

BUDGET SPEECH 2020-21

Distinguished members of the Council,

It is my privilege and a matter of personal pride to present before you the Budget of New Delhi Municipal Council for the forthcoming financial year 2020-21.

New Delhi Municipal Council has a special status among all Urban Local Bodies in India and is now considered a benchmark in terms of service delivery and operational excellence. We now intend to enhance this position and become a benchmark among other local bodies globally. This comes with its own challenges. Constantly increasing public expectations challenges emerging from increased urbanization and migration pose major challenges. At the same time NDMC is striving to enhance its own service levels to add to public satisfaction.

The urbanization process itself is being transformed and includes Sustainable Development Goals prescribed by UNDP to create sustainable cities and communities. The World is further bracing up to the concept of resilient cities that have the ability to absorb, recover and prepare for future shocks inclusive of socio-economic, environmental and institutional. NDMC intends to imbibe these principals in its overall objectives and continue to work for them.

Financial sustainability is at the core of our growth strategy which will ensure not only our survival but make us thrive. I am happy to say that NDMC has been able to meet its objectives over the years with minimal assistance from State or Central Government making this a model to be emulated by others. We assure that the NDMC will continue to maintain the levels already achieved in all functional areas and take them to new heights.

With these words I now present the Annual Budget 2020-21. I will present the financial projections first;

The total receipts of the Budget Estimates (BE) 2020-21 are **Rs. 4372.40** Crore against **Rs.4234.59** Crore provided in Revised Estimate (RE) 2019-20. The actual receipts in 2018-19 were Rs.3976.32 crore. The BE 2020-21 for the revenue receipts are **Rs.3719.65** crore against **Rs.3606.89** crore provided in RE 2019-20 and actual of **Rs.3322.72** crore in 2018-19. The BE 2020-21 for capital receipts are **Rs.652.75** crore against **Rs.627.70** crore provided in RE 2019-20 and actual of **Rs.653.60** crore in 2018-19.

The total expenditure for BE 2020-21 are **Rs.4017.24** crore against **Rs.3960.20** crore provided in RE 2019-20 and actual of **Rs.3359.93** crore in 2018-19. The BE for revenue expenditure in 2020-21 are **Rs.3587.53** crore against **Rs.3492.14** crore

provided in RE 2019-20 and actual of **Rs.3152.07** crore in 2018-19. The capital expenditure is projected at **Rs.429.71 crore** in BE 2020-21 against **Rs.468.06** crore in RE 2019-20 and actual of **Rs.207.86** crore in 2018-19.

I will now highlight the performances and achievements of NDMC in major areas during 2019-20 and propose the plans and projections for the year 2020-21.

1. SMART MUNICIPAL GOVERNANCE

1.1. Smart approach to municipal services and their delivery mechanism adds to the public satisfaction besides municipal efficiency. NDMC has taken several IT-based initiatives through technology intervention for strengthening of e-Governance and m-Governance to improve efficiency and effectiveness in providing civic services in an equitable, non-discretionary and transparent manner. Now I will present the status of some major initiatives taken.

1.1.1. Municipal Services and Grievance Redressal through NDMC 311 Mobile App

NDMC has implemented mobile App NDMC 311 to resolve citizen's grievances which received overwhelming response. As on 06.12.2019, 132505 grievances have been received, out of which 131350 grievances (99.12%) have been resolved. Besides, 311 App provides the citizen an opportunity to watch online status of services like parking, toilets, Parks and locate facility like ATMs etc. nearby.

1.1.2. QR Code based response mechanism in Public Toilets on real time basis

To gather the response of citizens regarding the upkeep of Public Toilet Units (PTUs) / Community Toilet Units (CTUs), an online mechanism has been deployed to take the feedback/ response through installation of 331 numbers of tablets at such PTUs / CTUs. During the year 2019, over 19 lakh feedbacks / responses have been received through these tablets. Now, NDMC has installed QR plates in all PTU's/CTU's through which user response can be provided.

1.1.3. Online Bill Tracking System

To ensure the transparency and reducing delay in processing and making payment to NDMC vendors, Online Bill Tracking System to track the bills of contractors / vendors etc. with provisions for monitoring and reviews has been introduced and is fully functional.

1.1.4. Networking in Palika Kendra

The existing network in the Palika Kendra is being proposed to be replaced with higher capacity and speed network which will improve

online services of NDMC and this project would be completed by July' 2020. This would facilitate shifting of NDMC to e-office as well.

1.1.5. Development of Tree Information System

Information of 100 Trees in Lodhi Garden shortlisted on the basis of their medicinal, spiritual, heritage values had been made available through green boards having QR codes on such trees to enable visitors to explore the beauty of nature through their smart phones. In this FY we are going to include 4000 more types of trees under this scheme.

1.1.6. Unique Smart Address for Urban Properties/ Establishment

Unique Smart Sequential Addressing Solution for Urban Properties/Establishments assigns an Alpha Numeric Smart Address code for each property/ establishment in New Delhi with the information of main road, sub road/lane, landmarks building and the floor. They are also equipped with RFID Sensor which enables tracking of garbage disposal process as also faster location detection by service providing units of NDMC in case of complaint. In addition, NDMC gets complete status of revenue due like electricity, water property tax etc and can track its service delivery vehicles. So far, more than 52822 Digital Door Numbers have been created, and work is likely to be completed by March 2020.

1.1.7. (a) Enhanced digitization of the civic services in the Palika Kendra Building

Under this initiative all records pertaining to civic services like shop licenses, architectural maps and other estate records are being digitized. This involves development of extensive meta-data for faster retrieval and microfilm based storage for longevity. The work has commenced and will be completed in phases with distinct timelines.

(b) Implementation of Single Sign-On (SSO) for all citizen services in NDMC area :SSO will enable both citizens and NDMC employees to use a single user ID and password to access various citizens centric applications like electricity, water, tax, birth and death, employee information etc. in a secured manner and will add to efficiency and ease of use. Through Geo- fencing, this will be made accessible to the users even when overseas. The facility will be launched in January, 2020.

1.1.8. Establishment of Common Service Centers (CSCs) in NDMC area

The CSCs are being established under the national e-governance plan as a single window for the delivery of essential public utility services, social welfare schemes, healthcare, financial, education and agriculture services, apart from host of government services to citizens. Various services of NDMC like electricity, water property tax etc. are also available at these

centers. Under this project, two CSCs have already been established at Sarojini Nagar & Minto Road. I propose to establish more CSCs in the FY 2020-21 to ensure complete coverage in NDMC area.

1.1.9. Implementation of Dynamic GIS:

NDMC had earlier launched GIS portal with 168 layers of different services mostly static. Now the layers have been expanded to 262 layers and dynamic feature is being added. This will allow NDMC users to create interactive queries, analyze spatial information, and utilize the result for more efficient planning and execution. Certain layers, as permissible will be made available in public domain for information and research purposes.

1.1.10. Electronic Human Resource Management System & Payroll System:

Smart services can only be delivered by a smart human resource system. Electronic-Human Resource Management System (e-HRMS) developed by NIC had been planned for introduction in NDMC to provide a comprehensive view of the human resources deployed and HR analytics. With launch of e-HRMS, employees will be able to not only see all their details w.r.t. service book, leave, GPF, Salary etc., but also apply for different kind of claims/reimbursements, loan/advances, leave, leave encashment, LTC advances, Tour etc. on a single platform. e-HRMS will bring all processes of personnel management from hiring to retiring on digital platform and manual system of handling personnel management will be dispensed with. Modules of e-HRMS include Personnel Information System, Leave, LTC, Loan / Advances, Tour, e-service book, etc. This will be implemented in FY 2020-21.

1.1.11. Implementation of e-Office

To improve productivity, quality, resource- management and increase transparency the old manual processes need to be replaced with smart file system leveraging technology. The e-Office system is an integrated file and records management system that allows employees to manage content, search for data internally and collaborate. The file system also enables the electronic movement and the tracking of files, and the archival and retrieval of data. The system is designed to be secured and confidential, automating routine tasks, capable of handling the required workload, with the facility of monitoring work and auto-escalation in case of delays. NDMC will completely shift to the e-office system and will implement this in first quarter of FY 2020-21.

1.1.12. New Billing System in NDMC:

An efficient billing solution is essential to ensure revenue generation, provide ease of doing business to citizens and avoid

complaints & litigation. NDMC had earlier implemented the legacy billing system for Electricity, Water & Estate billing as far back as in Year 2009. The system can no longer be supported technically and NDMC had proposed for a new open source based billing system. The concept for the same is under preparation and will be taken forward in next year.

1.2 Artificial intelligence based Chat-Bot facility

Chat-Bot facility on NDMC website will enable citizens to get faster response to their queries in a personalized manner with 24X7 availability. This will be made available by June, 2020.

1.3 Establishment of a Disaster Recovery Site for IT application

NDMC has developed many applications which churn out critical data in large volume. Though local data recovery mechanism is in place, a suitable DR Site needs to be established with geographical separation to ensure continuity of critical business and data security as per latest industries standards. I propose to take up this work in FY 2020-21.

In the coming year, NDMC proposes to spend a sum of Rs. 10.88 crore towards Information technology sector out of which Rs. 7.60 crore is for Capital works.

2. SMART CITY INITIATIVE

2.1. During FY 2019-20, a series of initiatives were announced under Smart City Mission. I have pleasure in informing that most of these projects are at advanced stages and are likely to be completed this year itself or during early next year. We plan to focus on these initiatives and ensure their time bound completion in next financial year. Now I would like to apprise about their status.

