BHUBANESWAR SMART CITY CHALLENGE
BHUBANESWAR MUNICIPAL CORPORATION
12 DECEMBER 2015

ANNEXURE 03
SMART CITIES STRATEGIC PLAN
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With a goal to ensure meaningful and diverse participation in the Smart City Proposal preparation process, Bhubaneswar launched a multi-pronged initiative—Citizen’s Connect Initiative—to obtain input from its citizens.

### Key Audience Segment
- Elected Representatives
- Institutional Stakeholders
- City Staff
- Media
- Persons
- NGOs
- City Makers
- Transgenders
- Senior Citizens
- Women
- Youth and Children
- Specially-abled
- Slum Dwellers

### Citizen’s Connect Initiative
- **32% Citizen’s Participated**
- **32%**

### Engagement Strategy (Adapted IAP2’s Public Participation Spectrum)

#### INFORM
- Provide citizens and stakeholders with objective information.
- **TOOLS**
  - Print Media
    - Advertisements
    - Street Hoardings
  - Electronic Media
    - SMSs
    - Mass Mailer
    - Radio Talk
    - Advertisements
    - Facebook
    - Website
  - Launch Program—Citizen’s Connect

#### CONSULT
- Obtain feedback from citizens on main challenges faced and discuss proposed solutions.
- **TOOLS**
  - Conferences
    - Seminars
    - Techno Fair
    - Stakeholder Meetings
  - Whatsapp Groups
    - Focused Groups
    - Experts Inputs

#### INVOLVE
- Conduct participatory planning exercises to co-create solutions.
- **TOOLS**
  - Contest
    - Vision Statement
    - Logo Design
    - Photography
  - Discussions
    - Discussion Forums
    - Idea Box
    - Community Mapping

#### COLLABORATE
- Partner with individuals, formal and informal groups to generate ownership in implementation.
- **TOOLS**
  - Smart City Labs
    - Institutions
    - Colleges
    - Schools
    - Public Organizations
    - Community Labs—Slums
  - Champions
    - Volunteer program
    - Mayor’s Badge
    - Smart Labs Execution Team (SET)
    - Smart Labs Organizing Team (SOT)
    - Smart Toolkit

#### EMPOWER
- To place final decision making in public hands through ballots and citizen juries.
- **TOOLS**
  - Democracy at work
    - Ward Sabhas
    - Corporation Approvals
  - Polling
    - Citywide Solution
    - Area-based Development
    - Best Practices for Transport and Waste
  - Progress Through Partnership
    - Technology Partners
    - College & Universities
    - NGOs
    - Technical partners

### Engagement Metrics
- **Likes:** 86,851
- **Reach:** 3.4cr
- **Engagement:** 11lakh
- **Votes:** 19.7lakh
- **Suggestions:** 1.6lakh
- **Participation:** 3.1lakh

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3.2 Bhubaneswar Smart City Proposal
The Smart City Lab (SCL) is based on an experimental approach to take community participation in city planning to the doorstep of Bhubaneswar citizens. Collaborative partnerships between citizens and experts is the ideal way to come up with innovative solutions to make Bhubaneswar smarter. SCL also aims to be a platform that will help close the digital divide in the city by bringing internet access closer to all citizens.

Outreach Campaigns
- Street Plays
- Photography
- Graphic Design
- Flash Mobs
- Event Management
- Participatory Appraisal
- Model-Making
- Surveys
- Information Kiosks
- Community Mapping

VOLUNTEERS IN ACTION

Survey
Graphic Design
Polls
Photography
Events
Web Design
Community Mapping
Outreach Events
Newspaper
Social Media Support
Participatory Appraisal
Film Making

PROGRESS THROUGH PARTNERS

1200 VOLUNTEER APPLICATION
3.4 STRATEGIC PLAN- New Urbanism in Action

Building on the City Profile, SWOT analysis and Citizen Engagement, Bhubaneswar’s Strategic Plan focuses on 5 strategic pillars guided by 10 Strategic Directions which are the key strategies for the plan supported by 30 City Goals.

