

BUDGET SPEECH 2021-22

Distinguished Members of the Council,

It is my privilege to present the Budget of New Delhi Municipal Council for the financial year 2021-22.

Financial Year 2020-21 commenced in an unprecedented manner with a complete National Lockdown on account of global COVID-19 pandemic which, over the coming months only intensified followed by phase-wise unlocking process. The situation is still far from normal even at this stage. COVID-19 pandemic has led to loss of human life and economic turmoil worldwide including India. Its consequences have been faced by all governments including local self governments/ municipalities who had to respond by evolving and sometime inventing mitigation measures, never anticipated in the past.

New Delhi Municipal Council, with its paramount responsibility of ensuring municipal services to the national capital, braced for the challenge with the core objectives of continuing its services in an **un-interrupted manner** to offset the hardships already being faced by its citizens. This was more than a challenge, with added responsibility of observing lockdown norms, ensuring minimum exposure to our own workforce and countering their fears as well as apprehensions. Today I can say with confidence that NDMC has been successful in ensuring all municipal services in an un-interrupted manner befitting its leading persona among national local bodies.

Like the general outlook in the country, the pace and progress of many ongoing projects of NDMC got disrupted and many others could not be started. Its revenue also got affected due to various reliefs granted to the Citizens. In these trying circumstances NDMC and its committed employees resolved to convert this challenge into an opportunity, test their resilience and capacity to bounce back making them future ready and shock proof.

NDMC had not only been able to maintain continuity of Municipal Services but contributed in public health to counter the pandemic hand in hand with other local bodies and Govt. of Delhi by making its resources and manpower available in a synergized manner. Team NDMC worked day and night, evolved innovative methods and tools for day to day challenges mainly in its Hospitals, Public Health and Horticulture spheres.

NDMC had realized the potential of harnessing the possibilities opened up by revolutionary developments in the field of information and communication technologies much earlier and had factored them in its business processes in time. This also enabled us to meet the COVID challenge more effectively. Now NDMC intends to mainstay them as its backbone for municipal service delivery. We will further leapfrog them technologically by leveraging AI and block-chain. In these difficult times itself we have completely digitized our estate records and implemented e-office across the board in NDMC.

The pandemic indeed caused some financial impact on NDMC revenue especially during the last two quarters of the financial year. However, NDMC has leveraged its financial & technological strength built up over last few years to keep itself sustainable without causing any adverse impact on its Citizens. We are not only optimistic but are confident to take off from this level more energized, better prepared and equipped to take NDMC to new heights. We have prepared a budget which conveys the same. We reconfirm our commitment to make NDMC a national pride and global benchmark as a resilient, inclusive, responsive, sustainable and future ready urban local body.

Now, I present the Annual Budget 2021-22 with financial projections first;

The total receipts of the Budget Estimates (BE) 2021-22 are ₹ 4299 Crore against ₹ 3645.25 Crore provided in Revised Estimate (RE) 2020-21. The actual receipts in 2019-20 were ₹ 3648.39 Crore. The BE 2021-22 for the revenue receipts are ₹ 3590.81 Crore against ₹ 3143.25 Crore provided in RE 2020-21 and actual of ₹ 3308.63 Crore in 2019-20. The BE 2021-22 for capital receipts are ₹ 708.19 Crore against ₹ 502 Crore provided in RE 2020-21 and actual of ₹ 339.75 Crore in 2019-20.

The total expenditure for BE 2021-22 are ₹ 4126.53 Crore against ₹ 3509.07 Crore provided in RE 2020-21 and actual of ₹ 3687.97 Crore in 2019-20. The BE for revenue expenditure in 2021-22 are ₹ 3473.29 Crore against ₹ 3087.82 Crore provided in RE 2020-21 and actual of ₹ 3246.75 Crore in 2019-20. The capital expenditure is projected at ₹ 653.25 Crore in BE 2021-22 against ₹ 421.25 Crore in RE 2020-21 and actual of ₹ 441.22 Crore in 2019-20.

I would like to now highlight the performances and achievements of NDMC in major areas during 2020-21 and propose the plans and projections for the year 2021-22.

1. NDMC UNINTERRUPTED

As an urban local body and delivering entity of municipal services, NDMC strives to keep its services available in an uninterrupted manner, in normal as also abnormal conditions. With the experience of COVID-19, NDMC is evolving strategies and capabilities to meet such situations more effectively to provide necessary assurance to its citizens. The response to COVID-19 has been more spontaneous, being an unprecedented situation but each of these experiences have left with us unique learning's which are being factored into our work programme. Now I will cite some of these experiences related to COVID19 mitigation.

1.1 Emergency Response to COVID-19

Two rapid response teams consisting of doctors, para medical staff and public health specialists were constituted for awareness generation and screening of persons who visited corona virus affected countries in respect of NDMC area. This involved their identification, constant monitoring and complementing the efforts of Delhi Govt.

NDMC not only provided thermal scanning and sanitization at the entrance of its official buildings but also carried out such activities in public places as well as in the houses/ places where the persons affected by the corona virus were quarantined.

1.2 Synergy uninterrupted: sharing resources

COVID-19 proved to us that we only have a future together. NDMC on the request of Delhi Disaster Management Agency (DDMA) and the Delhi administration made its various premises namely Barat Ghar(s) at Sarojini Nagar and community Centre at Palika Dham available free of cost for setting up shelter homes for homeless people. Similarly, on request of Delhi Police the baratghar(s) at Lodi Road, Mandir Marg, Khan Market, Bapu Dham, Laxmi Bai Nagar, Kidwai Nagar, Moti Bagh and Kaka Nagar were allotted for accommodating extra police personnel on COVID-19 duty.

NDMC made its nine community centers available to New Delhi District for night stay of officers/ medical staff deployed on essential services free of charge.

1.3 Sanitation uninterrupted: Bio hazardous Waste management

NDMC carried out extensive solid waste management in its area and had enhanced frequency of collection. With limited experience in handling of Bio hazardous waste, NDMC handled that too professionally by ensuring picking up of waste from COVID-19 centers and residences of individuals under isolation.

