>ESMP and GAP during pre-construction, construction and operation stages; and</p> <p>RAP mainly prior to construction stage</p>	Contractors/SPVs E&S monitoring report to PMU on a bi-annual basis;



**Annexure 7: Environmental and Social Commitment Plan**

S.No.	Action	Resources & Responsibilities	Funding Sources	Calendar: Conception & Implementation	Indicators of achievement
	of women were given employment in the project				
5.	<p><b>Institutional Arrangements:</b></p> <ul style="list-style-type: none"> <li>Adapted environmental, health and safety (EHS) resources in the contractors' organizations as per the requirements of the ESMPs;</li> <li>Nominate a E&amp;S focal person in the SPVs, with relevant background and/or training, to manage E&amp;S requirements for the B projects and gender aspects. The SPVs (and in particular the E&amp;S focal persons) will be responsible for pre-screening, categorization, development of ESIA/ESMP, RAP and GAP, monitoring of the construction works / contractors / implementation of the ESIA/ESMP, RAP and GAP, reporting on the performance and compliance with the applicable national and international policies and ESCP, and be the focal person for the mentors</li> <li>E&amp;S management experience at PMU level, who will be the nodal person responsible for coordinating with the mentors, with all agencies and stakeholders at different levels. The PMU, in particular the nodal E&amp;S person, will be responsible for SPV supervision to ensure compliance with the applicable national and international policies, and reporting.</li> </ul>	Contractors/ SPVs / PMU	SPVs and project funding	Preparatory and planning stage	<ul style="list-style-type: none"> <li>Job description or ToR of the E&amp;S focal person in the SPVs, E&amp;S nodal person in the PMU, E&amp;S and Gender Mentors, International E&amp;S Advisor; and</li> <li>Mobilization of the above personnel to perform E&amp;S activities.</li> </ul>
6.	<p><b>Capacity Development on E&amp;S Safeguards:</b></p> <p>The measures suggested to develop and strengthen the E&amp;S safeguards capacity of the personnel are as follows.</p> <ul style="list-style-type: none"> <li>Training need assessment and identification of training requirements of Focal persons and other Staff involved at</li> </ul>	PMU E&S Advisers	Project funding	Planning and pre-construction stage	<ul style="list-style-type: none"> <li>Developed/strengthened the safeguards capacity of referred personnel; and</li> <li>Established the environmental and social management system (ESMS) with trained personnel</li> </ul>

**Annexure 7: Environmental and Social Commitment Plan**

S.No.	Action	Resources & Responsibilities	Funding Sources	Calendar: Conception & Implementation	Indicators of achievement
	contractor and SPV level; <ul style="list-style-type: none"> <li>• Capacity development on E&amp;S policies, procedures, planning, implementation, monitoring and reporting of ESMP, RAP and GAP; and</li> <li>• Organizing workshops covering applicable aspects on E&amp;S Safeguards.</li> </ul>				for efficient management and monitoring of the implementation of referred plans.



**Annexure 8:** The CITIIS project Maturation roadmap *(to be included at the beginning of the Maturation Phase)*

**Annexure 9:** CITIIS final Maturation Phase report *(to be included after its validation by the Apex Committee)*





Ref. No.- 36 /XXVII(1)/2019

From,

Radha Raturi  
Addl. Chief Secretary, Finance Department  
Government of Uttarakhand

To

Shri Kunal Kumar  
Joint Secretary (Mission Director Smart Cities)  
MoHUA, Government of India

Finance-01

Date- 10 January 2019

**Sub: CITHS Challenge Dehradun Smart City-Sharing repayment of AFD Loan with GoI.**

Sir,

This is with reference to the proposal submitted from Dehradun Smart City Limited for CITHS Challenge.

In this regard, it is to inform you that Government of Uttarakhand agrees in-principle for sharing the repayment of AFD loan with GoI at 50:50 ratio.

