

ITEM NO. 06 (W-01)

1. **Name of the Subject/Project:**  
Revision in the Smart City Proposal submitted to the Ministry of Urban Development, Government of India on 15<sup>th</sup> December, 2015
2. **Name of the Department:**  
Project Department, New Delhi Municipal Council.
3. **Brief history of the subject:**
  - 3.1 Government of India (GOI) Ministry of Urban Development (MoUD) launched Smart City Mission on 25<sup>th</sup> June, 2015 to develop 100 cities throughout the country as Smart Cities who will be given matching grant of Rs.500 crores each from the Government of India and same amount to be arranged by the Urban Local Body (ULB)/State. The mission is a centrally sponsored scheme lunched and steered by the MoUD, GOI.
  - 3.2 New Delhi Municipal Council (NDMC) has been selected by MoUD after due recommendations by the State Level High Powered Steering Committee (HPSC), Government of NCT of Delhi (GNCTD) to participate in the second stage – City Challenge Round 1 for selection, which was announced on 27<sup>th</sup> August 2015. In total 97 cities were selected for participation in Stage 2 of City Challenge Round 1.
  - 3.3 The Smart City Proposal (SCP) was to be submitted by 15.12.2015 for consideration in the Stage 2 of City Challenge Round 1 for grants of fund from MoUD after approval from Council and the HPSC.
  - 3.4 A Smart City Proposal was prepared by NDMC, which was approved by the Council vide Resolution No.24 (W-01) dated 7.12.2015. This SCP was considered and approved by HPSC on 11.12.2015 with certain suggestions. The suggestions made by the HPSC were incorporated in the SCP, and the revised SCP was considered and approved by the Council on 15.12.2015 vide Resolution No. 24(W-01). The approved SCP was submitted to the MoUD on 15.12.2015.
  - 3.5 NDMC has been selected as one of the 20 Cities by the MoUD under City Challenge Round 1 of the Smart City Mission of the GOI on 28<sup>th</sup> January, 2016.
4. **Detailed proposal on the subject:**
  - 4.1 MoUD vide D.O. letter No. K-15016/209/2015-SC-I dated 03.02.2016 Annexure -1 (See Page- 46) informed that while assessing the Smart City proposals, the Panel of Experts has made some observations about how improvements can be made in each proposal. A copy of the observations of the Panel of Experts in the SCP of NDMC has been forwarded by the MoUD vide letter No. K-15016/209/2015-SC-I dated 09.02.2016 Annexure -2 (See Pages 47 - 48 ). It is informed that first installment of Central share under the Smart Cities Mission will be released by the MoUD on submission of the revised SCP and the establishment of the Special Purpose Vehicle. MoUD vide letter No. K-15016/157/2015-SC-I ₹ 16.02.2016 informed that the revisions / changes should be in different font, colour as in the SCP already submitted in Stage 2, Round 1.
  - 4.2 In view of the observations made by the Panel of Experts as communicated by the MoUD, the following changes have been made in the Smart City Proposal:

#### 4.2.1 Panel of Experts Observation No. 1

Initiatives such as one card for all banking insurance movie tickets etc. and on street video conference, world city awards etc. will require extensive coordination between stakeholders

#### Proposed change in the Smart City Proposal (SCP)

The following has been added to Question 15 at page 34-35 of the SCP as additional risk factor with mitigation plan for extensive stakeholder coordination for all projects:

Content in the submitted Smart City Proposal	Proposed Revision
"Nil"	<p><b>Stakeholders:</b> The Stakeholders for 'One Card' will be the ULB, citizens, financial partner institution and the Government.</p> <p><b>Risk Mitigation:</b> NDMC will go for intensive coordination stakeholders through in collaboration with identified financial partner institution for implementation of the 'One Card through: (a) Setting up of information kiosks at major nodes (metro stations, shopping centres, banks) in collaboration with NDMC's financial partner institution (b) Comprehensive social media campaign with citizens with regard to access and benefits (c) Advertisement of the 'One Card' through FM Radio, Social media, Movie Theatres, outdoor billboards and metro stations</p> <p><b>Stakeholders:</b> The Stakeholders for 'World City Awards' will be the ULBs of shortlisted cities based on City Benchmarks, citizens, Event Managers, Corporate Partners, Hospitality Partners and Knowledge Partners and Key Sponsors.</p> <p><b>Risk Mitigation:</b> NDMC will have intensive coordination along stakeholders in collaboration with identified partner institution for management and execution of 'World City Award' through (a) Evaluation of tie-ups/alliance with event managers/ partners/ research firms etc. for the event (b) Selection of ULBs nationally and globally through City Benchmarking (c) Awards for the best Capital Cities on themes related to smart solutions, Emotional connect with the citizens, Promotion of local heritage, Creation of a tourism asset through a marquee event (d) Comprehensive social media campaign for engaging with citizens and the above stakeholders.</p> <p><b>Stakeholders:</b> The Stakeholders for 'Gateway to the World: On-street Live Video Conferencing between people of Delhi and multiple Global Cities' will, Citizens of multiple Global Cities, Embassies and Partner Cities globally. A similar initiative was undertaken during the India-Africa Summit 2015, wherein NDMC proposes to replicate such initiatives at least once a month.</p> <p><b>Risk Mitigation:</b></p>