1.4 Safety uninterrupted: Emergency Health Services

With pandemic at its door, NDMC geared its health infrastructure as the primary response, anticipating increase in numbers of patients. Patient handling capacities were augmented at its hospitals and medicines were immediately stocked to handle any situation. Fear of Corona looming large, even among the health practitioners, NDMC team innovated and developed in house, a touch free “Flu Centre” for screening of high risk patients without exposing its already limited staff.

In no time the demand for services increased multifold and NDMC responded by creating additional testing facilities including on mobile vans, conducted testing services at various Central Ministries, State Bhawans and established specialized Testing facilities at Rashtrapati Bhawan and Parliament of India.

Sero Surveillance Programme to determine the extent of spread of the epidemic in the community was conducted and Quarantine Centers and COVID Isolation Centers were set up in New Delhi District area on an emergency basis.

NDMC started an emergency Helpline with two Specialists & three Medical Officers for providing guidance and consultation on 24X7 access basis. Bio-Medical Waste Collection from Home Isolation, Quarantine & Isolation Centers with full provision of PPE kits, sanitizers and training and real time uploading on the DPCC website was ensured. To those under Home Isolation, the Medical Officer of attached Dispensaries provided all the guidance including medicines, Oximeter etc.

While delivering these services, NDMC had equipped all Corona Warriors with Personnel Protection Equipment (PPE) Kits and other safety devices.

1.5 Communication uninterrupted: Citizens engagement

Multi-pronged strategy was utilized for creating awareness on COVID-19 and precautionary measures in NDMC area through street plays, door to door campaign, digital media, webinar, social media platform (NDMC Facebook, Twitter and Instagram), Pamphlet distribution, poster display at RWAs, MTAs & JJ Clusters. The awareness has been created on varying subjects like precautions to be taken for preventing COVID-19 infection, segregation, home composting and zero littering. Regular meeting with RWAs/MTAs/ JJ Pradhans are being conducted for participative implementation.

1.6 Power uninterrupted: Ensuring 24X7 Power Supply

NDMC also being the deemed DISCOM, continued to maintain uninterrupted power supply to its Citizens and other establishment(s) including Hospitals like AIIMS, Safdarjung, RML, Lady Hardinge etc. which were declared COVID Care Centers. Even though some officials of the Electricity department also got infected by CORONA and lost lives, the continuity of service was maintained. Anticipating a longer period of emergency situation, NDMC in parallel, reviewed its electric infrastructure status and initiated up gradation wherever necessary.

1.7 Employee Welfare uninterrupted: measures for NDMC employees

While the team NDMC was occupied in various services related to COVID-19 duties, NDMC did not compromise with the health and welfare of its employees. NDMC, in quick succession took decisions to facilitate treatment of COVID-19 patients in all empanelled hospitals on CGHS rates and constituted NDMC Staff Welfare Cell for help of NDMC employees infected with COVID-19.

The validity of Health Medical Card of retired employees, which had been expired on 31.03.2020, was extended till 30.04.2021. NDMC has allowed reimbursement of OPD medicine claims without visiting OPD on the basis of prescription held during CORONA period at par with CGHS. Temporary cashless medical facilities for treatment of COVID-19 infection in NDMC empanelled hospital was extended to all contractual/ RMR employees. As a special measure, a compensation scheme of Rs.15 lakh in case of death of employees (including regular, contractual/ RMR/ TMR outsourced worker)

was introduced to reduce the apprehensions from CORONA exposure and boost their morale.

1.8 Education uninterrupted: NDMC Schools during COVID -19

The pandemic Covid19 posed unprecedented challenges in all fields particularly the Education system in the entire world. It has impacted the education of students globally. Schools all over India are closed since March 2020.

In order to ensure that closure of schools does not lead to academic loss, NDMC and Navyug schools quickly remodeled their education system as per the Global trends and adapted to the Online Education by providing '**Schooling at home to the learners**' from first week of April itself without any delay in the academic session.

Online teaching emerged as the tool of choice, though NDMC had to improvise for the children coming from economically weaker sections of society with varied available resources. NDMC used all available tools, and digital platforms such as Zoom, Google meet, Cisco WebEx, Google Classroom, Whatsapp as also regular phone or SMS for those learners who could not be connected through popular means to ensure real time online teaching on **anywhere any time** basis. Holistic development was ensured through cultural and national Integration Programs, Online Yoga, Online Art and Music etc. PTMs, formative assessments and staff meetings have seamlessly moved online for a two way interaction.

NDMC teachers even launched two **YouTube Channels – Atal Adarsh Shiksha and Navyug Pragati by teachers of Atal Adarsh Vidyalayas and Navyug Schools** respectively where both content creation and technology has been handled in house. These channels are accessible to everybody in tune with inclusive philosophy of NDMC.

Keeping in view the economic status of most of the students, NDMC quickly launched a pilot scheme for providing pre-loaded tablets with data connectivity to 811 students of Class 10th and 12th in 4 schools.

In the beginning of Lockdown period, many parents were facing hardships due to loss of earnings and to address the same Mid-day meal allowance and internet data pack charges were provided to the students of classes

10th and 12th for two months in cash. From December, 2020 onwards this will be continued for the remaining months of current session.

1.9 Relief to Citizens uninterrupted

Keeping in view the hardships of Citizens during CORONA times, NDMC granted many reliefs to them. The rates of Property Tax were not increased. In case of License fee, the biennial /annual increment effective in the month of April, 2020 on all the properties except Hotels, Govt. Departments and PSUs was not affected. The relaxation is applicable for the FY 2020-21. Further, they have been allowed to pay their license fee including their arrears for the month of April, 2020 to September, 2020 in installments upto December, 2020 and no interest has been charged on the outstanding dues, if the payment is made within the stipulated period, i.e. upto December, 2020.

Similarly, keeping in view the special condition of inmates in NDMC old age home and working Girls Hostels, the scheduled annual increase was kept in abeyance and those in working girls hostels were allowed to pay the arrears in installments without late payment charges.

In case of Health License, various existing Health/Trade licenses issued by NDMC expiring after 01.03.2020 were given onetime special renewal /automatic extension till 31.03.2021 subject to certain conditions.