2.2. Integrated Command and Control System

New Delhi Municipal Council is establishing Integrated Command & Control Centre at Head quarter building, Palika Kendra. The work has been awarded to M/s L&T Ltd. The infrastructure works i.e. electrical, civil and IT hardware have been completed. Some of the services like LED smart lighting, Solid Waste Management, Air Quality Sensors, Smart Parking System, Birth & Death, GPS for NDMC vehicles and Grievances have already been integrated. At present, the integration work of balance services with Command and Control Centre and the development of software for ERP modules is under progress. After integration of these 30 services it will become nodal point of availability of all online data and information related to smart services which can be monitored

on real-time basis and necessary action can be taken. The work is likely to be made live by March 2020 and will be completed by June 2020.

2.3. Public Bike Sharing and Public e-Scooter Sharing System

2.3.1. The work of public Bike Sharing System has been successfully completed and has gained lots of appreciation and acceptance of the project by the general public, commuters and on social platforms. Installation of 49 bikes stations have been completed wherein 500 bikes are deployed on roads. More than 1 lakh Smart Bike App downloaded and about 2 lakh riders registered who had traveled a distance more than 6.5 lakh Km.

2.3.2. Keeping in view the public appreciation and participation in bike sharing, the NDMC is going to introduce Smart scooter system in NDMC area and will be operationalized in FY 2020-21.

2.4. Under the smart city initiative, I have pleasure in announcing that 14 Pyramid type M.S. Planters and 325 low height granite stone bollards cum sitting have been provided in different locations of NDMC area to add convenience and aesthetics to residents and visitors of those areas.

2.5. Smart Bins, Phase-II

NDMC has planned for construction of Smart Bins which will be smart enough to provide real time data of present level of filling of these bins to the Command Centre and to send alerts on the mobile phone of concerned person managing these bins. This would be operationalized in FY 2020-21

2.6. Digital Public Art Gallery

A digital art gallery will be one of its kind projects to inculcate art consciousness among public and encourage research. This is expected to be especially beneficial to the students. Concept plan for digital public art gallery is underway and the work will be started in financial year 2020-21. A Digital gallery dedicated to Mahatma Gandhi is proposed to be established at Bapu Samaj Sewa Kendra which is under re-development.

2.7. Smart Roads

2.7.1. Smart Roads are not only aesthetically evolved but also designed to ensure user convenience and experience without compromising their safety. They will have provision of Modern Kiosks, Street furniture, Parking facilities, Electric Poles and Sitting Plaza among others. Such Smart Road has already been developed at Minto Road providing landscaping, GRC grills in existing arch with provision of uplighters irrigation system on both sides of roads and façade of entry on railway line with provision of ACP panels which give it a better look.

2.7.2. NDMC will carry out development works at K.G. Marg, Barakhamba Road, Sansad Marg, Janpath, Abdul Kalam Road, BKS Marg and Maulana Azad Road under Smart City Plan for which Concept plan has been approved and the works will be taken up in 2020-21. Design plan of Janpath Plaza has been approved and estimate of approx. Rs.2 Crore is under process. The concept plan of Barakhamba Road and Maulana Azad Road are at stage of approval. Work on both these roads would be completed in FY 2020-21.

2.8. Uniform NDMC Kiosks

The existing kiosks were modified during CWG 2010. NDMC being smart city, uniform kiosk in the NDMC area with smart features are the need of time. The work of re-development of NDMC Kiosks with modern facilities will be taken up in FY 2020-21.

2.9. Smart Bus Queue Shelters NDMC, with its commitment to provide convenience and safety to bus commuters and general public, has already built 197 smart Bus Queue shelters at different locations on PPP model. RFP for 20 more locations, having various facilities such as water ATM, digital interactive panels and panic button, under PPP Model is under process and the work would be executed in 2020-21.

2.10. Smart Pole Project

2.10.1 Smart Poles, not only facilitate lighting but enable convergence of many services like Wifi and make possible intelligent sensor based Internet of Things based innovations in public safety, IP based PTZ camera, free Wifi to public, PA system, fiber network connectivity and environmental monitoring sensors. The project is also includes 5G ready data transfer infrastructure and function as the single back bone for requirement of all establishments like schools, hospitals etc. under NDMC. The project is envisaged under PPP model for which necessary preparatory work is undergoing. The work is expected to be commenced in FY 2020-21.

2.10.2 Till such time the project takes off in its entirety, I propose to establish the dedicated data back bone for NDMC requirements on a hiring basis from available service providers. This will enable immediate credible data connectivity to all our establishments in running smart services.

2.11 Smart Public Toilet Units for Women.

To provide exclusive public toilet for women in Delhi, NDMC has identified tentative sites/ locations for 10 pink smart toilets to be made in FY 2020-21.

2.12 Open Gym in Public Places

Open Gyms in Parks and public places have been consistently appreciated by the citizens. During 2019-20 NDMC has commissioned 20 open gyms and

tender for commissioning of 49 open gyms is at the stage of award on locations where requests were received from RWAs through Hon'ble MPs & MLAs. Open gyms are also proposed for installation in NDMC secondary and senior secondary schools where not available, in financial year 2020-21.

2.13 Modular Rainwater Harvesting:

Water conservation is need of the hour. Project for 60 Rain Water Harvesting Pits in consultation with CGWB in Chanakyapuri, Vinay Marg, Diplomatic Enclave, Moti Bagh and Lodi garden, Bengali Market Area, Kaka Nagar & C2 Flats at Tilak Marg etc. is at advance stage of tendering. The work is likely to be completed in 2020-21.

2.14 Development of Happiness Areas

Happiness areas are public places like roundabouts, parks and gardens and major public destinations where user experience has been enhanced. While the construction of Fountain at Windsor place roundabout has been completed, the same at AIIMS Green area & Nehru Park are in progress. Development of York Place circle at junction of Janpath and Moti Lal Nehru Marg with water bodies at different locations and different colours, fountain with LED, landscaping, lit up of big trees, is under process and the work will be completed in 2020-21.

I propose for development of more happiness areas like in Rose Garden, Rail Bhawan, Round about near Taj Mansing Hotel etc and other suitable locations. I also propose to develop these happiness areas as centers of cultural activities in the localities.

2.15 Scientific Composting of Green Waste through de-centralized Compost Pits

NDMC had earlier decided to introduce scientific composting of green waste. Tender for 10 Big Compost Pits has been awarded and five have already been completed and currently in use by Horticulture Deptt.

3. PHYSICAL INFRASTRUCTURE

Infrastructure like transportation, communication, sewage, water, and electric systems, are backbone of any urban system and becomes critical with size. These systems tend to be high-cost investments and are vital for economic development and prosperity. In the context of NDMC, construction and maintenance of civil and electrical infrastructure is critical to ensure services to its citizens as also for its large floating populations.

3.1 Resurfacing of Roads

- 3.1.1 Resurfacing of roads is a regular requirement where timely work is of essence to avoid inconvenience and accidents as well. NDMC takes up life cycle based resurfacing and is committed to adopt the best available technology for the same. Now I would list major resurfacing works carried out during 2019-20 and proposed for FY 2020-21
- 3.1.2 Tenders for resurfacing of 19 roads have been approved. The work will be completed in FY 2020-21.
- 3.1.3 Resurfacing of 11 roads have been completed out of 23 identified to be taken up through micro surfacing and rest shall be completed by March 2020.
- 3.1.4 The roundabouts at Q- Point, Claridges Hotel, Methi Gole & York Place have been taken up as per recommendation of CRRI for improving riding quality through SMA (Stone Mastic Asphalt). The work is in progress and expected to be completed by March 2020.
- 3.1.5 After conducting survey, Preliminary Estimate for all lanes & by-lanes due for resurfacing, has been prepared. The work will be executed in Financial Year 2020-21.
- 3.1.6 In consultation with CRRI, 6 roads have been taken up for improving the riding quality by adopting a new technology i.e. milling process based bitumen concrete resurfacing. The tenders have already been called and the work will be completed in F.Y 2020-21.

In the year 2020-21, I propose to allocate Rs. 148.92 Crore towards roads and pavements out of which Rs. 33.90 Crore is towards capital expenditure and Rs.115.02 Crore towards Revenue Expenditure.

3.2 Water Supply Infrastructure

- 3.2.1 NDMC has been committed to bring about 24X7 supply of clean water to its citizens and has been continuously upgrading and maintaining its supporting infrastructure. NDMC propose to take up the project afresh as a whole with single phase implementation for wider competition and credible participation.
- 3.2.2 10 nos. water trolleys have been procured during financial year 2019-20 and put into public service.
- 3.2.3 Shifting of main line and providing metered water connection to every resident of B.K. Dutt Colony has been started and shifting of Main line has

been completed. The work to provide Individual metered water connection is being taken up.

- 3.2.4 The work of replacing existing water system infrastructure in Pillanji Village, Sarojini Nagar to improve quality and quantity of water has been completed and running successfully.
- 3.2.5 18 bulk water meters have been installed and running successfully on all inlet water lines from DJB to various reservoir of NDMC area resulting in 15.53% saving on water bills.
- 3.2.6 Drinking water fountains have been provided in 15 NDMC buildings and it is proposed that during the financial year 2020-21, such fountains will be provided at another 20 locations, like Palika Place, Mohan Singh Place, Palika Bhawan, Yashwant place, Palika Hospitals/dispensaries and other location identified specifically displaying "Drinking Water".
- 3.2.7 Tenders for installation of 40 water ATMs on PPP mode for 5 years were invited but cancelled due to very poor response. The RFP is therefore being modified considering the advertisement rights etc and the work will be completed during 2020-21.
- 3.2.8 To mitigate air pollution procurement of Mist Spraying Canon Machine will be completed this year. I propose to procure more machines during FY 2020-21 as per requirement.
- 3.2.9 NDMC deployed 7 mechanical road sweeping machine to prevent pollution earlier. I propose to augment the fleet with 2 more small Electric Road Sweeping Machines on hiring basis in FY 2020-21. These machine will expand the reach to the lane and bylanes as well.
- 3.2.10 I would also propose new works to be taken up during 2020-21 to further improve the supply and distribution in NDMC area. These would include providing and laying 300 mm dia D.I. line for President Estate from Jor Bagh Water Boosting Station, replacement of water supply lines at Lodhi Colony area and replacement of Defective C.I. Sluice Valves and also providing new Sluice Valves at required locations wherever required.