	NDMC will strengthen coordination between stakeholders through (a) Alliances with ULBs globally through coordination with Embassies in New Delhi (b) Comprehensive social media campaign for engaging with citizens and the above stakeholders.
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#### 4.2.2 Panel of Experts Observation No. 2

Interventions such as “happiness areas” need more detailing

##### Proposed change in the Smart City Proposal (SCP)

The following has been added to Q-16 (5) in page 38 as details of the interventions to be undertaken in the happiness areas:

Content in the submitted Smart City Proposal	Proposed Revision
Output: Enhanced quality of life for citizens through improved access to public amenities, improved aesthetics of the city, availability of more open spaces and green spaces, communication Channel for advertising government schemes, achievements & updates	Output: Enhanced quality of life for citizens through improved access to public amenities, improved aesthetics of the city, availability of more open spaces and green spaces, communication Channel for advertising government schemes, achievements & updates *Objective of Happiness Areas: Redesign of existing public spaces for hosting wellness/ happiness areas by organizing cultural and social activities on regular basis throughout the year. The scope of the intervention includes indoor and outdoor facilities in the following areas: arts and culture, fitness arenas and skating surfaces, gymnasiums and multipurpose spaces, outdoor sports complexes, and other recreational outdoor spaces. NDMC recognizes that local sport, culture and recreation facilities – including parks and open spaces – are vital to building a sustainable future and in achieving its Vision “To be the Global Benchmark for a Capital City”.

#### 4.2.3 Panel of Experts Observation No. 3

ABD requires real time involvement of numerous property owners plans to secure their continued commitment to the proposal are necessary

##### Proposed change in the Smart City Proposal (SCP)

In “Addendum to Annexure III”, for each ABD project it has been identified whether it impacts the property owners (directly or indirectly) and action plan has been formulated on how to involve them.

Content in the submitted Smart City Proposal	Proposed Revision
“Nil”	Added in “Addendum to Annexure III”

#### 4.2.4 Panel of Experts Observation No. 4

Metrics for city vision need to be calculated for 2019, since the 2025 goals are highly ambitious. Also the metrics as of base year need to be indicated to understand the gaps

##### Proposed change in the Smart City Proposal (SCP)

The metrics of the base year *i.e.* 2015 along with 2019 has been provided as an “Addendum to Annexure III”. Understanding the gaps, metrics such as 7, 8, 10, 11, 15, 16, 18, 22, 26, 27, 28, 32 have been revisited and targets of 2025 have been recalculated [Q 5, page 16 & 17 of the SCP].

Sl. No	Metric	Content Submitted in the RFP	Proposed Revision
		NDMC 2025	NDMC 2025
7	Fine particulate matter (PM 2.5)	10 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>
8	Fine particulate matter (PM 10)	20 µg/m <sup>3</sup>	100 µg/m <sup>3</sup>
10	Capital spending as a percentage of total expenditures	50%	20%
11	Own-source revenue as a percentage of total revenues	100%	95%
15	Square meters of public indoor recreation space per capita	9 sq. m	0.1 sq. m
16	Square meters of public outdoor recreation space per capita	120 sq. m	20 sq. m
18	Number of homeless per 100 000 population	5	0
22	Number of cell phone connections per 100 000 population	200000	80000
26	Annual number of public transport trips per capita	3000	300
27	Number of personal automobiles per capita	0.10	0.60
28	Green area (hectares) per 100 000 population	1000	190
32	Percentage of the city's wastewater receiving tertiary treatment	100%	10%

#### 4.2.5 Panel of Experts Observation No. 5

Pedestrianization plan mentions removal of hawkers-need to be reworked so as to make strategy more inclusive and aligned with National policy

#### Proposed change in the Smart City Proposal (SCP)

The provisions of Street Vendors Act (2014) will be complied with for removal of hawkers. The same has been elaborated in Q.11 (i) (xi) at page 27 of the SCP. Detailed procedures to be followed is given in Q12 (i) with \*\*\* at page 28 of the SCP.