CITIZEN ENGAGEMENT

BHUBANESWAR SMART CITY PROPOSAL
Proposal envisions to retrofit and redevelop 985 acres of area centred around main railway station in heart of city into a vibrant 24x7 destination-- The Bhubaneswar Town Centre District (BTCD)

3.5 AREA PROFILE

ALIVE

Access to

Net Population Density: 373 PPH
53% population living in 6% of BTCD area with a net density of 1020 PPH

FIGURE GROUND

Built Surface 100 Lakh Sq.ft
100-200m Block sizes; 4,100 Buildings Rooftops

LAND USE

Land use: 307 ac (31%)

WORK

Land use: 305 ac (31%)

BDA: 140 lakh Sq.ft. (Com) + 25 lakh Sq.ft. (PSP)

PLAY

Land use: 51 ac (5%)

Accessible open space: 1.2 sqm/capita (10-12 sqm/capita standard)
30 ac inaccessible open space (Lake Zone)
**PARTICIPATORY PLANNING**

People’s voices to make a Child Friendly Smart City

An extensive participatory citizen engagement initiated to reach out to citizens through household community labs to get informed opinions especially slum dwellers, women and children.

**DESIGN METHODOLOGY:**

- 24 Smart City Features
- Child Friendliness
- 40 Community Lab Questions
- Get Participation of Literates

**SAMPLE QUESTIONS ASKED**

- n=313
- n=894
- n=269
- n=341
- n=16
- n=1,348

**ASPIRATIONS**

- Intercity
- Government Services
- Air Pollution
- Waste
- Management
- Gender Equity
- Sanitation
- Public Open Spaces
- Water Pollution
- Open Spaces
- Waste Water Management
- Responsive
- Solar Energy
- Safety and Security

**PLANNING FROM A CHILD’S PERSPECTIVE**

- **33%** children walk to school
- **45%** parks are not used by children
- **41%** playgrounds are unsafe for children
- **1%** of working population includes children (10-18 years)
- **10%** children do not attend school
- **54%** children’s park located outside colony
- **42%** population does not have access to ICDS services within 1km
Bhubaneswar’s proposal envisions to retrofit and redevelop 985-acres centered around main Railway Station in heart of the city to a vibrant 24x7 destination - The Bhubaneswar Town Centre District (BTCD).

**EXISTING CONDITION OF BTCD**

**PROPOSED VISION FOR BTCD**

**RAILWAY STATION MULTIMODAL HUB**

12-acres Redevelopment Project as BBSR’s first smart public building and TOD mixed-use project including Railway Station terminal building redevelopment. NBC will take up the project. It is expected that project will generate cash inflow into CIDF for more than Rs. 200 Cr. on basis of land value capture.

**SATYANAGAR INSTITUTIONAL CORE**

Redevelopment of 40-acres of underutilized public land into an institutional space promoting commerce, business, and education hub (internationally certified courses offered by educational institutions, and multi-skill centre).

Private Investments shall be pro-actively promoted.

Central Plaza in the area

**LAKE NEUTRAL- ECOLOGICAL & WATER CYCLE RESTORATION**

30-acre project, as a fulcrum for integrated water management through rainwater harvesting, productive landscaping and green infrastructure.

To be developed as Eco-tourism project having Net Zero as the guiding principle.

**JANPATH - PEOPLE’S SMART PATH**

The area’s 5-km long priority transit corridor, will be the first roadway that will undergo a redesign of the existing 60m road into a pedestrian friendly roadway. This will be achieved through road diets, no parking zones, mid-block crosswalks every 250m, shade trees/ arcades, street furniture, designated multi-use vending zones & active retail frontage. The costing is for civil works and ICT components.

**JANPATH GOVT. HOUSING REDEVELOPMENT PROJECT**

Redevelopment Projects to provide 3800 houses with an average 1000 sq. ft. carpet area and 1600 sq. ft. saleable area.

Houses to be created on 30 acres of government land.

Government to get its share of houses as per project structure.

**MISSION ABAAS**

4 Slum Redevelopment Projects - Bapuj Nagar Abaas Yojana, Khantewa Nagar Abaas Yojana, Shanti Nagar Abaas Yojana, Sailend Nagar Abaas Yojana. 6000 number of EWS units and 1200 number of HIG / MIG units for cross subsidisation

VGF @ Rs. 2.5 Lakh is expected to be quoted. For meeting the same Rs. 1 lakh will be paid from FMAT and Rs. 1.5 lakh beneficiary contribution.