In the year 2020-21, I propose to allocate Rs. 152.78 Crore towards for water supply management out of which Rs. 8.23 Crore towards capital expenditure and Rs.144.55 Crore towards Revenue Expenditure

3.3 Sewerage Infrastructure

3.3.1 The nation has realized the importance of conservation of water and accordingly treatment of sewage is of paramount importance as it has potential for generation of reusable water. Such reuse of water is necessary to reduce load on nearby rivers like Yamuna, both from demand and disposal point of view and reducing water pollution in Yamuna. Now I would list some of the initiatives which will help these objectives.

3.3.1.1 NDMC has been striving to make the sewer management free from manual intervention and has been acquiring latest machinery for the same. We have already hired 2 numbers Jetting cum Suction Sewer Cleaning machines at the cost of Rs.29.24 crore for cleaning of sewer lines and 4 small size machines for cleaning/desilting of manholes at the approx cost of Rs 1.21 crore.

3.3.1.2 Tenders for hiring of 2 pressure jetting machines mounted on truck chassis for 7 years at a cost of 8.91 Crore are at the final stage of approval and will be awarded in financial year 2019-20.

3.3.1.3 As a part of development of alternative methods of sewage treatment, NDMC has installed STP based on Phytorid technology which is plant based, cost effective, needs minimal maintenance cost and electricity requirement and facilitates reuse/recycle of water in an odour free environment. This is running successfully at NP girls Sr. Sec Schools, Gole market in consultation with CSIR-NEERI. In FY 2020-21 I propose to take up 4 more such projects in schools and other suitable locations.

3.3.1.4 Nine decentralized STPs of 100 to 500KLD capacity with total capacity of 2670 KLD have been installed under PPP model for 12 years in 2019 where quality and quantity of treated water is criteria for making payments to concessionaire for utilizing the water for horticulture purpose.

3.3.1.5 The work for de-silting and rehab of 1100 and 1200 mm sewer line at Ashoka Road from Nirvachan Sadan to C- Hexagon and brick barrel 1905 mm dia from Kukshak Nallah to Aurbindo Marg at Brigadier Hoshiyar Singh Marg is expected to be started in 2019-20.

3.3.1.6 The work of Desilting and rehabilitation of 84' brick barrel sewer line from K.G. Marg, C-hexagon and Shahjahan Road to Q Point Part-I from C-Hexagon to Q-Point at Shahjahan road at a cost of Rs.22.98 Crore is in progress and expected to be completed by March 2020.

3.3.1.7 Tenders for two TTPs under PPP model at Nehru Park and Sanjay Lake were invited but due to poor response and relatively higher rates, the scheme had to be called off. I propose to reconsider this scheme by conducting feasibility survey and examining appropriate mode of tender.

3.3.2 The following works of rehabilitation of sewerage network are proposed to be undertaken during the year 2020-21:

- a) De-silting and rehabilitation of old sewer twin barrel of 2100 mm dia "NP-2 Class" RCC pipe from C-hexagon to Lodhi Road through Zakir Hussain Marg- Golf Course- Subramanium Bharti Marg.
- b) Cured in place pipe (CIPP) lining of damaged sewer line from Satya Marg to Kautilya Marg at Shanti Path.
- c) Hybrid Annuity Project to develop additional water resources by installing ETPs 20 KLD to 70 KLD (5Nos.) at Dhobi Ghats, infrastructure, construction of effluent treatment plant in NDMC area.
- d) Public Private Partnership (PPP) project to develop additional water resources by installing STP's 100 KLD to 200 KLD (4 nos.) along with 50 KLD TTP, infrastructure (construction of STP/TTP) at different locations in NDMC area.
- e) Work of Shifting of sewer line from ARD Complex to Palika Bhawan Netaji Nagar

In the year 2020-21, I propose to allocate Rs.110.56 Crore towards for Sewerage management out of which Rs. 16.26 Crore towards capital expenditure and Rs. 94.30 Crore towards Revnue Expenditure .

3.4 Civil Infrastructure

Civil Infrastructure is necessary to meet the public demand, augment the capacity and enhance the usability of existing capacities. NDMC has created many structures for community and social requirements and welfare of its own employees. Now I would like to apprise the status of civil works undertaken in 2019-20 and propose new projects for FY 2020-21.

3.4.1 **Multistory commercial complex at Akbar Bhawan** The work is likely to be started in 2020-21.

3.4.2 **Preparation of Basket Ball, Volley Ball and other Playing courts in NDMC Schools**

Work is at an advance stage and is expected to be completed by March 2020.

3.4.3 External Development and façade uplifting at Yashwant Place Momos Market, New Delhi

Keeping in view the high footfalls and special location of Yashwant place as also the user requests NDMC has taken up this work to give aesthetic look to NDMC market located there. The work would be taken up in FY 2020-21 by changing its scope.

3.4.4 Integrated Transit Transport Infrastructure- Redevelopment of Shivaji Terminal

The revised detailed estimate and NIT is being prepared with two basements and four upper floors. This will be taken up in FY 2020-21

3.4.5 Replacement of hockey turf and sprinkler system at Shivaji Stadium

Shivaji Stadium has been a site of importance as the venue of international hockey matches. However its existing Turf & Sprinkler System have outlived their lives and guarantee period (7 years) has expired in Nov 2018. Therefore, it is proposed to replace the existing turf and sprinkler system in the financial year 2020-21.

3.4.6 Re-development of School of Lodhi Colony into a School of Excellence

The project involves development of existing 5 schools at the Lodhi Road campus as World Class Schools of Excellence with state-of-the art building, common infrastructure for sports facilities and will cater to more than 3000 students. A/A & E/S is already accorded for Rs.97.93 Crores and the work is likely to be started in 2020-21.

3.4.7 Construction of Rain Water Harvesting Pits of all the Buildings

NDMC is part of Jal Shakti Abhiyan launched for conservation of water by Govt. of India. Rain Water Harvesting Systems in the building premises as well as on the roads sides have been provided in the near past. Moreover, NDMC has identified 13 Nos. NDMC Buildings where roof top rain water harvesting can be done, for which proposal has been initiated. Work is expected to be completed in 2020-21.

3.4.8 Setting up of Palika Joyful Library of various NDMC Schools:

The idea behind the initiative is to provide a warm and inviting environment where children can discover the work of imagination and knowledge while also improving their communication skills. The libraries with their aesthetic looks, and rich collection of books create a Happy/Joyful environment which fosters reading habits among students at a tender age. Out of 82 identified libraries, the work on 8 already has been completed and the remaining will be completed in FY 2020-21

3.4.9 Up-gradation of Laboratories in NDMC/ Navyug Schools

The laboratories are the place of innovation and experimentation in our schools and we intend to make them state of the art by upgrading their civil infrastructure and equipments. The Civil work is expected to be completed in 2020-21.

3.4.10 Water proofing treatment at the terrace of Palika Bazar & improvement and up-gradation of Palika Bazar Complex

Tenders for water proofing work are at the final stage of award and the work is likely to be completed by June, 2020. Further an estimate for up-gradation of Palika Bazar is in process and the work is likely to be completed in Financial Year 2020-21.

3.4.11 Improvement of Vidyut Bhawan Complex: The Council has decided to rent out 3 Buildings of Vidyut Bhawan Office Complex to Enforcement Directorate after some renovation of the building. The proposed completion cost of the project is Rs.24.30 Crore which will be completed in FY 2020-21.

3.4.12 Construction of Skill Development Centre at Moti Bagh, JPN Library at Mandir Marg is in progress and will be completed in 2020-21.

3.4.13 Additional Block at Indira Niketan Working Girls Hostel : In view of enhance participation of women from outside New Delhi in the work force and to provide them a safe and affordable place to stay NDMC is constructing an additional block which will be completed in FY 2020-21

3.4.14 Construction of STP for Housing Project at Bakkarwala, Delhi. It is proposed to construct STP for housing Project at Bakkarwala at an estimated cost of Rs. 83.00 Lakhs. The work is likely to be completed in the year 2020-21

3.4.15 Housing for municipal employees :

3.4.15.1 Construction of Type-II Flats at Sarai Kale Khan, New Delhi. PE amounting to Rs. 130.00 Crore has been prepared and will be placed before the Council for approval. The work will be started in 2020-21

3.4.15.2 Work of Construction of 120 Nos. Type – II Flats at Sector – VII, Pushp Vihar, Saket, New Delhi. (Composite Work) has been

awarded at the Tendered amount Rs.41,45,07,482/-. Now the work is in progress and the Casting of basement roof slab is ongoing

- 3.4.15.3 Construction of 160 Nos. Type – III Flats at Sector – VII, Pushp Vihar, Saket, New Delhi is at award stage.
- 3.4.15.4 Work is in progress for construction of 200 Nos. Type-II Flats, (10 Storied Tower) at Aliganj, New Delhi. Structural, brick & plaster work in all the four towers have been completed. The project is likely to be completed by March, 2020.
- 3.4.15.5 As a part of construction of administration block building at Compost Plant, Okhla, it is proposed to construct a multi storied building after dismantling of old existing damaged/ dangerous building. Survey Report has been approved by the council.
- 3.4.16 **Completed projects** :Further a number of projects have been completed in 2019-20. These include setting up of 12 digital libraries in NDMC and Navyug School, Fabricating and placing wooden box bed in Indira Niketan, Aakansha, Aaradhana and Sandhya women hostels, Replacement of old tiles of the fountain tank and canals at Talkatora Garden, Construction of 20 Nos. Garden Gazebo Huts in NDMC Area/ Gardens, 2 Tennis Court, toilet block and Jogging Track at Shera Maidan, Mandir Marg.
- 3.4.17 **Redevelopment of Babu Samaj Sewa Kendra, P.K. Road, New Delhi** is a composite work of Civil, Electric and Fire Departments and will be completed in FY 2020-21. I propose to expand Babu Samaj Seva Kendra, besides continuing its earlier activities, into a modern library and digital museum/gallery on Mahatma Gandhi.