Yours sincerely,

(Radha Raturi)

Addl. Chief Secretary

No.- \_\_\_\_\_ /XXVII(1)/2019, Dated- As Above

Cc:

1. CEO, Dehradun Smart City Limited.
2. Secretary, Urban Development Department, GoUK.

(Radha Raturi)

Addl. Chief Secretary

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Ref: 3149A/DSCL/19-20/PMC/CA dated 16/09/2019



AMENDMENT NO. 4 TO CONTRACT AGREEMENT NO. DSCL/18-19/PMC/CA, DATED 01/06/2018

The following amendment will become effective for the contract agreement No. DSCL/18-19/PMC/CA, DATED 01/06/2018 in Consensus with the client i.e Chief Executive Officer, Dehradun Smart City Limited, 777, Saatvik Tower, Rajender Nagar, Kaulagarh Road, Dehradun, PIN-248001, Uttarakhand, India and Consultant i.e M/s Almondz Global Securities Limited, M/s Rudrabhishek Enterprises Limited and Jones Lang LaSalle Property Consultants(India) Pvt. Ltd. JV for PROJECT MANAGEMENT CONSULTANT (PMC) TO DESIGN, DEVELOP, MANAGE AND IMPLEMENT SMART CITY PROJECTS UNDER SMART CITY MISSION (SCM) IN DEHRADUN, UTTARAKHAND.

1. SCC Clause No. 6.1(b), Page No. 29 of the original contract has been amended as follows.

<u>Existing</u>	<u>Amended</u>
<u>SCC Clause No. 6.1(b), Page No. 29 of the original contract:</u>  The ceiling in local currency is Rs. 14, 93, 46,903/-(Rupees fourteen crore ninety three lakh forty six thousand nine hundred and three only) including all taxes, Rs. 20, 00,000/-(Rupees twenty lakhs only) for Contingency and Rs. 90, 00,000/- (Rupees ninety lakh only) for Provisional Sum but excluding Goods & Services Tax (GST).	<u>SCC Clause No. 6.1(b), Page No. 29 of the original contract:</u>  The ceiling in local currency is INR 17, 25, 85,903/-(Indian Rupees Seventeen Crores Twenty Five Lakhs Eighty Five Thousand Nine Hundred Three Only) including all taxes, INR 30, 00,000/- (Indian Rupees Thirty Lakhs Only) for Contingency and INR 1,40,00,000/- (Indian Rupees One Crore Forty Lakhs Only) for Provisional Sum but excluding Goods & Services Tax (GST).  Note: The above amendment has been done for additional work of

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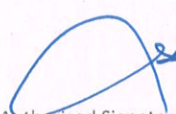
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	<p>CITIIS project. For segregation of the cost for CITIIS project, please refer FIN-2(Additional), FIN 3A (Additional) and FIN 3B (Additional). Further, for scope of work and payment schedule, please refer to the Annexure-S. All other terms and conditions shall remain same as per the original contract. CVs of the proposed key-experts and Non-Key experts has to be approved from DSCL before mobilization. The points mentioned in this amendment shall supersede their respective points anywhere mentioned in the contract.</p>
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For Almondz-REPL-JLL JV

For Dehradun Smart City Limited

  
Authorized Signatory



  
Authorized Signatory 16/9/19





FIN-2(Additional): SUMMARY FOR CITIIS PROPOSAL-DPR PREPARATION & SUPERVISION STAGE

Sr. No.	Item Description	Total Amount (INR)
<b>A</b>	<b>DPR Preperation Stage</b>	
1	Remuneration	8,273,000
2	Reimbursable	3,500,000
<b>B</b>	<b>Supervision Stage</b>	
1	Remuneration	3,966,000
2	Reimbursable	1,500,000
<b>C</b>	<b>Sub Total (A+B)</b>	<b>17,239,000</b>
<b>D</b>	<b>Total Non-Competitive Cost</b>	<b>6,000,000</b>
<b>E</b>	<b>Grand Total(C+D)</b>	<b>23,239,000</b>
<b>F</b>	<b>GST @18%</b>	<b>4,183,020</b>
<b>G</b>	<b>Grand Total including GST (E+F)</b>	<b>27,422,020</b>

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FIN 3B(Additional): DETAILS OF THE KEY and NON KEY EXPERTS FOR CITIIS PROPOSAL-DPR PREPARATION STAGE				
Sr. No.	Position	Manmonths	Monthly Remuneration (INR)	Total Remuneration (INR)
<b>Key Experts</b>				
1	Child Protection Expert	5	352,000	1,760,000
2	Urban Governance Expert	3	330,000	990,000
3	Urban Transport Specialist	4	435,000	1,740,000
4	Urban Designer	4	355,000	1,420,000
5	Community Development Specialist	3	264,000	792,000
		19	Key Experts(A)	<b>6,702,000</b>
<b>Non-Key Experts</b>				
1	MLE Expert	2	330,000	660,000
2	Urban Infrastructure Expert	2	318,000	636,000
3	Project Finance Expert	1	275,000	275,000
		5	Non-Key Experts(B)	<b>1,571,000</b>
			Total (A+B)	<b>8,273,000</b>