**BHUBANESWAR SMART CITY PROPOSAL**
As a signature intervention reflecting the city’s image, the plan proposes 50 projects in total to achieve all the essential features as given in Mission.
Revamping of road design specifications and implementation of Complete Streets by allocating equitable space for all users by employing resource efficient mechanisms such as road diets, no parking zones, mid-block crosswalks every 250m, shade trees/ arcades, differently-abled street design, street furniture, designated multi-use vending zones, removal of boundary walls, active retail frontage and utility ducting.

Along Janpath, Optimum width for a carriageway is 3 m for one-way movement.

JANPATH TOD CORRIDOR

People’s Smart Path- First roadway improvement under URBS

5-km. long priority transit corridor, will undergo a redesign of the existing 60m RoW into a pedestrian friendly roadway with smart features.

Existing RoW

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<th>NMT</th>
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<td>Existing RoW</td>
<td>50%</td>
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Proposed RoW

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<th>Driveway</th>
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<tr>
<td>Proposed RoW</td>
<td>50%</td>
<td>35%</td>
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3.10 CENTRAL BUSINESS DISTRICT

Transform the city’s geographic centre into a vibrant, multi-modal mixed-use district that supports increased densities, balance of live and work opportunities, and placemaking opportunities within close proximity to upgraded transit facilities.

**Central Business District**
- Proposed Master Plan
- **Satya Nagar Flyover**
- **Shreya Talkies Road**
- **Janpath**
- **Kharavelanagar**
- **Awas Yojana**
- **Proposed School**

**Satya Nagar Institutional Core**
- 40 Acres of institutional space promoting commerce, education and business

**Railway Station Multimodal Hub**
- 12 Acres of TOD mixed-use project including Railway Station terminal building redevelopment

**Key Components**
- 2 Hospitals
- Mixed Use
- Differential FARs
- Walkability
- Water Recycling
- Compact Urban Form
- Mixed-use Multilevel Car Parking

**Transforming the City: Multi-Modal Mixed-Use District**

- **Satya Nagar Institutional Core**
  - 11,650 Employment
  - 8,775 Population
  - 11,650 Employment
  - 8,775 Population
  - 4.7 Lakh Sq.ft Office Space
  - 4.7 Lakh Sq.ft Office Space
  - 10.8 Lakh Sq.ft Retail Space
  - 10.8 Lakh Sq.ft Retail Space

- **Janpath Government Housing Redevelopment Project**
  - 30 Acres of two row housing in Unit 1,2,3 redeveloped for high density residential developments

- **Jagannath Temple**
  - 3,700 Dwelling Units
  - 1.2 Lakh Sq.ft Office Space
  - 1.2 Lakh Sq.ft Office Space
  - 500 Ecs Parking Space
  - 500 Ecs Parking Space

- **Railway Station Multimodal Hub**
  - 5400 Employment
  - 2385 Population
  - 530 Dwelling Units
  - 1.1 Lakh Sq.ft Office Space
  - 7 Lakh Sq.ft Retail Space
  - 1.750 Ecs Parking Space
  - 4.2 Lakh Sq.ft Hotel+Convention

**Key Components**
- 2 Hospitals
- Mixed Use
- Differential FARs
- Walkability
- Water Recycling
- Compact Urban Form
- Mixed-use Multilevel Car Parking

**Railway Station Multimodal Hub**
- 12 Acres of TOD mixed-use project including Railway Station terminal building redevelopment

- **Railway Station Multimodal Hub**
  - 5400 Employment
  - 2385 Population
  - 530 Dwelling Units
  - 1.1 Lakh Sq.ft Office Space
  - 7 Lakh Sq.ft Retail Space
  - 1.750 Ecs Parking Space
  - 4.2 Lakh Sq.ft Hotel+Convention

- **Key Components**
  - Smart Waste Bins
  - Night Shelters
  - Mixed-use Multilevel Car Parking
  - Cell Phone Parking Lots
  - Street Vendor’s Market
  - Active Street Edge
  - Melas Prangan for cultural events
  - Pedestrian Haat
  - Grid Connected Solar Panels Parking Lots

**Railway Station Multimodal Hub**
- 20.32 Lakh Sqft. BUILT UP AREA
- Offices
- Retail
- Convention Centre
- Hotel
- Residential