3.5 Power Distribution infrastructure

3.5.1. IPDS Project

- (i) NDMC is the deemed licensee for distribution of electricity its area and provides 24x7 reliable quality power supply to all its consumers. Availability of strong sub-transmission and distribution network with state-of-the-art “Advance Metering Infrastructure”(AMI), IT and SCADA is the need for efficient management of supply distribution system.
- (ii) The work of strengthening has been awarded to M/s. Larsen & Toubro Ltd and is under progress. To provide real time data on power consumption and allow consumers to make informed choices about energy uses, based on energy price at the Time of Day(ToD).

(iii) Advance Metering Infrastructure (AMI) with two way communication between the consumer meter, having IP address and NDMC control centre has been undertaken in the year 2019-20. AMI is the main constituent of smart grid, which would make remote meter reading, problem identification, load profiling, energy auditing feasible and consist of smart meters with communication network and meter data management. The work of strengthening is in progress.

3.5.2 For improving power distribution infrastructure in NDMC area, following projects have been completed in the year 2019-20.

- (i) Replacement of 33 KV sub-stations equipments in ESS Bapu Dham and ESS Scindia House with GIS equipments.
- (ii) 33 KV ESS in “ Delhi Police Head Quarter Building” on Jai Singh Road,
- (iii) Shifting of HT 11KV, 400 mm/3c XLPE cable between Exhibition Ground to ESS Tilak Marg due to shifting of BSES grid.
- (iv) Establishing additional 33 KV sub-station at AIIMS, New Delhi.
- (v) Nitrogen Injection Fire Prevention & Extinguishing System.
- (vi) Providing 33KV supply at proposed AIIMS Trauma Centre and Safdarjung hospital.
- (vii) Augmentation of 33 KV ESS at Kidwai Nagar (West).
- (viii) Replacement of old 33 KV outdoor Switchgears with new 33 KV GIS switchgears at ESS Tilak Marg, Nehru park & Kidwai Nagar (West).

3.5.3 Now I will propose the works identified for taking up in FY 2020-21 to further strengthen distribution infrastructure. These include,

- (i) Strengthening of sub-transmission and distribution system, including Strengthening of 11 KV network including replacement of old distribution transformers, circuit breakers LT & HT Panels, underground cables, earthing etc, under IPDS”.
- (ii) Replacement/ augmentation of HT & LT cable under IPDS scheme.
- (iii) Auto changeover switching system in eight important 11 KV sub-stations.
- (iv) Installation of LED Screen in Convention Centre.
- (v) Establishing additional 33 KV sub-station at AIIMS, New Delhi & New below ground 33 KV ES at Church Road.
- (vi) Providing electric connection to J.J. Cluster in left-out Jhuggies under D/N & D/S Division of NDMC Area.
- (vii) Purchase of two Fault Locating Van for detecting the Fault of Feeder.

- (viii) Operation of Annual Contract for laying of 33 KV, 3Cx400 sqmm. XLPE cable in and outside NDMC area.
- (ix) Establishing 220 KV ESS through DTL for GPRA colony at Sarojini Nagar : 220 KV ESS is to be established by DTL for which NBCC will provide the land. Land for 220 KV ESS identified.
- (x) Establishing 2 Nos. 33 KV Sub-station at GPRA colony at Netaji Nagar & Establishing 1 No. 33 KV Sub-station at GPRA colony at Nauroji Nagar
- (xi) Providing 33 KV supply at proposed AIIMS Trauma
- (xii) Establishing 33 KV sub-station at Safdarjung Hospital

3.5.4 Replacement of Conventional HPSV Street Light The NDMC has initiated action to replace all conventional HPSV Street Light on 18000 poles with energy efficient individual control intelligent LED Street light in three phases. The work of individual control warm LED street light fittings for phase-I work of 5867 nos. has been completed. Intelligent control energy efficient LED flood light has also fixed on 142 nos. high mast light under Phase-II. The replacement work of warm LED light of balance 12000 nos. poles under phase-II&III has been also initiated. Supply orders has been placed for individual control warm LED street light fittings & LT XLPE cable and material in lots wise have also been received. This will be completed in FY 2020-21

3.5.5 National LED Program NDMC has already taken up the National LED program launched by Hon'ble Prime Minister of India to convert the existing lightings/equipments with LED based lightings and energy efficient equipments. Accordingly, 40000 conventional fluorescent tube lights/CFL lamps have been replaced with LED tube lights/bulbs in office/commercial buildings, schools & hospital/dispensaries & about 2170 HPSV & CFL fittings with energy efficient LED Street lights/Garden Post Top Light in service road/parks have been replaced. Further, 5500 LED tube lights have also been replaced in left out buildings. We have installed 95 solar light poles at prominent roundabouts.

3.5.6 National Solar Mission : Under this mission, the installation of grid Interacted Solar PV system at various municipal buildings/electric sub-stations/schools roof top for about 3.2MW has already been completed out of the total potential of approx. 4MW.

3.5.7 Ensuring energy efficiency: Public e-charging stations.

The world is moving towards energy efficient vehicle and the trend has picked up in New Delhi with more and more electric operated vehicles. NDMC itself has also procured electric vehicle for its own use. However non-availability of appropriate charging stations in the city is a major

deterrent limiting its wider use. NDMC has already established 55 charging stations of 15KW capacity. I propose setting up of 100 more fast public e-charging stations in NDMC area during FY 2020-21. These charging stations will be of a much higher capacity (150KW) and can charge 3 vehicles at the same time at three times faster speed.

In the year 2020-21, I propose to allocate Rs. 1375.40 Crore for Electricity department out of which Rs.128.75 Crore is towards capital expenditure and Rs.1246.65 Crore towards Revenue Expenditure.

4 SOCIAL INFRASTRUCTURE

Physical infrastructure is necessary for economic well being. The real development also needs to include social infrastructure encompassing education, libraries, hospitals, theatres, museums, parks, play grounds and so on that promotes health, education and cultural standards of the population and have both direct and indirect impact on well being of the people. NDMC is committed to ensure overall well being of its population and accordingly I present the efforts made in FY 2019-20 and proposed initiatives to take them forward in FY2020-21.

4.1 AYUSH Services in NDMC

AYUSH leverages the rich, traditional and historical wisdom available in India and provides an alternative, affordable and more sustainable treatment method with minimal side effect for the common masses. The popularity of these method has been on continuous rise and accordingly NDMC has adopted them too. Presently there are 12 Ayurvedic, 13 Homoeopathic, 2 Yoga & Naturopathic 2 Unani , 01 Siddha center under Ayush services in NDMC. During the year 2015 to 2018 total numbers of patients visited AYUSH Centres is 15 38,940/- (Fifteen lac thirty eight thousand and nine Hundred and forty). In this year alone 3.45 lac patients have been treated till November 2019.

Viewing the success of these services the following new initiatives are proposed in the year 2020-21:-

- (i) To establish a new Ayush Centre at PSOI Club Chanakya Puri
- (ii) Operation theatre for Kshara Sutra Therapy for treatment of piles and fistula at Dharam Marg.
- (iii) Homoeopathy unit at Palika Maternity Hospital, Lodhi Road.
- (iv) Establishing a 50 bedded AYUSH Hospital with Research Centre in collaboration with Ministry of AYUSH, Govt. of India in Sarojini Nagar.
- (v) Mobile Dispensary for Old age Homes on rotation basis.

4.2 Medical Services and Public Health

The Medical Services Department comprises of two major hospitals i.e. Charak Palika Hospital, Moti Bagh (156 bedded) and Palika Maternity Hospital (65

bedded), 13 Allopathic Dispensaries, 1 Chest Clinic, 1 Dental Clinic, 7 MCW Centres and 8 School Health Zones. Apart from this NDMC is operating one set of Mobile Vans consisting of two ambulances with facility of X-ray, ECG and Lab. Most of the services provided by Medical Services Department are free of cost except X-ray, Ultrasound, Echo and Laboratory Tests done at Charak Palika Hospital. These tests are done on nominal charges.

4.2.1 In the FY 2019-20 many new services have been made functional and I would update their status now.

- (i) CT/MRI Machine at Charak Polka hospital is fully functional. The NDMC employee is getting facility free of cost and other patients are availing facility at CGHS rates.
- (ii) **A new instrument I-STAT** which gives various blood parameters with just one drop of blood has been installed at Charak Palika Hospital Emergency, Palika Maternity Hospital Nursery and Palika Kendra Dispensary.
- (iii) **Three nos. LED OT Lights double dome** have been purchased and installed in the old OT complex.
- (iv) **The procurement of Blood Filters** has been made and is being used for the benefit of Thalassemia Patients.
- (v) **An additional block has been constructed at CPH** where services have already started functioning. Pathology lab and collection centre is operational from the lower and upper ground floors and ENT department from upper ground floor.
- (vi) **CR system has been procured in the Radiology Deptt.** and the work has been started of digital x-rays.
- (vii) Procurement of an Advanced Laparoscopic set of all types of major surgeries will be completed in FY 2020-21.

