

**List of Projects as per Smart City Proposal : Lucknow**

| Sl. No. | Projects in SCP   | Cost (Rs. in Crore) |
|---------|---|---------------------|
|         | <b>Area Based Development (ABD)</b>                                       |                     |
|         | <b>Drainage</b>   |                     |
| 1       | Covering of Nallahs   | 36.00               |
| 2       | Strengthening & Augmentation of Network                                   | 161.00              |
|         | <b>Water Supply</b>   |                     |
| 3       | Strengthening & Augmentation of Distribution Network                      | 12.00               |
| 4       | Smart Metering  | 4.41                |
| 5       | SCADA   | 5.00                |
|         | <b>Electricity</b>  |                     |
| 6       | Underground distribution cabling & relocation of transformers             | 156.00              |
| 7       | Smart Metering  | 10.08               |
| 8       | Energy efficient lighting (LED based with network redesign)               | 0.86                |
| 9       | Utility Duct (Electricity, Water, Telecom, OFC, PNG)                      | 60.00               |
| 10      | PNG Network   | 30.00               |
|         | <b>Smart Grid</b>   |                     |
| 11      | Solar Rooftop PV  | 12.80               |
| 12      | Rain Water Harvesting   | 10.00               |
| 13      | Waste Water Treatment & Reuse   | 14.45               |
|         | <b>ABD</b>  |                     |
| 14      | Infrastructure works & facilities etc. at slums                           | 11.40               |
| 15      | Night Shelters  | 0.75                |
| 16      | Beautification of Parks & Greens & establishing open Gyms & WiFi Hotspots | 9.00                |
| 17      | Gomti River front Development   | 113.00              |
| 18      | Smart City Knowledge Management Centre                                    | 93.82               |
| 19      | Pedestrian Infra & Street Furniture                                       | 6.73                |
| 20      | Pelican Crossing for inter connecting parks (Begum Hazrat & Surroundings) | 0.10                |
| 21      | Cycle Track   | 4.66                |
| 22      | Variable Message Signs  | 1.75                |
| 23      | Urban Mobility Nodes  | 4.00                |
| 24      | New Multilevel Car Parking  | 66.58               |
| 25      | Parking Vegetable Market, Quaiserbag Crossing                             | 26.63               |
| 26      | Parking Fish Market   | 13.32               |
| 27      | Quaiserbag Bus Stand  | 1.00                |
| 28      | Dayanidhan Park   | 1.00                |
| 29      | Saroini Naidu Park  | 1.00                |
| 30      | Smart Parking solution on street parking                                  | 0.90                |
| 31      | Smart Ticketing (Temporary Encrachment Regulation & Penaty)               | 4.50                |
| 32      | Road & junctions Improvement  | 42.50               |
|         | <b>Safety &amp; Security</b>  |                     |
| 33      | CCTV Camera   | 8.00                |
| 34      | Emergency Call Points   | 4.00                |
| 35      | Modern Police Kiosks  | 2.25                |
|         | <b>Sewerage</b>   |                     |
| 36      | Sewer line along nallahs (intercepts)                                     | 10.00               |
| 37      | Strengthening & Augmentation of network                                   | 280.00              |
|         | <b>Solid Waste Management</b>   |                     |
| 38      | Door to Door Collection (using GPS & ICT for User Charge Coection)        | 4.00                |
| 39      | Smart Road Bins (Sensor based)  | 4.00                |
| 40      | Smart Community Bins (Sensor based)                                       | 2.40                |
| 41      | Road Cleaning Equipments  | 8.00                |
|         | <b>Sanitation</b>   |                     |
| 42      | Public & Community Toilets - New and upgradation of all                   | 10.80               |
|         | <b>ABD</b>  |                     |
| 43      | Awadh walk on thandi Sadak  | 5.00                |
| 44      | Awadh Point - Central Recreational Space (Begum Hazrat Mahal Park)        | 12.00               |
| 45      | International Culture & Heritage Centre (Chattar Manzil)                  | 96.00               |
| 46      | Tourist Information Centre (Imambara)                                     | 1.00                |

| Sl. No.  | Projects in SCP   | Cost (Rs. in Crore) |
|--|---|---------------------|
| 47   | Façade Lighting & Restoration of Lal Baradari   | 2.48                |
| 48   | Archeological Research & Heritage Centre - Roshan Ud Dolah Kothi  | 13.55               |
| 49   | Public Library at Darshan Vilas Kothi   | 8.72                |
| 50   | Heritage Conversation Institute at Kothi Gulestaan e eram   | 11.38               |
| 51   | Cultural Club at Rafique e aam club   | 8.00                |
| 52   | Restoration of Moris Market near Quaiserbagh crossing   | 2.00                |
| <b>City Branding Initiatives</b>                       |   |                     |
| 53   | Cuisine & Handicraft Festivals  | 0.96                |
| 54   | Cutural Theme Events  | 2.40                |
| 55   | Awareness Campaign  | 1.44                |
| 56   | Branding & promotion materials  | 1.00                |
| 57   | Onine Radio & TV Campaigns  | 4.80                |
| 58   | Soft Costs  | 56.03               |
| <b>One Lucknow Smart City Management System/Portal</b> |   |                     |
| 59   | A centralized backend command centre to be set up for enabling and empowering all sectors of governance for better delivery of services to the citizens.  | 81.00               |
| 60   | Capacity Building programs: to ensure participation of the administration and its wings in an effective manner with smart city management system  |                     |
| <b>MOBILITY</b>  |   |                     |
| 61   | Integrated Traffic Management System  | 476.58              |
| 62   | Smart City Surveillance System with augmenting of existing Control Centre   |                     |
| 63   | Smart Solutions for Existing Parking  |                     |
| 64   | Smart Bus Shelters  | 20.31               |
| 65   | Unified Smart Mobility Card   |                     |
| 66   | Urban Mobility Nodes((a) IPT mode terminal (b) Solar based charging for E-rickshaws (c) E-suvidha Kendra/ "ONE LUCKNOW KENDRA"(d) Free WiFi (e) Public toilets (f) bicycle hiring (g) commercial area(kiosks) (h) parking area) |                     |
| 67   | Energy efficient street lighting (LED)  |                     |

**Note-** This only indicates cost of individual projects given in the SCP. The total value of SCP may additionally include other costs such as DPR preparation, PMC, O&M etc.