**Railway Station Multimodal Hub**
- 8.5 Lakh Sq.ft Hotel+Convention
- 10.6 Lakh Sq.ft Office Space
- 500 Ecs Parking Space
- 2.2 Lakh Sq.ft Retail Space

**Key Components**
- Solar Canopy
- with NET METERING
- Rain Water Harvesting
- Waste Recycling Stations
- Dedicated Street Vending Zones
- Pedestrian Transit Plaza + Cultural Hub
- Integrated Housing Societies
- Street Vendor’s Market
- High End Hotels
- Office and Commercial Space
3.11 **LAKE NEUTRAL ECOLOGICAL & WATER CYCLE RESTORATION**

30-acre project, which is fulcrum for integrated water management through rainwater harvesting, productive landscaping and green infrastructure. Features include renewable energy park and second tap water recycling system.
3.12 FUTURE PROOFING BHUBANESWAR

Vulnerability within BTCD:

- **High**
  - Shahid Nagar
  - Satya Nagar
  - Master Canteen Area

- **Medium**
  - Bapuji Nagar
  - Unit 1 & Unit 2

**PROPOSALS:**

- **Structural Stability (Earthquake Resistance)**
  Enforcement of Building Regulations and Auditing of New Construction through TPQMA.

- **Energy Efficiency Initiative**
  Reducing energy consumption and ensuring Sustainable Energy through programmes such as SE4ALL, DELP for energy efficient lighting, LED street lighting, Energy efficient water pumps and Solar water heater Solar water heaters.

- **Solar City Programme**
  Introducing Roof top Solar project with 2 MW Solar energy generation on existing public building, 1 MW on Railway Premises, 7 MW on roof tops of new developments, 1 MW on retrofitting of private buildings and 0.4 MW in Micro Solar Power Project as part of Project Neutral.

- **Urban Flooding - Early Warning System**
  Installing Early Warning Sensors in Lake Zone 1, 2 & 3 for better preparedness and to mitigate the impacts of flooding. Environmental status monitoring through Environmental Sensors.

- **Incident and Disaster Management Plan**
  Preparation and annual updation of Integrated Disaster Management Plan for Smart District and neighbourhood level. Organizing Mock Drills for capacity building of staff.
3.13 Social Equity Lens in Planning

Prioritize actions to ensure universal and equitable access to public health and welfare programmes.

PROJECT KUTUMB
Social equity centres, Working hostels and Shelters for homeless with canteens providing subsidised food (Aahar Scheme) and amenities like Water ATM

4 Social Equity Centres
2 Shelter for Homeless and 2 Working Hostels

PROJECT KUSUM
Early Childhood Care Centres with (1) Model Anganwadi Centres, (2) Shared Open Space, (3) Provision of play equipment, (4) Integration with e-Primary Health Initiative and providing Quality Improvement Program (QIP) on Multi Media Learning in Schools

40 Model Anganwadi Centres

PROJECT SWABHIMAN
Setting up of a Multi Skill Centre to provide skill development training under NSQF and NSDA Programme. Incubation Facility Assistance with common infrastructure for Micro Business Enterprises and Handhold support for Micro Business Entrepreneurs

10 MBEs for 6000 reach
BHUBANESWAR SMART CITY PROPOSAL

3.14 PAN CITY PROPOSAL

Intelligent City Operations and Management Centre (ICOMC)

Bhubaneswar’s state-of-the-art Intelligent City Operations and Management Centre (ICOMC) is at the core of its pan-city proposal. This centre will provide digital platform for integrating multiple city sub-systems.

INTELLIGENT TRAFFIC MANAGEMENT:
- 70 Signalised Intersections
- 5 Surveillance Cameras per Junction
- 154 VMS @ 3 per Km
- 26 Intersections with Area Based Traffic Control facilities
- 40 Intersections with Environmental Sensors
- e-Challan

TRANSIT OPERATIONS:
- 400 Km PT Network
- 185 BPTSL Buses
- 1,200 PIS (400 On-board and 800 at bus shelters)

100% Fleet tracking Depot and asset management; crew and bus scheduling for Bhubaneshwar Puri Transport Services Limited (BPTSL) buses

PARKING MANAGEMENT:
- 5,500 Equivalent Car Space (ECS) On-street Parking
- 3,000 Equivalent Car Space (ECS) in 5 MLP