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16/9/19



FIN 3A(Additional): DETAILS OF THE KEY and NON KEY EXPERTS FOR CITIIS PROPOSAL-SUPERVISION STAGE				
Sr. No.	Position	Manmonths	Monthly Remuneration (INR)	Total Remuneration (INR)
<b>Key Experts</b>				
1	Child Protection Expert	2	352,000	704,000
2	Urban Governance Expert	1	330,000	330,000
3	Urban Transport Specialist	2	435,000	870,000
4	Urban Designer	2	355,000	710,000
5	Community Development Specialist	1	264,000	264,000
		8	Key Experts(A)	<b>2,878,000</b>
<b>Non-Key Experts</b>				
1	MLE Expert	1.5	330,000	495,000
2	Urban Infrastructure Expert	1	318,000	318,000
3	Project Finance Expert	1	275,000	275,000
		3.5	Non-Key Experts(B)	<b>1,088,000</b>
			Total (A+B)	<b>3,966,000</b>

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## SCOPE OF WORK

Sl. No.	Project Module and Timeline	Sub-activities	Outputs / Outcomes
1.	<b>CITIIS BASELINE [T+1.5 Month] MATURATION PHASE</b>		
1.1	Baseline study (new data + compilation of existing datasets) of <b>Dehradun Smart City ABD</b> area covering the following:	Preparation of Research Design including identification of stakeholders, required data points, data sources and data collection formats for both baseline, midline and end-line studies	<ol style="list-style-type: none"> <li>1. CITIIS Baseline Report / Presentation</li> <li>2. Stakeholder Engagement Plan</li> <li>3. Environmental and Social Assessment Framework</li> <li>4. Programme Logframe</li> </ol>
	a) Existing infrastructure (schools, road, pedestrian facilities, non-street paths, transit routes (public, private, school and Vikram), passenger vehicles (type, number, quality) & transportation stops, utilities, public places (sports centres, markets, tuition centres, Government owned land parcels), open/green spaces)	Development of questionnaire for Children- Principals – Schools (CPS) Survey	
	b) Details of proposed infrastructure projects (Capital and non-capital) in the ABD Area	Sampling of respondents	
	c) Current socio-economic and environmental profile (Crime hotspots, transportation related fatalities/ injuries, economic affordability, climate and topography like rainfall, snowfall temperature, flooding, landslides etc.)	Selection and engagement of Data collection Team	
	d) Children-Principals-School (CPS) Survey of all schools in the ABD area to understand their current	Development of E&S Framework as per the CITIIS E&S Guidelines	
	(i) Transit routes (includes mapping of homes)	Spatial mapping of Transit Routes, Modes along with Socio-Economic-Environmental Data	

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Sl. No.	Project Module and Timeline	Sub-activities	Outputs / Outcomes
	(ii) Transit modes	Conduct transect study and participatory appraisals with students	
	(iii) Issues and challenges w.r.t current routes and modes		
	(iv) Preferred routes and modes		
1.2	Development of Programme M&E Framework	Development of programme logframe including indicator selection/ indicator definition, data sources, frequency, data validation etc.  Formulate standard operating protocols for data collection and reporting	
1.3	Preparation of a Stakeholder Engagement Plan		
1.4	Preparation of E&S Framework	Adapting the E&S framework developed by NIUA for this project	
1.5	Information dissemination to all stakeholders	Develop programme brochure, collaterals etc. for continuous dissemination at national and international forums	
1.6	Ethical Clearance for the project	Preparation of project brief for ethical clearance; application - clarification - and approval from Ethics Review Board for undertaking primary consultations with Children and Parents	
<b>2</b>	<b>SELECTION OF SCHOOLS AND PRIMARY DATA COLLECTION [T+3] MATURATION PHASE</b>		
2.1	Stakeholder Engagement Round 1:	Preparation of CITIIS Dehradun Child Friendly Cities Project Kick off presentation [Customised for different stakeholder groups - School teachers, school administration, school management, Parents /	<ol style="list-style-type: none"> <li>1. First list of schools to be included in the CITIIS project</li> <li>2. Role and Responsibility Framework</li> <li>3. Actual student routes</li> <li>4. Actual mode split</li> </ol>