4.2.2 **To further improve medical services, we intend to introduce new projects and procure equipments and machinery which are being proposed for the FY 2020-21 and include**

- (i) Procurement of Arthroscopic set for Charak Palika Hospital.
- (ii) Procurement of Defibrillators, ECG Machines,
- (iii) Upgradation of Casualty and construction of Disaster Ward
- (iv) A new blood storage unit in the area above the Casualty which will be of immense value to all the Departments whenever there is requirement of blood in Emergency/ Surgery.
- (v) Procurement of CLIA machine for hormonal Assay one for Palika Maternity Hospital, Lodhi Road to further upgrade & strengthen the laboratory system.
- (vi) To start a new department of Microbiology so that various cultures reports which are sent to private Labs will be done in house.

- (vii) A new OT Complex with two Operation Theatres, 07 bedded Recovery and a 07 bedded Surgical ICU is being set up in the newly constructed block which will be connected to the old OT Complex through a skywalk corridor thereby enhancing the availability of increased Surgical cases and decreasing the waiting list of patients in General Surgery, Orthopaedics, ENT, Gynaecology, Ophthalmology etc.
- (viii) Harmonic scalpel will be purchased to improve the services while providing patients with minimally invasive, minimal risk / collateral damage and pain free procedures and shorter stay in the hospital thereby increasing the patient turnover.

4.2.2.1 **Paediatric Department** :- A new Paediatric Department on the 2nd Floor has been constructed with a six bedded HDU and a renovated Thalassemia Ward where paediatric age group upto 14-15 years can be admitted. New C-PAP Machine (Ventilators) is also being procured for the Paediatric Department.

4.2.2.2 **Ophthalmology Department**: - This department is in the process of upgrading its services by acquiring two new O.T. tables and chairs and the latest equipments for evaluation of retina. These equipments would help in early diagnosis and management of retinal diseases like diabetic retinopathy, retinal detachment etc which are major causes of blindness. A retinal acuity meter has been procured.

4.2.2.3 **Respiratory Medicine Department**: -It is proposed to setup a pulmonary function test lab and procure a spirometer which is basic investigation tool for patients with chest disease. Sleep disorders of late have been on the rise especially in cities. These have been implicated in various metabolic diseases like hypertension, diabetes mellitus and obesity etc. At present, approximately two to three NDMC employees per month are visiting private sleep labs Hence, we propose to set up a **Sleep Laboratory** to conduct polysomnography (sleep study). In our Endeavour to augment the facilities it is proposed to setup a new Female Respiratory Ward for patients of Resp. Diseases, COPD, Asthma, Pneumonia etc. in the Respiratory Medicine Department. To ensure better patient care for patients of lung cancer, TB, interstitial lung disease etc, it is proposed to make available a **video bronchoscope** for the department.

4.2.3 **Medical Gas Pipeline System** Along with the development and renovation of the OT complex at CPH, a medical gas pipeline system (MGPS) had been earlier proposed to be installed. There will be a centralized gas bank with supply of medical oxygen to OTs, wards and other inpatient areas. The work will be completed in FY 2020-21.

- 4.2.4 **Video Conferencing Centre at Charak Palika Hospital** it is proposed to Establish a state of the art Video Conferencing Centre at Charak Palika Hospital with facility of Telemedicine.
- 4.2.5 **C-ARM** It is also proposed to acquire a new C-ARM which will greatly facilitate the care of the patients as lot of patients will not need open surgery and can be treated with a radiological evaluation. MRD section is also being proposed.
- 4.2.6 **Establishment of Cath Lab:** Taking into account the rising number of cardiac cases in urban areas and their fatal consequences necessitating immediate care to the patients, it is proposed to establish a Cath Lab in Charak Palika Hospital in the year 2020-21.

4.3 Public Health

4.3.1 Swachh Survekshan:

I would like to present the achievement of NDMC under Swachh Survekshan where NDMC has secured 1ST Rank in 1-3 Lakh Category in 2019. National Rank was 5th amongst 4237 cities of India. NDMC is ODF++ Recertified in September 2019.

- 4.3.2 **No Single Use of Plastic :** NDMC has created intensive awareness regarding say “No to Single use Plastic” and now moving beyond with concrete steps to promote alternatives to single use plastics in offices, markets places etc. NDMC has issued directives for No use of Single use plastic in all the NDMC Offices. Department has planned to set up two decentralized Material Recovery Facility Centres for better management of Plastic waste in the area.

- 4.3.3 **Garbage Collection and Home Composting:** NDMC proposes to provide plastic garbage collection bags to the residents for increasing the efficiency of segregated door to door garbage collection. It is also proposed to provide garbage collection bags in all litter bins placed on road side and commercial areas etc. Home Composting has been initiated in 3280 households of NDMC area. It is proposed to enhance home composting in 2000 more houses this year.

- 4.3.4 **IEC Activities:** Multimedia approach of IEC activities has been adopted to create awareness to Citizen to bring about behavioural change. Lot of IEC Activities in form of 50 school Rallies, 50000 pledges have been signed, workshops and exhibitions have been carried out with RWA/ MTA/ JJ Clusters to highlight NDMC achievements and address their grievances. Strengthening of IEC activities is proposed through multimedia approach by involving professional agency which will prepare

an annual calendar and activities will be taken up accordingly in FY 2020-21.

4.3.5 **Health Checkup of Safai Sewaks:** Annual Health Checkup of Safai Sewaks above 40 years of age has been done at Charak Palika Hospital, Moti Bagh. Out of 1406 Safai Sewaks examined 62% were found to be diabetic, 54% to be hypertensive, 37% were overweight, 26% had dental/oral problem, 22% having dyslipidemia, 18% were anemic and 13% had cardiac problems. All the Safai Sewaks diagnosed with problem received treatment from the hospital. Annual health checkup of safai Sewaks is regular features and shall be under taken next year also. I propose to extend this coverage to all Safai Sewaks above 30 years of age from FY 2020-21 in view of nature of their job.

4.3.6 **Bin Free City** NDMC had placed 1900 community mobile bins for collection of garbage from the roadsides and commercial areas in the year 2018. In 2019, NDMC has rationalized the bins placed on roadsides and at present there are only 1232 community mobile bins placed in the area for collection of street sweeping and horticulture waste. NDMC plans to remove roadsides garbage iron bin trolleys in phased manner to make NDMC bin free and replace with more numbers of smaller capacity bins.

4.3.7 **Organic Waste Convertor** Out of 4 organic waste convertor, two have already been installed at Madhu Limay Marg and Raja Bazar. Rest Two are in process to be installed at Bharti Nagar and Sangli Mess. It is proposed to introduce decentralized wet waste management by setting up 17 more organic waste convertors in residential colonies thereby removing the need for transportation of organic waste from residential colonies to Okhla waste processing plant.

4.3.8 **Strengthening of Anti-Malaria, Dengue and Chickenguinea Unit**

NDMC proposes to strengthen infrastructure of this unit by procuring 44 brass made spray machines and 50 portable fogging machines.

In the year 2020-21, I propose to allocate Rs. 154.30 Crore for health Sector out of which Rs 16.33 Crore towards capital expenditure and Rs. 137.97 Crore towards Revenue Expenditure.

5. EDUCATION

5.1 While all other measures benefit the current generations of the citizens, education determines the state and character of our future generations. This extends an opportunity for us to address many of the attitudinal and behavioral challenges that have bearing on overall well being of the society. There are 34 NDMC Schools (13 Senior Secondary, 07 Secondary, 1 Middle, 10 Primary and 3 Nursery Schools), and 11 Navyug Schools (7 Senior Secondary, 1 Secondary and 3 Primary Schools). NDMC also has one Special School for specially-able students (Aanchal School) and one day time Secondary School for drop-out girls and women. NDMC also runs 18 crèches, and provides grants-in-aid to three primary aided schools.

5.2 Initiatives that have changed the Scenario

5.2.1 NDMC in its commitment to ensure development of future responsible citizens had initiated a number of programme/ schemes for both teachers, students and administrators which impact in terms of content improvement and more effective pedagogy as well as general operational efficiency of the school system. These initiatives have made strong foundation and need to be leveraged in successive years. I propose to continue them in the FY 2020-21.

5.2.1.1 School Management Information System

To bring automation in NDMC schools, Student Achievement Tracking System (SATS), was launched on 26th April 2018 with modules such as Student Management, Teacher Management, School Infrastructure, Examination etc. for all NDMC / Navyug Schools with fully functional SMS gateway.

Paperless attendance of students and teachers, auto generated report card, generation of TCs and many other facilities have been provided by the software. The outcome and expected deliveries through Implementation of School MIS are low dependence on paper work, increase in productivity of processes/ personnel and increase in control on overall aspects of school management. School MIS is helping teachers to pay more individual attention on students and also to pay more time for academic activities, thus furthering the excellence of NDMC/Navyug school in education.

5.2.1.2 Smart Classes for class VI to XII

Smart Classrooms have been set up in the year 2016-17 in all 29 NDMC and Navyug Schools in all Hindi/English medium sections of Classes VI to XII. Smart classrooms have transformed traditional classrooms into futuristic technology enabled Smart learn classes by amalgamating State-of-Art technology, infrastructure and professionally developed learning content. The Subject curriculum is now being made available digitally to

facilitate teaching. Such classrooms have been provided with high-end computers, advanced interactive display system based on high end projectors. There has been positive impact of these Smart Classes on school attendance, admission, result, and academic environment, Quality of teaching, School infrastructure, School safety and school administration.