1.10 Living with COVID-19

COVID-19 has proved to be a long term challenge and everybody has to remodel their business processes and expectations accepting the same as a reality. The municipalities need to evolve in future as shock proof cities, not only able to handle such pandemics but any catastrophe of any nature and should have the resilience to face it in a professional manner. NDMC is looking at its entire business process making them sustainable and free from interruptions as also take into account the social corrections. Completely digital work environment, work from home option, virtual meetings, work place social distancing, personal safety protocol, public place protocols, realignment of economic opportunities and no touch business processes will govern the overall functioning, which NDMC is geared to imbibe on a long term basis.

2. Tech Enabled NDMC: Information Technology Governance

IT Governance framework aligns the IT strategy with business strategy of any organization enabling them to produce measurable results towards achieving their strategies and goals. It has been the mainstay of NDMC for more than two decades. However, post COVID-19 all these initiatives need to be consolidated, restructured and integrated to produce citizen centric services duly ensuring protection of information, financial accountability, data retention and disaster recovery. NDMC intends to refine its IT business plan leveraging global best governance frameworks and technologies to prepare for a sustainable future.

To ensure the same, NDMC would seek the services of best national consulting agencies to review its existing IT infrastructure, recommend a futuristic development plan and governance framework including delivery capability enhancement model. This will also include scientific information security assessment and plan for a dedicated IT workforce and cadre management structure. This study will be completed in financial year 2021-22 and lay down a comprehensive perspective plan for next decade.

- 2.1** Now I will furnish the status of our earlier ongoing initiatives and other projects in pipeline.

2.1.1 Networking in Palika Kendra

The work for replacement of existing network in the Palika Kendra with higher capacity and speed has been awarded and same will be completed by March 2021.

2.1.2 Unique Smart Address for Urban Properties/ Establishment

Under this project more than 52822 Digital door numbers have been created and 40245 plates are installed. NDMC, moving forward has taken preparatory steps to introduce unique four digit alpha numeric identifier for urban properties that can be seamlessly integrated with global applications. This will be launched by March 2021.

2.1.3 Digitization of the civic services documentation

NDMC is committed to fully digitize all its civic services and as a first step, digitization of existing documents is ongoing. Already more than 42 lakh pages with indexing and matching of the records have been completed in first phase. Entire old records will be digitized by March, 2021.

2.1.4 Single Sign-On (SSO) for all citizen services in NDMC area

Single sign on (SSO) service which facilitates users to access multiple services with a single log in has been launched this year with 6 services and more services will be added by March 2021.

2.1.5 Common Service Centers (CSCs) in NDMC area

Under this programme three CSCs, already established at Sarojini Nagar, Minto Road and Kidwai Nagar are running successfully and considered sufficient as per current need assessment. More CSCs will be augmented in future on need basis.

2.1.6 Implementation of e-Office

Even during the challenging COVID situation, NDMC has successfully implemented e-office system of NIC in all departments. This will not only increase accountability, transparency and efficiency but also become a tool to contain COVID-19 by introducing a completely paperless working environment.

2.1.7 Artificial intelligence based Chat-Bot facility

Chat-Bot facility on NDMC website will help users seek their needed information intelligently and speedily in lesser attempts leading to a seamless feel. This will be made available by the end of March, 2021.

2.1.8 Establishment of a Disaster Recovery Site for IT applications:

With launch of Integrated Command and Control Centre and various other applications, business continuity has become paramount. The work on establishment of disaster recovery site has been taken up and will be completed in the FY 2020-21.

2.2 I propose to undertake the following new projects in NDMC for next FY 2021-22.

2.2.1 Govt. Project Management System (GPMS):

Timely completion of projects not only brings citizen satisfaction but also cuts down costs and induces transparency. An IT based project management system is key to professional management of works. NDMC will undertake a pilot after identifying suitable government project management system which facilitates a complete paperless functioning with geo tagged progress monitoring. The pilot would be implemented in the FY 2021-22.

2.2.2 Ease of doing business: Common Payment Portal Pay-Gov

Pay-Gov is a government approved, secure & convenient online platform for government to citizen services. With a view to make all services of NDMC accessible to the common man in his locality, through common service delivery outlets and ensure efficiency, transparency & reliability of such services at affordable costs NDMC is going to implement this common payment portal for all services of NDMC.

2.2.3 Ease of doing business: Universal Online services

NDMC is committed to go completely online this FY and has taken up a drive to make each of its 56 identified citizen services accessible online. 44 of these services have already been made online and the remaining 12 will be completed by end of FY. This will completely obviate the need for any citizen to visit NDMC physically and would ensure timely, hassle free NDMC services.

2.2.4 Data Backbone: Palika Net

Various applications of NDMC run on a variety of owned and outsourced data networks, which at times becomes a limitation on speedy and seamless service access by the users. In changed scenario post COVID even basic services like videoconferencing and deployment of new technologies like AI, block-chain and IoT are expected to further choke the existing bandwidth. NDMC will make a complete reassessment of its data bandwidth requirement and create a single data back bone **Palika Net**

across NDMC to cater to all of its applications with redundancy to ensure high availability.

2.2.5 NDMC Video Conferencing Management System: Palika Drishya

To ensure social distancing and provide a risk free work environment to its employees, NDMC will set up desk top and mobile based video conferencing infrastructure to all its employees for faster and seamless human interaction.

2.2.6 Secured IT infrastructure and data

While working on a long term vision for IT governance, NDMC will continue to ensure availability and safety of its IT infrastructure and data by deploying latest systems and applications for the purpose. In this FY, we intend to deploy Data Loss Prevention (DLP) system and Host Intrusion Prevention System (HIPS) to safeguard its sensitive data and other forms of enterprise information keeping in view sensitive installations handled.

2.2.7 Technology Pioneer: Block-Chain

Block chain with its open transaction ledgers-adds an unprecedented layer of accountability, leading to decentralization, immutability, security, and transparency. The block chain technology allows for verification without being dependent on third-parties. This is already changing the business processes worldwide and NDMC, a pioneer in technology adaptation will implement this in Birth and Death application and e-financial application in first phase.