Content in the submitted Smart City Proposal	Proposed Revision
Pedestrianization of Inner Circle CP, free from unauthorized hawkers	<p>Pedestrianization of Inner Circle CP, free from unauthorized hawkers in accordance with Street Vendors Act(2014)</p> <p><u>Detailed Procedure</u> Implementation of Pedestrianization of Inner Circle CP will take place in accordance with Street Vendors Act (2014). All the street vendors will be accommodated in designated vending zone. In case, all the</p>

	vendors cannot be accommodated in the same vending zone, allocation of space will be made by drawing of lots.
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#### 4.2.6 Panel of Experts Observation No. 6

The city is also covered or proposed to be covered under CGD network of MoP and city should also converge with MoP and natural gas in the proposal

##### Proposed change in the Smart City Proposal (SCP)

It is proposed provisions will be made in the sensor based multi utility duct for developing CGD network. This is added in Q 16 (2) at page 37 of the SCP.

Content in the submitted Smart City Proposal	Proposed Revision
"Nil"	Multi-utility Duct: Depending upon the availability of the technology, provision will be made for City Gas distribution Network through the utility duct

#### 4.2.7 Panel of Experts Observation No. 7

Leverage Make in India, Skill India and Start up India

##### Proposed change in the Smart City Proposal (SCP)

Convergence has been identified with multiple projects under Skill India and Start up India. It has been detailed in Q 13 at page 30 and Q. 14 at page 32 of the SCP

Content in the submitted Smart City Proposal	Proposed Revision
<p><u>Make in India</u> The Solar Power Project falls under the Renewable energy sector of "Make in India". NDMC will try to procure the solar PV panels Made in India. In addition, as part of the proposed Smart City Policy of NDMC, preference will be given for procurement from startups and Indian firms.</p>	<p><u>Q13</u> <u>Start up India</u> "Electric Vehicles (EV's)", "Smart Parking App" and "Smart mini STP" are unique concepts which will attract various start-up firms to implement these projects. Thus this initiatives can get benefits under Startup India.</p> <p><u>Skill India</u> Initiatives such as education of children and youth of the Jhuggi Jhopdi clusters through skill transfer and mentorship by senior citizens in various areas of expertise will converge with the National Urban Livelihoods Mission (NULM) scheme of the Government of India.</p> <p><u>Q14</u> <u>Skill India</u> Initiatives such as education of children and youth of the Juggi Jhopdi clusters through skill transfer and mentorship by senior citizens in various areas of expertise will converge with the National Urban Livelihoods Mission (NULM) scheme of the Government of India as well as with Pradhan Mantri Kaushal Vikas Yojana (PMKVY) under</p>

	<p>the Ministry of Skill Development and Entrepreneurship wherein the youth will be eligible to receive outcome based training with rewards. Other skill development initiatives include extensive capacity building and skill development of the stakeholders responsible for the implementation of the ABD as well as the PAN city initiative through setting up of world class Skill Training Centre for imparting various skills related solar energy management, 3D design and printing, computer based design and animation. School infrastructure after normal school timings would be used for imparting skills in the aforementioned areas. These are in line with the National Policy for skill development and entrepreneurship wherein various mentioned initiatives such as setting up of multi-skill institutes through appropriate PPP models with the help of Government funding will be explored.</p> <p><b><u>Start-Up India</u></b></p> <p>Various initiatives such as “Electric Vehicles (EV's) based last mile connectivity”, “Citizen application for car-pooling/cycling/traffic conditions/CCTV videos/air quality/e-challan etc.”, “Creating volunteer ecosystem”, “Smart Parking App” and “Smart mini STP” are unique concepts within the NDMC SCP, which have been discussed in detail at the idea stage with various start-up vendors. These initiatives will provide opportunities for start-ups to function as implementation partners of NDMC. These projects have the potential to avail the benefits of Start-Up India policy of Government of India if implemented by the start-up organizations. Benefits will include those declared under the Prime Minister’s 19 Action Plan for Start-ups such as incubation opportunity, substantial tax breaks, and relaxed norms of public procurement among others.</p>
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**4.2.8 Panel of Experts Observation No. 8**  
Linkages between PAN city and ABD

**Proposed change in the Smart City Proposal (SCP)**

The following has been added to Q21, last paragraph at page 49 of the SCP:

Content in the submitted Smart City Proposal	Proposed Revision
<p>Make in India: NDMC proposes to procure most of the equipments of the solar power project made in India under this scheme.</p>	<p>There are sub-components of PAN city projects which are applicable within the area chosen for ABD i.e. NDCC. Following the same, linkages of the PAN city initiatives with the Area Based Development projects were also established as given below:</p> <p>1) e-governance: Online provisions for bill payment for common utility services, grievance redressal for</p>