Payment through Common Payment Card

PARKING AVAILABILITY:
- Parking availability on common or specific parking areas

EMERGENCY RESPONSE AND INCIDENCE MANAGEMENT:
- 1,200 Surveillance cameras for incident detection
- 10 weather monitoring stations for real-time data collection
- Emergency response intake through call, mobile app or panic button, Computer Aided Dispatch (CAD) and first responder coordination

COMMON PAYMENTS CARDS:
- 10 Card issuance and Know Your Customer (KYC) Centers

Hand-held Point of Sale (POS) for issuance of tickets

NATIONAL PAYMENTS CORPORATION OF INDIA (NPCI) as central clearing house

COMMAND CONTROL CENTRE:
- Core utility operations integration and operation centre for SWM, Energy and Water Supply

60’X10’ Video wall for overall monitoring with 24’ X 6’ smaller video walls for each module

Evidence based decision making and responsive operational control for real-time incident management; Inter-agency and inter-sectoral collaboration; Service delivery improvements

ICOMC will result in safe mobility, responsive city operations and management along with optimisation of capital expenditures by providing real time data support.

Customer Management Systems: Call Centre | Citizen Portal | Mobile App
3.18 FINANCE PLAN ABSTRACT

BHUHANESWAR SMART CITY PROPOSAL

TOTAL PROJECT COST ₹4,537 CR

CONVERGENCE - STATE SCHEME ₹227 CR
CONVERGENCE - NATIONAL PROGRAMME ₹298 CR
MISSION FUNDS ₹950 CR
PUBLIC PRIVATE PARTNERSHIP ₹2,563 CR
ASIAN DEVELOPMENT BANK - LOAN PROGRAMME ₹210 CR
POOLED MUNICIPAL DEBT OBLIGATION FACILITY ₹60 CR
COMMERCIAL BORROWING ₹30 CR
OTHERS, INCLUDING CIDF ₹184 CR
PUBLIC PRIVATE COMMUNITY PARTNERSHIP ₹15 CR

BTCD AREA BASED TOTAL COST ₹4,095 CR

9 SUB PLANS 56 PROJECTS

BUILD BASICS SUB-PLAN ₹26 CR
SOCIAL DEVELOPMENT SUB-PLAN ₹32 CR
ECONOMIC DEVELOPMENT SUB-PLAN ₹42 CR
FUTURE PROOFING SUB-PLAN ₹102 CR
TECHNOLOGY FOR ALL SUB-PLAN ₹209 CR
BASIC SERVICES SUB-PLAN ₹267 CR
URBAN MOBILITY SUB-PLAN ₹280 CR
TOD SUB-PLAN ₹212 CR
HOUSING FOR ALL SUB-PLAN ₹1,009 CR

ICOMC PAN CITY TOTAL COST ₹442 CR

6 COMPONENTS

PARKING ₹16 CR
COMMON PAYMENT CARD ₹26 CR
EMERGENCY RESPONSE & IMS ₹30 CR
TRANSIT OPERATIONS ₹72 CR
COMMAND & CONTROL CENTRE ₹84 CR
TRAFFIC MANAGEMENT ₹214 CR

TOTAL PROJECT COST ₹4,537 CR

FINANCE PLAN ABSTRACT

AREA BASED BTCD TOTAL COST ₹4,095 CR

9 SUB PLANS 56 PROJECTS

BUILD BASICS SUB-PLAN ₹26 CR
SOCIAL DEVELOPMENT SUB-PLAN ₹32 CR
ECONOMIC DEVELOPMENT SUB-PLAN ₹42 CR
FUTURE PROOFING SUB-PLAN ₹102 CR
TECHNOLOGY FOR ALL SUB-PLAN ₹209 CR
BASIC SERVICES SUB-PLAN ₹267 CR
URBAN MOBILITY SUB-PLAN ₹280 CR
TOD SUB-PLAN ₹212 CR
HOUSING FOR ALL SUB-PLAN ₹1,009 CR

ICOMC PAN CITY TOTAL COST ₹442 CR

6 COMPONENTS

PARKING ₹16 CR
COMMON PAYMENT CARD ₹26 CR
EMERGENCY RESPONSE & IMS ₹30 CR
TRANSIT OPERATIONS ₹72 CR
COMMAND & CONTROL CENTRE ₹84 CR
TRAFFIC MANAGEMENT ₹214 CR
## BHUBANESWAR SMART CITY PROPOSAL