2.2.8 Bringing Accountability Online ACR/ APAR

An efficient work environment is created with a credible and time bound feedback mechanism for performance appraisal which has not worked well in a paper based system due to inherent discretions involved. NDMC will deploy Smart Performance Appraisal Report Recording Online Window (SPARROW) developed by NIC and already deployed in various central government organizations.

In the coming year, NDMC proposes to spend a sum of ₹ 13.20 Crore towards Information technology sector out of which ₹ 7.44 Crore is for Capital works.

3.SMART NDMC

3.1 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.

3.2 Integrated Command and Control System

Integrated Command & Control Centre (ICCC), at Head Quarter Building, Palika Kendra has been established and inaugurated by Hon'ble LG, Delhi on 11th September 2020. This state of the art and first of its kind ICCC integrates twenty municipal services, LED Smart Lighting, Solid Waste Management, Air Quality Sensors, Smart Parking system, Birth & Death, GPS for NDMC Vehicles, LED Screens, Public Wi-Fi, Building Plan Approval, Smart Electric Meter, Electricity Billing, E-Hospital, STP, Event Management and grievance redressal among others. ICCC is fully scalable and will be able to add more services like Electrical SCADA, Water SCADA, etc. As nodal point of availability of all online data and information related to Smart Services, these can also be monitored and timely action can be ensured from a single point. This will bring in a paradigm change in delivery of citizen services. It is notable that first phase of the project could be completed even in a COVID environment.

Next phase of the project includes four important ERP modules on Property Tax, Estate Management, Workshop Management and Asset Management. While the first two will significantly bring in ease of doing business for the citizens, the other two will add to the efficiency and accountability in NDMC.

3.3 Smart Bins, Phase-II

The smart bins facilitate real time information to the control centre for their management. Under phase-II, procurement process including tendering is expected to be completed and work will be commenced in FY 2021-22.

3.4 Smart Roads

3.4.1 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 have already been developed at Minto Road providing landscaping, GRC grills in existing arch with provision of up-lighters 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.

3.4.2 The concept plan for development work at KG Marg and Barakhamba Road will be developed and work will be taken up in FY 2021-22. Concept plan for development work at Mandi House circle has been prepared and this too will be taken up in 2021-22.

3.5 Standard NDMC Kiosks

Kiosks, being the points of multiple citizen services, need to be developed in NDMC keeping in view the inherent city character. Designs for a sample standard kiosk have been prepared and the work will be executed in financial year 2020-21 itself. Proposal for modification of all kiosks will be prepared and taken up in FY 2021-22.

3.6 Smart Bus Queue Shelters

Smart Bus Queue Shelters also make available additional services to the commuters while being at these stops. In consultation with Delhi Transport Corporation the RFP will be finalized in FY 2020-21.

3.7 Smart Pole Project

Smart Pole project had been taken up as a pilot and means of many other services. As per current scenario in telecom Industry, many Service providers do not seem to be interested in investment under PPP model. Feasibility of the project is under review based on which the matter will be placed before Council for approval.

3.8. Smart Public Toilet Units for Women

NDMC had constructed three pink toilets as a special initiative for women which are under operation at Jeevan Bharti Building on Parliament Street, Factory Road & Super Bazar at Outer CP. Four more such toilets will be taken up at SN Market, D Avenue and Safdarjung Hospital Gate No 1 & 4. Provision of five more Pink Toilets has also been incorporated in the ongoing common RFP for PTU / CTU under PPP Model. These will include one at Khan Market, two at Chelmsford Road, one at Shri Ram Kala Kendra Copernicus Marg and one at Shivaji Stadium. These will be completed in Financial Year 2021-22.

3.9 Toilets for Third Gender

NDMC has constructed a toilet exclusively for third gender at Shahstri Bhawan near PTI Club. It is proposed to construct more such toilets for them after assessing the feasibility and identification of site in the NDMC area.

3.10 Open Gym in Public Places

NDMC has already constructed a number of open gyms in the past and now it is deemed appropriate that new sites be taken up on request from the RWAs subject to site feasibility and numbers of users. Open gym in remaining Sr. Secondary Girls School, Mandir Marg will be executed during financial year 2021-22

3.11 Modular Rainwater Harvesting:

The work of 60 modular RWH pits has been commenced and is expected to be completed during Financial Year 2021-22.

3.12 Development of Happiness Areas

3.12.1 Happiness areas are public places like roundabouts, parks and gardens and major public destinations where user experience has been enhanced. Currently, the work at AIIMS Green area & Nehru Park is in progress. Development of York Place circle at junction of Janpath and Moti Lal Nehru Marg is also under process and will be completed in 2021-22.

3.12.2 I had proposed for development of more happiness areas in Rose Garden, Rail Bhawan, round about near Taj Man Singh Hotel etc. and other suitable locations, further evolving them as centers of cultural activities in nearby localities. The work got impacted due to COVID-19 and will be taken up in FY 2021-22.

3.12.3 Civil work in respect of construction of fountain at AIIMS has been completed and will be operationalized by end of March 2021. Fountain at Nehru Park has also been installed and is under testing. The four fountains in Lodi Garden Lake and Fountain at Nehru Park, Vinay Marg have also been installed.

3.13 Scientific Composting of Green Waste

The work of Composting pits at Gurudwara Nursery, Madhulimay Marg and two Nos. at Behind Pillanji Village near covered Nallah and Sanjay Jheel has been completed.

3.14 Next, I will introduce the new projects to further enhance the status of NDMC as a smart city.

3.14.1 Synthetic Track in NDMC parks and open Gyms

Morning walkers often complaint about losing their balance or hurting their knees while jogging/ walking in gardens. NDMC, alive to its citizen's needs, has decided to deploy EPDM based rubber tracks and has taken up the 2.7 km jogging track on the existing kacha track at Nehru Park on a pilot basis. This will give comfortable experience to the citizens especially elders using the track for walking and jogging and also eliminate the problem of dust and pollution. The work will be completed during 2021-22. It is also proposed to lay EPDM flooring around all open Gym equipment at various parks in NDMC area.