5.2.1.3 Digital Libraries: NDMC introduced Digital libraries in 13 Senior Secondary schools in the year 2017-18. 14 more Digital libraries have been introduced in secondary and senior secondary schools of NDMC during the session 2019-20. These Digital Libraries have been provided with up-to-date civil and electric infrastructure, latest furniture along with All-in-One Computers, Amazon Kindles, bar-code printers, bar-code scanners, 8 Mbps broadband connection and NIC e-library software.

5.2.1.4 Atal / Palika Tinkering Labs: To nurture innovative minds, one Atal Tinkering Lab and 05 Palika Tinkering Labs have been set up for the first time in NDMC / Navyug Schools in the year 2018 & 2019.

5.2.1.5 Quiz Based Learning Solution: It was introduced in all schools under NDMC Schools in 2018-19, for which each school has been equipped with at least three LED TVs. This year the software has been upgraded and learning has become more effective.

5.2.1.6 Quality Assessment through QCI : NDMC introduced a project in collaboration with the Quality Council of India (QCI) in 2017-18 for conducting a quality assessment of NDMC/Navyug schools to assess learning outcomes of the students and teachers from classes V to VIII to foster excellence in school education system. Under the project, QCI is assessing and monitoring student learning outcomes of NDMC schools through intervention in the teaching-learning process contributing in the betterment of beneficiaries. To ameliorate the teaching learning process, QCI is actively functioning in **43 schools** of NDMC. Quality assessment was continued to improve the capabilities of not only the students but also the teachers by identifying and working on the areas for intervention through regular assessments. The outcome has been positive: number of students falling in the higher category has increased since the inception of the project. The quality of teachers has also improved.

5.2.1.7 Joyful Libraries in Primary Schools

NDMC introduced joyful library in 16 Primary schools in 2017-18. The idea behind such an initiative is to provide a warm and inviting environment where children can discover the world of imagination and knowledge while also improving their communication skills. The libraries with their aesthetic looks and rich collection of books create a Happy/ Joyful

environment which fosters reading habits among students at a tender age. In the session 2019-20, it was decided to set up joyful libraries in remaining primary wing of 28 Secondary and Senior Secondary schools which will be completed by March 2020.

5.2.1.8 Implementation of Eduis fun for improving learning outcome of the students

NDMC has entered into an MOU with Eduisfun Technologies Pvt Ltd for their software called STEPapp free of cost for 2019-20 and 2020-21 with intent to align with NDMC's vision to provide the students of the weaker section with opportunities to reach their maximum potential. This is game based software intended to achieve academic excellence in NDMC Schools. The software is mapped with the CBSE curriculum. It has been installed in the Computer Labs of all middle, secondary and senior secondary schools and Students have been provided with dual login ids so that they can access their account from home computers/tablets.

5.2.1.9 Information Kiosks To make information, including the books, school schedules, etc. readily available to the students and to provide feedbacks, 62 Information Kiosks have been set-up in all NDMC and Navyug schools. It is further proposed to connect all the schools through one network for speedy internet connection in all the NDMC Schools.

5.2.1.10 Under 10 Girls Football Team As a unique sports initiative, three 'Under 10 Girls Football Teams' (each team consisting of 30 students) have been constituted at three locations, wherein proper coaching is provided to these Girls Students to groom them as professional players.

5.2.1.11 Sanitary Napkin Vending Machines: Catering to the personal Hygiene and overall wellness of girl students, 29 sanitary napkin vending machine have been installed in all 28 Secondary and Senior Secondary NDMC / Navyug schools wherein free compostable sanitary pads are provided to adolescent girl students. Composting pits have been made to dispose of such sanitary pads. This scheme will continue further also.

5.2.1.12 MOU with Jesus & Mary College: An MoU for enriching process through quality improvement on a sustainable basis in Atal Adarsh Vidyalaya, Bapu Dham has been signed between JMC and NDMC in the session 2018-19 for a period of five years. The project has helped improve the academic environment of the school.

5.2.1.13 Base Line Mapping To improve the learning outcome of the students, baseline mapping strategy was adopted in NDMC /Navyug schools in the session 2016-17. Two baseline level mapping conducted in 2016-17 session. Four baseline level mapping conducted in 2017-18. One baseline level mapping conducted in 2018-19 after the conclusion of

project Unnati in June, 2018. This led to overall enhancement in reading, writing and mathematical skills of the students. The project will be continued in 2020-21 also.

5.2.1.14 **Biometric Attendance:** All NDMC schools have been equipped with Biometric Attendance (BAS) mechanism, through which availability of staff has been ensured. Training has been provided to two person from each school for managing the MIS and BAS.

5.2.1.15 **Fiber Based Internet:** Two fiber based leased lines of 10MBPS each have been provided through MTNL in Atal Adarsh Bengali Balika Vidyalaya, Gole Market. Leased lines are being used for running tablet based smart classes and connecting the school to NDMC Command and Control Centre.

5.2.1.16 **Football Academy for Boys in 2019-20:** In the session 2018-19, the Department started 'Under 10 Girls Football Academy' at 03 NDMC / Navyug schools to promote football among girls and inculcate sports culture among the students. On same line 03 Football academies for under 10-14 years boys were started in 2019-2020 at three locations i.e. Atal Adarsh Vidyalaya Lodhi Road, Navyug school Sarojini Nagar and Atal Adarsh Balak Vidyalaya Mandir Marg.

5.2.1.17 **Language Lab:** Language has its very high significance for all round development of a child and is a vital component of school curriculum. If the language of the child is improved, his learning outcome will definitely improve. In the year 2018-2019, it was proposed to set up language labs in Navyug School, Sarojini Nagar and Atal Adarsh Bengali Balika Vidyalaya, Gole Market. The process for setting up of these two labs is in the final stage and will be completed by Jan 2020.

5.2.1.18 **CCTV Cameras in Common and Open Areas:** All Middle, secondary and senior secondary schools have CCTV cameras in all classes from VI to XII. NDMC is in process of installing CCTV cameras in all common area of all NDMC schools by March 2020 to enhance security of our students in the campus.

5.3 Improvement in Enrollment in NDMC / Navyug Schools

When the enrollment of students in other Government schools is coming down every year, the enrolment in NDMC / Navyug Schools has shown an impressive growth during academic years 2018-19 and 2017-2018 over the year 2016-17. The overall enrollment in NDMC / Navyug Schools in 2016-2017 was around 27,500 students, which has increased to around 30,000 students in the year 2017-18 and over 30300 students in the year 2018 – 19. This year (2019-2020) also the enrolment was around 30,000. I hope that the enrolment in NDMC / Navyug Schools is likely to further increase during the year 2020-2021 due to

introduction of Digital Education, excellent infrastructure, better sports facilities, and improved quality of education leading to full utilization of the overall capacity created for about 36000 children.

5.4 Overall Improvement In Class 10TH and 12TH Result

Due to Academic and technological intervention, effective administration, priority given to Education by NDMC, the overall Class 12th result of NDMC and Navyug schools in the year 2018-19 was 94.21%, which was higher than 93.6%, 90.15%, 86.67% and 80.20% the results in the years 2017-18, 2016-17, 2015-16 and 2014-15 respectively.

With the re-introduction of Board exams in 2017-18, centralized evaluation of students of Class 10th has started from the year 2017-18. The NDMC schools result for class Xth has also been improving as compared to other govt. schools. The result was 90% in 2019 which was higher than the result of the session 2018 which was 80.22%. The focus for the year 2019-20 is 100% both for Xth and XIIth.

5.5 Focus Areas for 2020-2021

In the last Budget, NDMC decided to introduce second phase of reforms for the coming years by leveraging world class infrastructure, good teacher student ratio, robust extra-curricular activities. Like last year following would remain the focus areas for the year 2020-21:

- (i) To bring education and technology together and to use technology as a useful educational tool;
- (ii) Intensive Teachers training for capacity building.
- (iii) Improving School infrastructure.
- (iv) Imparting life skills to students;
- (v) Imparting Vocational Skills.
- (vi) Improving physical health through physical education;
- (vii) Improving the learning environment by giving emphasis on creativity and strengthening of learning process through real-time interactive teaching processes such as quiz based learning, tablet based exams, etc.

5.6 Project Proposals for 2020-2021

Now I would like to propose the projects/initiatives that would be undertaken during 2020-2021 to further achieve academic excellence in our schools

5.6.1 All Primary Classes be converted into Smart Classes

Smart Classrooms have been set up in the year 2016-17, in all 29 NDMC and Navyug Schools in all Hindi/English medium sections of Classes VI to XII. In a survey conducted by the NDMC regarding introduction of Smart classes in Primary wing, on various parameters, out of 8573 number of feedbacks received, more than 96% of parents consider that Smart Classes may be introduced in Primary Sections of NDMC/Navyug Schools. On the basis of the feedback received from different

stakeholders i.e. students, teachers and administrators and parents, it was proposed to introduce Smart Classes in Primary Sections of NDMC/Navyug schools in the year 2019-20. The process in this regard has already been initiated and the primary sections of NDMC and Navyug Schools will be equipped with the latest Interactive Flat Panel (IFP) based Smart Classes in the session 2020-21.

I also propose to introduce quality improvement programme for the teachers in all primary schools for enhancing the their capabilities through modern pedagogy.

5.6.2 Tablet Based Smart Classes

Tablet based smart classes is the latest development in the field of Digital education especially for assessment purposes. Under the Tablet based smart classes, assessment of students will be faster and easier and hence will be helpful in improving the learning outcome of the students. In collaboration with Microsoft and Samsung, tablets have been provided last year as a pilot project in three classrooms of two schools, namely, Atal Adarsh Bengali Balika Vidyalaya, Gole Market and Atal Adarsh Balika Vidyalaya, Gole Market, experience of which is very fruitful. The department has signed a MoU with Khan Academy. Under the MoU, the Khan Academy Solutions especially that of assessment will be used in NDMC and Navyug Schools. Tablet based Wi-Fi enabled classrooms will be set up in each of Secondary and Senior Secondary Schools to undertake online assessment / evaluation of the students in the year 2020-21.