### 3.19 FINANCIAL ANALYSIS OF SCP

#### FINANCIAL PLAN - ABSTRACT

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<th>Year 2</th>
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#### A. Total Project Cost (Area Based Development BTCD Plan)

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<th>Total Project Cost (TPC)</th>
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<th>Year 2</th>
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<td>580</td>
<td>580</td>
</tr>
<tr>
<td>4</td>
<td>Common payment card</td>
<td>-</td>
<td>2,576</td>
<td>515</td>
<td>618</td>
<td>206</td>
<td>206</td>
<td>206</td>
</tr>
<tr>
<td>5</td>
<td>Emergency Response and City Incidence Management System</td>
<td>-</td>
<td>2,994</td>
<td>599</td>
<td>718</td>
<td>239</td>
<td>239</td>
<td>239</td>
</tr>
<tr>
<td>6</td>
<td>Command and Control Centre</td>
<td>-</td>
<td>8,380</td>
<td>1,676</td>
<td>2,011</td>
<td>670</td>
<td>670</td>
<td>670</td>
</tr>
</tbody>
</table>

#### B. Total Project Cost (PAN City Solution ICOMC Plan)

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Component</th>
<th>No. of Projects</th>
<th>Total Project Cost (TPC)</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>City Infrastructure Development Fund</td>
<td>-</td>
<td>8,500</td>
<td>-</td>
<td>-</td>
<td>City Infrastructure Development Fund</td>
<td>8,500</td>
<td>-</td>
</tr>
<tr>
<td>8</td>
<td>Asian Development Bank - Program Loan</td>
<td>-</td>
<td>10,000</td>
<td>-</td>
<td>-</td>
<td>Asian Development Bank - Program Loan</td>
<td>10,000</td>
<td>-</td>
</tr>
</tbody>
</table>

#### C. Total Cost of BBSR Smart City Proposal

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Component</th>
<th>No. of Projects</th>
<th>Total Project Cost (TPC)</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Project Management @ 5% of SCM Financing</td>
<td>57</td>
<td>453,715</td>
<td>43,283</td>
<td>86,445</td>
<td>117,005</td>
<td>88,805</td>
<td>104,049</td>
</tr>
</tbody>
</table>

#### E. Total Projected Requirements from Smart City Mission

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Component</th>
<th>No. of Projects</th>
<th>Total Project Cost (TPC)</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
</tr>
</thead>
<tbody>
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<td>1</td>
<td>Project Management @ 5% of SCM Financing</td>
<td>57</td>
<td>453,715</td>
<td>43,283</td>
<td>86,445</td>
<td>117,005</td>
<td>88,805</td>
<td>104,049</td>
</tr>
</tbody>
</table>

---

**ICOMC project will be implemented on Managed Service Contract basis.** Duration for completion of project is assumed to be two years and lifecycle of the project is taken as seven years thereafter. TPC indicates the total requirement of fund for the lifecycle because of nature of contract obligations assumed.
3.20 FINANCE TIMELINE
SMART CITY PROPOSAL

- FORMATION OF SPV AND INITIAL
- STARTUP ACTIVITIES
- STAKEHOLDER’S MATCHING CONTRIBUTION
- STAKEHOLDER’S EQUITY CONTRIBUTION
- FIRST INSTALLMENT OF GOI GRANT

- SUBMISSION OF MEMORANDUM FOR LOAN PROGRAMME

- FINALIZATION OF LOAN PROGRAMME AND SIGNING OF AGREEMENTS

- RECEIPT OF FIRST INSTALLMENT

- PROJECT PREPARATIONS

- DPR SUBMISSION - IPDS & AMRUT

- PROJECT INITIATION

- SANCTION OF FUNDS - PMAY

- DPR SUBMISSION - SCRIPS & RSMH (PH-I)

- SELECTION OF PRIVATE PARTNER FOR RSMH

- SELECTION OF PRIVATE PARTNER FOR JANPATH HOUSING

- PROJECT COMPLETION & START OF OPERATION

- REPAYMENT OF LOAN - FIRST INSTALLMENT

- THE REPAYMENTS OF FINAL INSTALLMENTS OF LOANS HAPPEN IN 10TH YEAR