3.14.2 Public Art

Delhi has always been a center of arts and culture. NDMC area, being the national capital also needs to reverberate with the feel of art especially in a modern context when the country is aspiring to be a global leader. Art is known to inspire the citizens and subtly transform their feelings. The roundabouts of NDMC are prominent locations with

tremendous visual opportunity. They can be utilized for showcasing of theme based public art and sculptures. I propose to add value to these roundabouts through a scheme “**Art with Heart**” in which theme based sculptures will be installed at such roundabouts and other prominent places in a phased manner. To start with NDMC has identified four locations for taking up such installations. I have allocated a sum of ₹2.50 Crores for this scheme in next FY 2021-22.

3.14.3 Cycle in City

Cycling is known for its tremendous health benefits along with its rejuvenating abilities and has been a favourite mode of commuting and leisure as well. In western world cycling is encouraged as a principle. Post COVID-19 situation, the ridership has increased across cities as it meets the social distancing requirements. With its splendid avenue roads and lush greens, NDMC is an ideal area for cycle enthusiasts, tourists and short commuters already established by success of Smart Bikes.

NDMC Smart City had earlier launched a week long cycle ride via Lodhi Garden, a six kilometer cycle route connecting India Gate to Lodhi Colony via Khan Market and Lodhi Gardens as part of India’s **Cycles4change challenge programme**. NDMC along with NDMC Smart City Ltd. has planned to organize more such events in future by transformation of the road stretches, intersections and roundabouts with temporary/permanent marking of cycle track infrastructure. NDMC has accordingly obtained the services of School of Planning and Architecture New Delhi to develop concept for NDMC as a cycle friendly city. I propose to continue the initiative as Cycle-in-City and identify more stretches for safe cycling by the commuters. The funds for the same will be obtained from Smart City Project.

4. Reliable NDMC: DISCOM Operations

NDMC is the deemed licensee for distribution of electricity its area and provides 24x7 reliable quality power supply to all its consumers. The objective of NDMC is to emerge as a reliable and responsible DISCOM to its consumers and emerge as an efficient, self-reliant and capable strategic business unit within NDMC.

The financial set up of NDMC with compliance of National Municipal Accounts Manual (NMAM) already provides for a detailed accounting of electricity distribution operations as a strategic business unit and is factored in the budget as such to meet regulatory requirements.

From this year, we are presenting separately the budget for this SBU clearly indicating our results as a separate cost unit. We also intend to bring an independent budget for the SBU in coming years to clearly establish its efficiency and inter relationship with NDMC. We have initiated preparatory exercise for the same with a detailed accounting and verification of all physical assets and other charges that need to be attributed to EDSBU. Fresh actuarial analysis will bring further accuracy to this exercise and enhance the governance levels of our DISCOM operations.

Now, I will present the status of many ongoing projects in NDMC:

4.1 IPDS Project

NDMC is implementing the IPDS project under which creation of strong sub-transmission and distribution network with state-of-the-art “Advance Metering Infrastructure” (AMI), IT and SCADA is envisaged for efficient management of supply distribution system. Advance Metering Infrastructure (AMI) with two way communication between the consumer meter, having IP address and NDMC control centre has been completed. 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 smart energy meters 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).

Under this scheme, 58841 Direct Current energy meters both single phase & three Phases have been replaced with smart meters and data is being received in NDMC through FMS. 1900 LT CT smart energy meters have also been procured. The work for LT & HT CT meter strengthening is in progress.

4.2 Auto changeover switching system in eight important 11 KV sub-stations.

The project has undergone substantial change due to redevelopment plan of Central Vista area by the CPWD and the revised estimates are being prepared. The project will be completed in FY 2021-22.

4.3 Installation of High Definition Multi Media Leser Projector in Convention Centre.

High Definition Multi Media Leser Projector will facilitate more efficient utilization of Convention Centre and add to the revenue. The installation will be completed in Financial Year 2021-22.

4.4 Additional 33 KV sub-station at AIIMS, New Delhi & New below ground 33 KV ESS at Church Road.

This project has also been significantly modified due to redevelopment plan of Central Vista. Now, the case of ESS AIIMS is only being processed. The work will be completed within FY 2021-22.

4.5 Providing electric connection to J.J. Cluster in left-out Jhuggies under D/N & D/S Division of NDMC Area.

Work in 18 nos. J.J. Cluster completed. Remaining will be completed in FY2021-22.

4.6 The tender for purchase of two Fault Locating Van for detecting the Fault of Feeder has been called and will be materialized.

4.7 Tender is being called for Operation of Annual Contract for laying of 33 KV, 3Cx400 sqm. XLPE cable in and outside NDMC area.

4.8 220 KV ESS through DTL for GPRA colony at Sarojini Nagar :

The land is yet to be handed over by NBCC to DTL for establishing of 220KV ESS at Sarojini Nagar.

4.9 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

The built up space for 33KV ESS at Narojini Nagar & Netaji Nagar are yet to be constructed by NBCC

4.10 The work of providing 33 KV supply at proposed AIIMS Trauma has been completed.

4.11 Establishing 33 KV sub-station at Safdarjung Hospital

The built up space for 33KV ESS at Safdarjung hospital is yet to be constructed by NBCC.

4.12 Replacement of Conventional HPSV Street Light

The replacement work of conventional HPSV Street light with energy efficient LED Street light in 14500 poles have been completed. The left out work of street light at CPWD colonies and park under phase-II/III shall be completed with the replacement work of poles and cables. Besides, the energy efficient LED floods light have been replaced in all 142 Nos. high mast installed in the NDMC area. The poles to be required for phase-II/III work and replacement of cable work will be completed by June, 2021.

4.13 National LED Program

Under the National LED program NDMC has replaced all the conventional CFL, metal halide and HPSV lamp with energy efficient LED tube light, PLL/PLC lamp and LED lights in its all offices and market buildings.

4.14 National Solar Mission

Under the National Solar Mission NDMC has installed grid connectivity roof top solar PV plant in all Municipal buildings. The total install capacity of solar PV system is 3.2 MWp. Further, it has found that there is potential of 0.5 MWp in left out school buildings on which 4-5 KWp solar plant will be installed on each school. The tender has been called and is under process of approval. The work will be completed by March, 2021.