5.6.3 Fibre Based Digital Connectivity in all Schools

For the proper implementation of Tablet Based Classes, Digital Libraries, Atal / Palika Tinkering Labs and other smart initiatives, I propose to provide a fiber based internet connectivity of appropriate band width in all NDMC & Navyug schools in the year 2020-21.

5.6.4 Connecting Schools to NDMC's Command and Control Centre through Optical Fibre

It is foremost to say that any data generated with intervention of technology shall be converted into meaningful information to utilize the same to achieve objectives of the organization.

NDMC has started CCC Centre at headquarter for real time connectivity of the headquarters with field units, enhancing security and better services to all concerned. The CCTV set up of Smart classes of Atal Adarsh Bengali Balika Vidyalaya, Gole Market has been integrated with the Command and Control Centre through fiber based internet network. I propose to integrate all NDMC/Navyug Schools with CCC centre for better administration and to ensure enhanced safety of the school campus

through integration of School MIS, Smart Classes, CCTVs etc. with CCC Centre.

5.6.5 Exchange Programme

During 2017-18 NDMC started an exchange programme both at National & International level to give our students and teachers an opportunity to see the best practices and models to widen their perspective. International Exchange Program was conducted with Belgium. The National Exchange program has been conducted with Sikkim, Ladakh and Anadaman & Nicobar. It is proposed that the exchange programme will continue during the year 2020-21 as well, with three states and one international exchange programme will be targeted.

5.6.6 Up-gradation of Laboratories in NDMC / NAVYUG Schools

NDMC have 53 Labs in NDMC Schools and 29 Labs in Navyug Schools like science lab, home science lab, geography lab, chemistry lab, physics lab, biology lab, maths lab, etc. Such Laboratories play an important role in education of a child by making learning of the complex concept in a comprehensive manner through learning by doing. Such laboratories needs up gradation, therefore, it was proposed in the last budget to augment and upgrade all laboratories of all NDMC / Navyug Schools, wherein civil infrastructure, equipments for experiments, etc. will be provided to make them State-of-the- Art Laboratories. The work will be completed in 2020-21.

5.6.7 Atal/ Palika TINKERING Labs in NDMC/ Navyug Schools

With a vision to 'Cultivate one Million children in India as Neoteric Innovators', NITI AAYOG under Atal Innovation Mission is establishing Atal Tinkering Laboratories (ATLs) in schools across India. The objective of this scheme is to foster curiosity, creativity and imagination in young minds; and inculcate skills such as design mindset, computational thinking, adaptive learning, physical computing etc. ATL is a work space where young minds can give shape to their ideas through hands on do-it-yourself mode; and learn innovation skills. In the session 2018-2019, NITI Ayog selected Navyug School, Sarojini Nagar for setting up of an ATL. In addition, NDMC set up 5 Palika Tinkering Labs on the lines of ATL in 2018-19, 2019-20. The process for setting up four more ATLs through the fund received from NITI Ayog is under process and will be completed by March 2020. I propose that in the session 2020-2021 Palika Tinkering labs will be set up in remaining 18 Secondary and Sr secondary NDMC and Navyug Schools .

5.6.8 Panic Button

NDMC is concerned about the safety of the students in its schools and has adopted a zero tolerance policy for safety of the students and school

campus. An elaborate instruction on the lines of CBSE guidelines to ensure safety of the students in NDMC schools have been issued and is constantly being monitored by the schools on monthly basis to ensure 100% security of our children in campus. In order to further augment the security of the campus, I propose to install Panic Buttons in all NDMC school along with CCTV cameras in open areas in the year 2020-21.

5.6.9 Nature Classroom in NDMC and NAVYUG Schools

Tagore envisioned an education that was deeply rooted in one's immediate surroundings but connected to the cultures of the wider world, predicated upon pleasurable learning and individualized to the personality of the child. He felt that a curriculum should revolve organically around nature with classes held in the open air under the trees to provide for a spontaneous appreciation of the fluidity of the plant and animal kingdoms, and seasonal changes. Tagore emphasizes the importance of an empathetic sense of interconnectedness with the surrounding world. Considering the significance of Tagore's idea of Education, I propose to develop one nature based classroom in 10 NDMC Schools.

5.6.10 Solar demo model in NDMC and NAVYUG Schools

The ongoing significant technical advances in solar cells and solar panels over the recent decades have been a key driver in the transformation of solar power into a major source of renewable energy, and a serious alternative to traditionally generated electricity. Solar power is environmentally green energy and virtually free to produce once a system is up and running. To generate awareness about solar energy, provision of solar benches and/or solar tree will be made in all primary schools.

5.6.11 Vocational/ Lab/ Manufacturing Unit for big Boys in AANCHAL Schools

It is observed that the children with special needs after the age of 25 are discontinued from the Aanchal School and thereafter they do not get any opportunity to earn their livelihood on the basis of the skills learned at Aanchal Special School. In order to engage such students and also to provide some livelihood, I propose to set up a small manufacturing centre at Aanchal for CWSN who are discontinued from the school on attaining 25 years of age.

5.6.12 Setting-up of semi automated Kitchen under Mid-Day Meal Scheme

Mid-day Meal Scheme first came into play in 1995 and has since undergone many changes. The goal was to provide nutrition to school children. During the budget 2018-19, it was proposed to develop Atal Adarsh Bengali Balika Vidyalaya and Atal Adarsh Balika Vidyalaya as school of excellence, located in Gole Market. As a part of this initiative, the Department proposed to set up kitchen in the campus to service freshly cooked, nutritious, hot mid day meal to students studying in the

neighboring schools. The kitchen at Bengali Balika Vidyalaya has been made operational in the first week of October 2019. It is serving around 7000 students of six schools located in Gole Market area. Since this will improve the physical health of the students, it is proposed to replicate the project for the other schools. I, therefore, propose to set up 3 more kitchens on the similar lines in NDMC Schools to supply and serve freshly cooked hot mid day meal to remaining students of 42 schools.

5.6.13 Art Classes in School / Workshop- Painting/ Music/ Dance

Co-curricular activities play a vital role in the all round development of students. National Education policy has also given due significance to this. NDMC schools through various ways are already encouraging students to participate in various co-curricular activities. To have this participation equivalent to the best schools in Delhi, I propose to develop 04 centres in NDMC/Navyug schools which will act as zonal centers for remaining schools for painting/music/dance/sports activities. Under the project the centers will be provided State of Art facilities and financial assistance to make the centers a State of the Art Centre for culture and sports.

5.6.14 ECO Walk at Lodhi Garden

Eco-Walk helps us attain our objectives to let the students value the natural resources around us and conserve them; enhance and foster the love and care of our environment, protect our environment against illegal ways of denuding it, appreciate the beauty of a well conserved national resources, and to let them feel the beauty of working together for progress. NDMC started ECO Walk for the students & escorting teachers, to Lodhi Garden to encourage the students to learn about the Nature & Environment by experiencing them. 28 Schools of NDMC and Navyug Schools have participated in this walk along with 40-50 students (6th to 9th & 11th Class) and 2-3 Teachers from each secondary & Senior Secondary Schools. I propose to continue Eco Walk in the year 2020-21.

5.6.15 “Seema Darshan” for Students of NDMC & NAVYUG Schools

‘Seema Darshan’ is a unique initiative being taken up by the Ministry of Human Resource Development, in which school children visit the border areas of our country and present before our soldiers and troops an array of performances showcasing the tradition and culture of our country through traditional songs and dances. Child artists would demonstrate to the **jawans** how they are preserving and taking forward the cultural legacy of that country for which the armed forces are constantly on the vigil and also protecting and guarding its borders. The main objective of the programme is to provide the students with a first-hand experience of the prevailing security environment in the border areas. The other objectives

are to foster patriotism and nationalism among the students and to provide an opportunity for the children to experience the border environment.

In the session 2019-20 the Department initiated the Seema Darshan Program for its students and teachers. 45 students and 5 teachers from different NDMC and Navyug schools participated in the program. I propose that in the year 2020-2021 also students and teachers from NDMC and Navyug schools will participate in this program.

5.6.16 Mountain Trekking

Trekking is the best way of exploring and enjoying the beauty of nature. Exploring and enjoying nature can take away the negativity and stress from mind. Walking around nature and fresh breathing can give the perfect workout to the body. It also improves strength, cardio fitness, and the ability to walk comfortably and quickly. Trekking helps in socialization as one interacts with different people and makes new friends.

Considering the benefits of trekking, I propose to start mountain trekking in the year 2020-2021 in Himalayas both for teachers and students.

5.6.17 Cycling Club

To be fit and healthy one needs to be physically active. Cycling is a healthy, low-impact exercise that can be enjoyed by people of all ages, from young children to older adults. It is also fun, cheap and good for the environment. Yoga Clubs and Swachta Clubs have been formed in all NDMC and Navyug schools. Considering the benefits of Cycling, I propose to form Cycling Clubs in 2020-21 in 5 schools. Each of the schools will be provided 20 Cycles for forming the club. The NDMC school cycling club will be used to spread messages about the Fit India and other social messages in neighborhood areas of the school.

5.6.18 Self Defence Training for Girl Students

As per a study women who participate in a self-defence class has i) better safety strategies in place ii) were more equipped to deal with strangers and people they know, in the context of potential assault or abuse and iii) had increased self-confidence. Considering the safety of the girl students and also to make them physically and mentally strong it is proposed that all the girl students of class V to XII will be provided one month's self defence training in all of the NDMC and Navyug schools through Delhi Police and internal resource person.