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Sl. No.	Project Module and Timeline	Sub-activities	Outputs / Outcomes
		caregivers, transport operators, civil society representatives, and School Education Department, Nagar Nigam Dehradun]	
		Identify the role of each stakeholder and assign responsibilities	
		Preparation of semi-structure interview guides for different respondent groups (for Key Informant Interviews)	
		Identification, screening and finalisation of respondents from each stakeholder group	
		Scheduling of Key Informant Interviews	
		Conducting of Key Information Interviews including perception of respondents on retrofitting	
		Development of framework to analyse information collected from KIIs	
		Analysis of KII data, triangulation with baseline data to identify schools with potential maximum impact	
2.2	Stakeholder Engagement Round 2	Detailed consultations with potential schools and undertake mapping of school campuses	1. School level base map of the ABD Area 2. Letter of Support from concerned Line Departments 3. Final set of schools
		Develop conceptual sketches of schools and surrounding streets, school jurisdictions, traffic patterns, pickup/dropoff points	
		Identify key challenges / constraints	
		Briefing to other Line Departments – Public Works, Transport, Traffic Police, Sports, others if required	

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Sl. No.	Project Module and Timeline	Sub-activities	Outputs / Outcomes
		Analysis of data collected to select a final set of schools	
		Consultation with public land (vacant / multi-use potential)	
3	<b>PILOT DEMONSTRATION [T+4 Months] MATURATION PHASE</b>		
		Review of possible transport-based interventions for pilot demonstration in few selected school neighbourhood	1. Tactical urbanism exercise 2. Training design and content 3. Trained government officials 4. Trained public transport staff
		Identification of a set of 2-3 pilot demonstrations in school neighbourhood	
		Organise Lecture and Capacity Development Workshop for technical street design and transport infrastructure staff	
		Training workshop for Traffic Department on Safety and Protection of Children and SoPs for traffic management from Children's perspective	
		Training of drivers and attendants operating school buses, <i>vikram</i> tempos and metadors on security & protection of children	
		Organise consultations with Traffic Police, Transportation and Public Works Department to organise the pilot demonstration	
		Organising Demonstration Tactical Urbanism Exercise including Walking School Bus programme	
		Analysing the pilot demonstration and decide on scale up	
4	<b>CONCEPTUAL DESIGN (SCHOOL ROUTES, BUS STOPS, PLAYGROUNDS) [T+6] MATURATION PHASE</b>		

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Sl. No.	Project Module and Timeline	Sub-activities	Outputs / Outcomes
4.1	Preparation of conceptual design; and finalisation	Develop conceptual designs and publicise drawing of routes for identified set of schools	1. Draft conceptual designs 2. Final conceptual designs
		Present the designs to different stakeholder groups and collect feedback	
		Modify conceptual designs, as required.	
		Finalisation of designs in consultation with DSCL	
<b>5.</b>	<b>STAKEHOLDER ENGAGEMENT ROUND 3 [T+6.5] MATURATION PHASE</b>		
5.1	Identification and selection of project champions	Based on the Stakeholder Engagement Plan, form a group of project champions from finalised schools	1. Identification and onboarding of school champions 2. Final buy-in from stakeholders
		Present project update, final design for a quick win project (positive and negative list of proposed interventions) to all project stakeholders	
<b>6.</b>	<b>DESIGN DEVELOPMENT (T+8) MATURATION PHASE</b>		
6.1	Preparation of detailed technical designs	Preparation of detailed technical design – technical and geometric aspects including design briefs for developers (to be inserted in ToR for tendering)	1. Detailed technical designs of identified interventions and cost estimates
		Preparation of draft cost estimates	
		Finalisation of cost estimates in consultation with DSCL	
		Support on E&S Impact Assessment <sup>1</sup>	
<b>7.</b>	<b>ROLLOUT OF INTERVENTIONS AND DEVELOPMENT OF PROJECT MATURATION PHASE</b>		

<sup>1</sup> To be led by E&S expert of DSCL

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Sl. No.	Project Module and Timeline	Sub-activities	Outputs / Outcomes
7.1	Rollout of interventions	Support to DSCL on integrating proposed interventions with planned programmes/projects	1. Tendering of proposed interventions 2. Selection of developers 3. Updated project logframe
		Engagement with potential bidders on proposed interventions	
7.2	PLF and Best Practices	Support on updation of data related to the project logframe	
		Preparation of learning briefs (what worked and what did not work)	
		Dissemination of learning briefs	
<b>8. IMPLEMENTATION SUPPORT [IMPLEMENTATION PHASE]</b>			
8.1	Monitoring and Supervision Support	Periodic review of project development and course correction as required	1. Feedback from stakeholders 2. Completion of project 3. Recommendations for project scale up 4. Promotion of project at national / international forums
		Updation of PLF data	
8.2	Stakeholder Engagement	Consultations with project stakeholders on project outputs and overall feedback	
8.3	Project Scale up	Development of guidelines for project scale up including a set of recommendations	
8.4	Midline Study	Conduct midline study as per project research design and share the findings with stakeholder	1. Completion of project midline study
8.4	Endline study	Conduct Endline study as per project research design and share the findings with stakeholder	1. Completion of project Endline study
8.5	Final Report	Preparation of final report compiling the baseline, midline and endline study along with key project learnings.	1. Final CITIIS Report