4.15 Ensuring energy efficiency: Public e-charging stations.

Under Phase I out of 100 locations for EV charging station, 55 have already been installed and commissioned by EESL. Under Phase II, out of 45 locations for EV charging station, 17 have been installed and commissioned by EESL. In 9 locations installation work completed and to be commissioned shortly. For remaining 19 locations (including 6 Plaza locations) the work is in progress.

4.16 Taking lessons from the COVID situation, NDMC has started reviewing its electrical infrastructure and has started initiatives with a long term vision to modernize its assets. Now I would list such steps;

4.16.1 Battery Energy Storage System (BESS)

NDMC proposes to install 5MW capacity Battery bank (BESS) as a pilot to meet the peak load demand and improvement of power factor. The battery bank shall also provide continuity of essential power supply in the vicinity during the grid failure and can work as a tool for managing Reactive Power for maintaining better power profile. BESS optimally sized to offer peak power support can help defer infrastructure investment by extending the life of transmission and distribution equipment due to reduced loading. Battery energy storage helps balance the fluctuations in supply resulting from the variability of renewable energy generation sources in the network. The UI penalties resulting from excess or shortfall of scheduled power can be reduced or avoided with the help battery storage system by absorbing or supplying the difference in power. By mitigating peak demand shortages, outages resulting from load shedding can be minimized thus improving the reliability of service of the utility.

4.16.2 Replacement of Old/Obsolete HT Panels

The work for replacement of about 1000 Old/Obsolete HT panels under Integrated Power Development Scheme (IPDS) is on the verge of completion and out of left out 1100 panels, replacement work of 250 panels shall also be completed during the current financial year & balance panels will be replaced in the financial year 2021-22. After the replacement of HT panels not only reliability of the power supply will be increased but also reduce the distribution losses and able to provide uninterrupted power supply to our stream consumers.

4.16.3 Enhanced power availability

Recently 40MVA power added in the system network after commissioning of 2x20MVA transformer at 33KV ESS Police Headquarter building, Jai Singh Road. Similarly 20MVA additional power became available at Kidwai Nagar (West) area after commissioning of one more 20MVA power transformer at Kidwai Nagar (West). After enhancing the above power into the network, the quality and reliability of the power will get improved in the area.

4.16.4 Smart Racks

The present data control room of NDMC is located at the 7th floor in Palika Kendra headquarter building. Due to the conventional old design of existing racks, the municipal services some time get affected. Therefore 6 smart racks with integrated cooling system are being purchased and will be installed at 1st floor in the recently established state of art, Integrated Command & Control Data Centre.

4.16.5 ADMS & SCADA System

NDMC proposes to establish automatic distribution management system and supervisory control and data acquisition system to monitor power supply. The work is assigned to Energy Efficiency Services Limited an unit under Ministry of power to execute the ADMS & SCADA system. After implementation of ADMS & SCADA system, the monitoring of power supply from NDMC grid to consumer end shall be done. This will further improve the uninterrupted power supply services to consumers.

4.16.6 Energy audit and condition assessment of electrical assets

To have a long term perspective plan a full scale energy audit and condition assessment of electrical assets and distribution network would be undertaken in FY2021-22.

In the year 2021-22, I propose to allocate ₹ 1236.43 Crore for Electricity department out of which ₹ 123.64 Crore is towards Capital Expenditure and ₹1112.79 Crore towards Revenue Expenditure.

5. Reliable NDMC: Roads and Lanes

Roads and connecting lanes are the basic infrastructures needed by the cities for necessary mobility. NDMC has created quality road infrastructure and stands committed to keep them well maintained. Now I would list major resurfacing works carried out during 2020-21 and further work proposed for FY 2021-22.

- 5.1** The work of resurfacing of 19 roads have been completed. The tender for Resurfacing of all 23 identified roads were awarded at an cost of ₹497 Lakh and work has been completed.
- 5.2** Resurfacing work of all lanes & by-lanes due for resurfacing has been completed and the work of road marking would be completed within stipulated date of completion.
- 5.3** The PE for the work of Re-carpeting of roads with cold milling process i.e. resurfacing of Shanti Path, Akbar Road, Shahjahan Road & Sher Shah Road for amounting to ₹4.43 crore has been prepared. The work will be taken up during 2021-22.
- 5.4** The roundabouts at Q- Point, Claridge Hotel, Methi Gole & York Place taken up as per recommendation of CRRI for improving riding quality through SMA (Stone Mastic Asphalt). These works have been completed. Further, the work of providing SMA treatment at Railway Bridge, Shanti Path, BHS Mark, Africa Avenue Rotary, under Bridge G Avenue, BHS Marg, and Laxmi Bai Nagar Rotary will be completed in 2021-22. Further, SMA work at Rotary and T-Junction including Thermoplastic Paint, solar stud/retro reflective studs will also be completed in FY 2021-22.
- 5.5** Tender for 2 small Electric Road Sweeping Machines on hiring basis have been invited with Detailed Estimate of ₹ 30.94 crore. The work would be awarded in this FY 2020-21 and Work will be taken up during 2021-22.
- 5.6** Further following new resurfacing works would be taken up in FY21-22:-
 - (i)** Resurfacing of Ashoka Road and Firoz Shah Road by milling methods of existing surface at an Estimates Cost ₹3.16 Crore.
 - (ii)** Resurfacing of 12 Avenues road in R-I division and 8 Avenues Roads in R-V division will be taken up after evaluation carried out by CRRI.

In the year 2021-22, I propose to allocate ₹ 146.77 Crore towards roads and pavements out of which ₹ 32.88 Crore is towards Capital Expenditure and ₹ 113.89 Crore towards Revenue Expenditure.

6. Reliable NDMC: Water Supply

There are about 450 km of water supply lines in NDMC area which comprises diameter lines ranging from 50 mm to 1800 mm. NDMC has taken several measures in the past for improvement of water supply infrastructure. Further, NDMC strives to continue to improve the same by bringing new technology such as AMI Water Meters focusing on reduction in NRW (non-revenue) water so that uninterrupted water supply to its residents is made available.