5.6.19 Disaster Preparedness workshops in NDMC Schools: Keeping in view the increasing incidents of disaster, both natural & man made, and more so in urban sphere, it is necessary to prepare the children for survival and

develop necessary coping mechanism to deal with them. I propose to start such workshops in all NDMC schools in FY 2020-21.

In the coming year, NDMC proposes to spend a sum of Rs. 230.84 crore towards education sector out of which Rs. 16.36 crore is for Capital works.

6. NATURAL RESOURCE CONSERVATION/ HORTICULTURE

6.1 Horticulture

New Delhi area is recognized for its greenery, which not only creates island of soothing effect but also takes care of heating effect and air & dust pollution to certain extent. The aim of NDMC is to convert all the raw areas into green area for which massive plantation drives have been undertaken during the past four years alongwith stakeholders, wherein around 7.5 lakh saplings were planted in the year 2016-17, around 10 lakh saplings in the year 2017-18, around 20 lakh saplings, including around 38500 tree saplings, in the year 2018-19 and around 3.5 Lakhs saplings in the year 2019-20 including around 11000 trees. Trees have been planted in most of NDMC area and nearing saturation in terms of coverage. Accordingly in the financial year 2020-21 plantation of 5000 trees and 5 Lakh shrubs is proposed.

6.2 To keep this plantation drive ongoing and to increase the green ground coverage, this year, it is proposed to undertake the intensive plantation of shrubs and grassing to cover all left over open soil surface/kuccha portion in all avenues and lanes to mitigate the Air and Dust Pollution.

6.3 **Beautification of Residential Colonies** (NDMC and CPWD): The area of NDMC colony parks is approximately 50 acre and another 250 acres belongs to CPWD colony Parks. It is proposed to beautify 50 acres area of NDMC colony parks and 50 acres of CPWD colony parks in FY 2020-21. This will be taken up wherever the area of open soil surface exist including parks, tree basin along the passage, footpath etc. Since the colonies areas are mostly shady, shade loving plants will be planted for hedges, shrubs and ground covers.

6.4 **Green Waste Management:** Green Waste Management in NDMC area had been proposed through PPP Model on buyback arrangement. Approx. 20 MT green waste will be processed per day and converted to compost for horticultural purposes. This will reduce the carbon footprint caused by the transportation of the waste from NDMC area to dumping site. The project is proposed to be taken further in FY 2020-21.

6.5 **Tree Washing** The Air and Dust Pollution in Delhi and NCR is a big challenge to Civic agencies and to mitigate the same NDMC has started Tree Washing. It is proposed that the same is to be continued in future.

- 6.6 **Tree Pruning:** Regular Tree Pruning in the road side and lane and colonies to give hindrance and risk free open space to pedestrians is proposed to be taken up in FY 2020-21 considering dark spots and enhanced visibility of traffic/road light/signage etc. based on a detailed calendar prepared for the purpose.
- 6.7 **Theme Gardens:** The NDMC always brings new ideas, which are also adopted by other organizations. It is proposed to develop Theme Gardens like Herbal Garden Bamboo park and Medicinal Park etc. in identified parks. Further, Topiary Garden, Cactus & Succulents Garden, Fragrance Garden, Brielle Garden etc. are also proposed to be developed in FY 2020-21.
- 6.8 **Smart Irrigation System** It is proposed to have a Smart Irrigation System in the major gardens of NDMC area in a phased manner and Nehru park, Lodi Garden will be taken up in the year 2020-21. The system will ensure timely irrigation and prevent wastage of water through sensor based monitoring.
- 6.9 **NDMC School of Gardening** is one of the unique in India, which was set up at Purana Quila Road Nursery. This school is operating with the objective of giving skill oriented training in the field of gardening/landscaping/nursery/tree surgery/plant protection/kitchen garden/bonsai/flower arrangement/composting etc. to the departmental staff as well the malies from MCD, DDA, Delhi Police and other organizations. The school may workout programmes for common public also. **Under skill India initiative** the school will also introduce Certificate course(s) after obtaining approval of Agriculture Council of India to provide expertise in various fields of Urban Gardening like vertical gardening, nursery management, green waste management, landscaping, floral designs, boards, tree management, etc from FY2020-21
- 6.10 **Procurement of Modern Machinery:** To make the horticultural processes efficient it is necessary to augment latest machinery and equipments duly factoring eco friendly devices. For effective maintenance of NDMC green, the machineries like Battery Operated Brush Cutter, Hedge Trimmer, Blower, Digging Machine, Ride On Lawn Mower, Shredder and Crushing Machine etc. are proposed to be procured in FY 2020-21. This will meet the necessary capacity demand.
- 6.11 **Palika Garden Centre:** It is proposed to start Palika Garden Centre to facilitate easy availability of garden input on the nominal prices to the public for gardening in their house, balcony and backyards etc. achieve more green, clean and healthy environment in NDMC area as well as in Delhi with an objective to make it self-sustainable.

In the coming year, NDMC proposes to spend a sum of Rs. 135.55 crore towards horticultural activities out of which Rs. 5.72 crore is for Capital works.

7. FINANCIAL STABILITY, EMPLOYEE WELFARE AND OTHER INITIATIVES

7.1 NDMC's Credit Rating

NDMC was one of very few municipalities in India to have achieved a credit rating of "AA+" in the year 2017-18, and the same rating has been maintained till date. NDMC will continue to enhance its credit rating in the forthcoming years.

7.2 Untied Funds

I propose to make available untied funds for the Resident Welfare Associations (RWAs) and Market Trade Associations (MTAs) of the NDMC area. For this purpose, I propose to set aside a sum of Rs. 10.00 crore in the year 2020-21 with an objective to provide scope for local initiative and flexibility for local action by the RWAs/ MTAs.

7.3. Clusters Improvement :

7.3.1 The repairing / maintenance work in JJ Clusters such as DID Camp, B R Camp, Arjun Dass Camp, Anant Ram Dairy, Shankar Camp, Sanjay Camp have been completed.

7.3.2 Further improvement works of drainage and walkway through interlocking pavers / RMC and precast slabs are in process.

7.3.3 The drains are being improved through RCC pipes / precast slabs and walkway are to be laid through interlocking pavers in JJ clusters such as DID camp, and Masjid Camp for improvement the environment and making more hygienic conditions in clusters / jhuggis.

7.3.4 NDMC has also propose to provide permanent electric connection to dwellers residing in JJ Clusters even in non notified area and isolated locations including residents of Andh Vidyalaya without specific municipal addresses. This is expected to meet the long felt requirement of such residents.

7.4. Other initiatives

7.4.1. Resilient Cities- Disaster Management : Modern cities are consistently becoming complex both in terms of physical infrastructure and socio-economic processes. To achieve resilience i.e. the capacity to withstand shocks of all nature, the efforts have to start with disaster management. While central and state governments have come out with detailed guidelines for this purpose, I propose that NDMC may review its disaster preparedness and come up with comprehensive implementation plan and create necessary mitigation mechanism including infrastructure as required and accordingly allocate Rs.10.00 Crore for this in FY 2020-21.

7.4.2 Cultural Heritage : Delhi has a unique cultural heritage and food is inherent ingredient of the same for centuries. Street food of Delhi is internationally acclaimed. I propose to make its flavour available in NDMC area as well to benefit its citizen and floating population especially tourists. Accordingly I Propose to establish such hot spots in NDMC area where street food will be made available in a hygienic and healthy environment through customized kiosks for the purpose alongwith weekly cultural events.

7.4.3. Preventive Health checkup: NDMC till now has carried out annual health check up diagnosis and treatments of all its Safai Sewaks. I propose to cover all NDMC employees above the age of 40 years under this annual health check programme from FY 2020-21.

7.5. To ensure ease of business, NDMC has simplified the requirement of documents for sanction of filtered water and sewer connections.

7.6 Pension Fund

Pension Fund Regulations are under preparation and are likely to be notified in near future after approval of the Government of India. As on 2018-19, NDMC has a corpus of Rs.1000 crores for this purpose, and Rs.400.00 crores will be added to this corpus by March, 2020. Provision of Rs.450 Crore has been made to transfer in the corpus of proposed Pension Fund during the year 2020-21.

8. RECEIPTS

8.1 Receipts from Electricity Distribution

The total revenue receipts from Electricity Distribution have been projected in RE 2019-20 at **Rs.1411.40 crore** as against actuals **Rs.1335.76 crore** in the year 2018-19. The projections for BE 2020-21 are at **Rs.1445.10 crore**.

8.2 Receipts from Property Tax

We are expecting to collect property tax of **Rs.700 Crore** in 2019-20. In the year 2020-21, we plan to collect **Rs. 720 crore**. I do not propose any increase in Property Tax rates for the year 2020-21.

8.3 Receipts from Licence Fee from Municipal Properties

The actual receipts in 2018-19 for Licence Fee from municipal Properties stood at Rs.485.40 Crore. The projections for RE 2019-20 are at Rs.599.59 crore and BE 2020-21 are at Rs.639.94 crore.

I would like to thank Hon'ble Chief Minister, Hon'ble Member of Parliament, Hon'ble MLA and other members of the Council for their continued support and guidance.

I would also like to place on record my gratitude for the guidance and support received from Hon'ble Lt.Governor of Delhi, Ministry of Home Affairs and Ministry of Housing & Urban Affairs, Government of India.

I would also thank all my colleagues and employees of NDMC especially Safai Swears, Mallies, Beldars and Linemen for their relentless services to the cause of making New Delhi area clean, green and aspirational to live.

Thank you very much.

Jai Hind.