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**PAYMENT SCHEDULE**

Sr. No.	Deliverables	Time Schedule	Payment %
1.	Inception Report	Within 1 months	10% of the Amount quoted for DPR Preparation Phase
2	CITHS BASELINE MATURATION PHASE	Within T+1.5 Months	10% of the Amount quoted for DPR Preparation Phase
3	SELECTION OF SCHOOLS AND PRIMARY DATA COLLECTION MATURATION PHASE	Within T+3 Months	10% of the Amount quoted for DPR Preparation Phase
4	PILOT DEMONSTRATION MATURATION PHASE	Within T+4 Months	10% of the Amount quoted for DPR Preparation Phase
5.	CONCEPTUAL DESIGN (SCHOOL ROUTES, BUS STOPS, PLAYGROUNDS) MATURATION PHASE	Within T+6 Months	10% of the Amount quoted for DPR Preparation Phase
6.	STAKEHOLDER ENGAGEMENT ROUND 3 MATURATION PHASE	Within T+6.5 Months	10% of the Amount quoted for DPR Preparation Phase
7.	DESIGN DEVELOPMENT MATURATION PHASE	Within T+8 Months	10% of the Amount quoted for DPR Preparation Phase
8.	ROLLOUT OF INTERVENTIONS AND DEVELOPMENT OF PROJECT MATURATION PHASE	Within T+9 Months	30% of the Amount quoted for DPR Preparation Phase
	IMPLEMENTATION SUPPORT [IMPLEMENTATION PHASE]	Within 18 months from the contract signing with the implementing agency	Monthly payment shall be done on time based input of the Experts as per the professional fee quoted by the consultant and accepted by the by DSCL. The monthly payment shall be made on the basis of actual deployment of man days and approved timesheets by DSCL.

Note:

1. Payment shall be made after approval of reports for deliverables by DSCL.
2. Payment for the Non-Competitive cost shall be made as when required but after the approval from DSCL.
3. Payment shall be made to the following account:

Bank Name : Vijaya Bank now Bank of Baroda  
 Account No. : 608500601000002  
 IFSC Code : VIJB0006085  
 BSR Code : 392148  
 MICR Code : 000029000  
 Bank Address : E-49/3, Ground Floor, Phase-II, Okhla Industrial Area, New Delhi-110020  
 Type of A/c : Current Account

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**QUALIFICATION OF EXPERT**

Sl. No.	Position	Years of Experience	Qualification
1	Child Protection Expert	15	<ul style="list-style-type: none"> <li>• Post graduate degree in in Psychology or related field from reputed academic institutions</li> <li>• Minimum 15 years of professional experience in the areas of child protection, child labour, child rights, violence against children, gender and youth</li> <li>• Demonstrated experience in developing and managing Child Protection programmes at national levels and international levels</li> <li>• Demonstrated experience in conducting monitoring and evaluation projects in child protection using community based participatory approaches</li> <li>• Demonstrated experience in conducting behaviour research projects and designing social behaviour communication change programme</li> </ul>
2	Urban Governance Expert	10	<ul style="list-style-type: none"> <li>• Post graduate degree in management / public policy/ economics / urban planning from a reputed institute</li> <li>• At least 10 years of experience of working on urban governance programmes in India and other countries</li> <li>• Demonstrated experience of working on projects/ programmes involving institutional strengthening, financial management, data ecosystem strengthening of national/ sub-national governments</li> </ul>
3	Urban Transport Specialist	15	<ul style="list-style-type: none"> <li>• Post graduate degree in transport planning / transport engineering / economics with bachelor's degree in engineering/ economics/ planning from a reputed institute</li> <li>• At least 15 years of experience of working with national / sub-national governments on urban transport projects/ programmes globally or in India</li> <li>• Demonstrated experience of working on projects /programmes involving development of mobility plans, transport infrastructure and services</li> <li>• Experience of working with smart cities, conducting traffic impact assessment, ridership studies etc. will be preferred</li> </ul>