6.1 24X7 supply of clean water with AMI Water Meter

NDMC citizens need to be assured of round the clock water supply and to guarantee the same, project had been initiated which has been put on fast track in this FY. Council has already approved appointment of consultant to prepare updated DPR for execution of complete work in single phase. Simultaneously, installation (including O&M for five (5) years) of AMI Water Meters, for which ₹ 30 Crore have been sanctioned under AMRUT Scheme has also been approved. The RFP for main work of reduction in NRW and 24x7 Water Supply is under issue and expected to be finalized in FY 2020-21. The work for installation of AMI water meters will be completed by Aug., 2021.

6.2 Shifting of main line and metered water connection to every resident of B.K. Dutt Colony :

Council has already approved for relaxation in submission of documents by the residents of B. K. Dutt Colony for getting new metered water connection. Still the completed application forms with minimum required documents are awaited. Letters have already been written to RWAs for the same. A separate proposal for the recovery @ ₹ 200/- per month through electricity/water bills and immediate sanction of new water connection to all the residents of BK Dutt Colony (without any charge at present), has already been processed. The issue is under finalization with RWAs.

6.3 Drinking Water Fountains

Keeping in view COVID situation, a different kind of fountains will be installed for which estimate has been prepared for 39 fountains. The work shall be awarded and executed by June, 2021.

6.4 Mist Spraying Canon Machine

The proposed machines for Air Pollution Control have already been installed at Central Park, Connaught Place and working successfully.

6.4.1 The work of providing and laying 300 MM dia D.I.Line for President Estate from Jor Bagh Water Boosting Station has already been completed. Further, the work of replacement of water supply lines at Lodhi Colony is recently awarded and is in progress at site. The installation of Sluice valves is expected to be completed by June, 2021

In the year 2021-22, I propose to allocate ₹ 166.12 Crore towards water supply management out of which ₹ 7.36 Crore towards Capital Expenditure and ₹ 158.76 Crore towards Revenue Expenditure

7 Reliable NDMC: Sewerage system

There are about 350 kms of sewer lines in NDMC area and the oldest sewer line in NDMC was laid during British Era which is about 80 to 90 years old. The size of these lines ranges from 150 mm to 2100 dia. For rehabilitation of old sewer lines, Tata consultancy was appointed as consultant. Besides, an independent study of specific sewer area was also made by IIT Delhi in 2011. Based upon their recommendations the work of rehabilitation of sewer lines were started in phased manner.

The first phase of rehabilitation of about 30 km sewer line has already been completed. The work for second phase is already in process for about 50 kms lines, out of which tendering process for 20 kms of lines have been initiated.

Now, I would list some of the works being carried out by the NDMC for augmentation and rehabilitation of sewer infrastructure in NDMC area.

7.1 Two pressure jetting machines mounting on truck chasis have been hired for 7 year. But these machines could be put to use only after October 2020

due to mandatory provision of new Motor Vehicle Policy for only BS VI compliant vehicles.

- 7.2** Work for hiring of 3 Nos. CNG run High Pressure Jetting cum sewer suction machine mounted on TATA 407/Bolero for 3 yrs. is expected to be awarded by February, 2021 and the commencement of the work is expected by March, 2021 and the work will be continued throughout the year 2021-22.
- 7.3** The tender for O&M for 07 years of existing STP at N.P. Bengali School received and is under approval.
- 7.4** The consultant for 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 has been appointed. The tenders for main work for execution shall be floated by January, 2021. The execution time shall be 18 months. Work is expected to be completed by October, 2022.
- 7.5** The work of De-silting 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 has been completed.
- 7.6** The status of the various works of rehabilitation of sewerage network proposed to be undertaken during the last year 2020-21 is as under:-
- 7.6.1** M/s TTI has been awarded the consultancy work for 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- Subramaniam Bharti Marg. The consultant would submit DPR and all details by the end of January, 2021 after proper survey etc. The tenders for main work for execution shall be floated by March, 2021 after acceptance of DPR. The execution time shall be 12 months.
- 7.6.2** Tender for 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 have been invited and the work is expected to be awarded in February, 2021 and shall be completed by June, 2021.

7.6.3 The work under 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 will be completed by May, 2022.

7.6.4 Work of Shifting of sewer line from ARD Complex to Palika Bhawan Netaji Nagar is expected to be completed by January, 2021.

7.7 Now I would bring out new works of rehabilitation of sewerage networks proposed to be undertaken in 2021-22:-

7.7.1 De-silting and re-habilitation of 450mm dia NP-2 Class RCC pipe sewer line by cured in place pipe (CIPP) method from Sadar Patel Marg to Shantipath to Satya Sadan via Kautilya Marg, Madhulimay Marg and along Kushak Nallah (under Phase-III).

7.7.2 De-silting and re-habilitation of 990 mm to 1143 mm dia sewer line by cured in place pipe (CIPP) method from Shantipath via Panchsheel Marg (under Phase-III).

7.7.3 Re-habilitation of existing 600mm dia RCC sewer by Cured in place pipe (CIPP) method from Telegraph lane to Kashturba Gandhi Marg via Madhav Rao Scindia Marg.

In the year 2021-22, I propose to allocate ₹ 167.90 Crore towards Sewerage Management out of which ₹ 68.78 Crore towards Capital Expenditure and ₹99.12 Crore towards Revenue Expenditure.

8. Reliable NDMC: Drainage system

8.1 In modern cities, it is imperative to drain the water not only to avoid leaking, water logging, flooding during monsoon season but also to rationally utilize such water for various usages under the concept of Blue-Green infrastructure. Rehabilitation of drainage system is essentially required at regular intervals.

8.2 There are 14 drainage systems in NDMC area out of which about 53 km of main drainage system is of size 600mm to 2057mm and length of transfer underground drainage line is about 270 km of size 450mm to 900mm. The oldest drainage line in NDMC area was laid during British era about 80 to 90 year before. The rehabilitation work has not been carried out since being

laid, with the result that every year number of cases of settlement of barrel/drainage system are occurring during monsoon period. This causes many instances of traffic inconvenience in NDMC area.