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Sl. No.	Position	Years of Experience	Qualification
4	Urban Designer	15	<ul style="list-style-type: none"> <li>Postgraduate in urban management / design / architecture and bachelor's degree / diploma in architecture from a reputed institute</li> <li>At least 15 years of experience in designing urban landscapes, built environment, formulation of guidelines related to urban design etc.</li> <li>Demonstrated experience of working with local governments involving spatial plans, re-designing urban infrastructure through participatory processes and stakeholder engagement</li> <li>Demonstrated experience of working on assignments targeted at economically and socially disadvantaged sections including children, women, informal workers, persons with disability etc.</li> </ul>
5	Community Development Specialist	8	<ul style="list-style-type: none"> <li>Postgraduate degree in development management, development studies, or economics from reputed academic institutions</li> <li>At least 8 years of professional experience</li> <li>Demonstrated experience working in the urban sector</li> <li>Experience conducting stakeholder consultations and focused group discussions involving children, women and other socially disadvantaged sections</li> <li>Demonstrated experience in leading mixed method research</li> <li>Demonstrated experience in conducting monitoring and evaluation projects</li> </ul>
6	MLE Expert	10	<ul style="list-style-type: none"> <li>Post Graduate degree in economics from a reputed academic institute</li> <li>At least 10 years of professional experience in conducting monitoring and evaluation projects</li> <li>At least 5 years of providing evaluation services and executing M&amp;E activities for government and multi-lateral donors including World Bank, UN systems</li> <li>Demonstrated experience in designing, supervising, conducting, and providing technical support to program evaluations and assessments including developing theory of change and log frames, selecting indicators, conducting evaluations, surveys, assessments, other related tasks involving children, women and socially disadvantaged sections</li> </ul>

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Sl. No.	Position	Years of Experience	Qualification
7	Urban Infrastructure Expert	15	<ul style="list-style-type: none"> <li>Postgraduate in engineering/ management / planning / economics / transport planning from a reputed institute; PhD will be preferred</li> <li>At least 15 years of experience of working on urban infrastructure projects with national/ sub-national governments in India and globally</li> <li>Demonstrated experience of working on assignments related to preparation of infrastructure plans/ development plans/ governance/ participatory planning and citizen centric infrastructure development</li> </ul>
8	Project Finance Expert	8	<ul style="list-style-type: none"> <li>Post graduate degree in finance/ management / economics or Certified Chartered Accountant from a reputed institute</li> <li>At least 8 years of experience of working with national/ sub-national governments on urban finance and infrastructure related services</li> <li>Demonstrated experience of working on assignments related to municipal finance, value for money studies, financial modelling etc. in India and globally</li> </ul>

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#### Tentative Activities covered under Non-Competitive Budget

- Expenses towards undertaking quantitative survey of school children and their parents / guardians / caregivers at the baseline, midline and endline phase of the CITIIS project. The actual number of respondents to be surveyed would be determined based on the project requirements. The need for undertaking mid-line survey will be assessed during the project.
- Qualitative discussions through key-informant interviews and focus group discussions with representatives from school, government departments in Dehradun, local and internal NGO's, and experts.
- Qualitative discussions through key-informant interviews and focus group discussions with representatives from public transport operators including buses and *vikrams*.
- Qualitative studies such as transect walk, participatory appraisal using 2D and 3D tools etc. with students to map mobility routes.
- The cost for the above include preparation of quantitative survey questionnaire, field guides in hard copy or digital version as per project requirements. It would cover translation, pre-testing and piloting of the surveys and qualitative discussions.
- Digital processing of relevant data collected using GIS and other platforms.
- Collection of required secondary data from line departments / agencies.
- Organising participatory discussions like participatory appraisal, transect walk, co-creation of intervention designs along with project stakeholders.
- Conducting roundtables and workshop as per the requirement of the scope of work.
- Additional activities such as drone mapping of the ABD area, undertaking pilot demonstrations through use of high-tech equipment including drones for project related studies are not covered under this head. This should be covered under the Technical Assistance component for the PMU at NIUA.
- Expenses pertaining to photography, video documentation etc. for the project is not covered under this head
- Activities related to participation in national events, processes and international events, processes concerning child friendly cities, experience sharing, knowledge exchange are not covered in this project's non-competitive cost.
- Activities that are part of the original Dehradun Smart City Proposal and outside the scope of work of the Dehradun CITIIS project are not covered under this head.
- Any other requirement mutually agreed between PMC and DSCL.

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