8.3 Taking cognizance of this much felt need, consultant for rehabilitation of 14 drainage system will be appointed in year 2021-22. After receipt of report from consultant, the proposal of rehabilitation will be made in a phased manner.

8.4 In the meantime NDMC will undertake the following drainage improvement works in FY 2021-22:-

(i) The rehabilitation of existing Drainage system at Barakhamba Road, Tilak Lane and Bhai Veer Singh Marg and other roads will be carried out during 2021-22.

(ii) Existing main drainage system along HS road from Shani Mandir to Pillanji Village is proposed to be shifted for which Preliminary Estimate amounting to ₹1.38 has been got approved from competent authority.

(iii) The damaged portion of covered Nallah behind Gurudwara XY Block Sarojini Nagar at an cost of ₹1.62 Crore is proposed.

In the year 2021-22, I propose to allocate ₹6.36 Crore towards improvement of drainage system out of which ₹4.47 Crore towards Capital Expenditure and ₹1.89 Crore towards Revenue Expenditure.

9. Strong NDMC: Buildings, Bridges & Urban Assets

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 2020-21 and proposed new projects for FY 2021-22.

9.1 Multistory commercial complex at Akbar Bhawan

A Multi-storey office complex with 4 basements and 10 Storeys is being constructed to meet the demand for additional office space as well as revenue for NDMC. The project stands approved by the Council and is

awaiting necessary clearances from Fire Department. The work is likely to be started in February, 2021 and will be completed by January, 2023.

9.2 Preparation of Basket Ball, Volley Ball and other playing courts in NDMC Schools

To ensure holistic development of children in NDMC schools upgradation of the existing sports infrastructure had been considered for 11 schools out of which 8 have been completed. The remaining three locations have limited site availability and are accordingly under review.

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

The work is at the stage of award of Tender and is likely to be completed by September, 2021.

9.4 Integrated Transit Transport Infrastructure- Redevelopment of Shivaji Terminal

To create world class infrastructure through NDMC SPV as per provision of MPD-2021, the project had been taken up but tender could not be awarded. The project has now been revised with two basements and four upper floors. All statutory clearances have been received. Tender has been called and is under scrutiny. Work is likely to be completed by March, 2022.

9.5 Replacement of hockey turf and sprinkler system at Shivaji Stadium

Existing Turf & Sprinkler System had already outlived their life and guarantee (7 years) expired on 17.11.2018. Therefore, proposal to replace the existing turf and sprinkler system without removing the base of bituminous carpet layer and seeking global certificate from FIH upto whole guarantee period of 07 years has been taken up. Work is likely to be completed in March, 2021.

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

There are 05 schools at Lodhi Road, namely, NP Sr. Sec. School, NP Primary School, NP Nursery School, Navyug Sr. Sec. School and Navyug Pr. School. Around 2500 students study in these 5 schools situated at a single plot. Therefore, it was decided to re-develop the Lodhi Road campus

as World Class Schools of Excellence namely Navyug Girls International School and NDMC Boys International School. The Schools of Excellence at Lodhi Road will have state-of-the art building, with common infrastructure for sports facilities having all modern digital educational infrastructure, world class sports infra-structure along with modern civil infrastructure. Once set up, it will cater to more than 3000 students.

The project has been approved with an outlay of ₹ 97.92 crores and appointment of a consultant has been made. The project is now assessed to be completed by FY 2023-24.

9.7 Construction of Rain Water Harvesting Pits in NDMC 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. Preliminary estimate amounting to ₹ 1.30 crore at 13 Nos. NDMC Buildings identified earlier is under process and work will be completed in FY 2021-22.

The work 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 has been awarded. Some more RWH pits are proposed to be made so as to ensure maximum utilization of rain water.

Further, there is a proposal to Construct Rain Water Harvesting Pits of 32 Electric Sub Stations. Work is likely to be awarded by March, 2021 and will be completed by December, 2021.

9.8 Up-gradation of Laboratories in NDMC/ Navyug Schools

To make the Laboratories in NDMC schools, state-of-the-art wherein civil infrastructure, equipment for experiments etc. are of high quality, these labs need up-gradation. Tender for the work has been opened and the work is likely to be completed by May 2021. Furniture items are to be published in GeM Portal after award of civil work.

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

Palika Bazar Shopping Complex is underground and very prestigious Shopping Complex. The necessity of water proofing was felt and the work has been taken up at an estimate cost of ₹3.00 crores. The work is delayed due to the COVID-19 Pandemic and is to be completed by the end of this financial year.

9.10 Improvement of Vidyut Bhawan Complex

The renovation in 3 Buildings of Vidyut Bhawan Office Complex is being carried out and likely to be completed by end of this financial year with a cost of ₹ 28.00 crores. The building will be rented out to Enforcement Directorate. NDMC will receive rental income from the building.

9.11 Construction of Skill Development Centre at Moti Bagh is in progress. The work of JPN Library at Mandir Marg is expected to be started in November, 2021 and will be completed in the next financial year.

9.12 Additional Block at Indira Niketan Working Girls Hostel

Tenders have been invited and the work is likely to be awarded by February, 2021. The time of completion has been kept as 12 Months.

9.13 Housing for Municipal Employees

In order to provide accommodation to its employees, NDMC has been constructing various types of accommodation, the work on which is in full swing which includes the following:-

9.13.1 Construction of 120 Nos. Type – II Flats at Sector – VII, Pushp Vihar, Saket, New Delhi.

The work has been awarded at the Tendered amount ₹ 41.45 crore. The work is in progress and will be completed by June, 2021.

9.13.2 Construction of 160 Nos. Type – III Flats at Sector – VII, Pushp Vihar, Saket, New Delhi.

160 Nos. Type-III Flats with Two Basements and five Blocks of eight stories is being constructed at Sector – VII, Pushp Vihar, Saket, New Delhi where each Block will be consisting of 32 Type-III Flats having 4 flats in each floor. There is a provision of Underground Water tank, one double storied community centre, ESS and with double piping system. The work will be awarded by January 2021.

9.13.3 Construction of 200 Nos. Type-II Flats, (10 Storied Tower) at Aliganj, New Delhi.

The Work is in progress. Structural, brick & plaster work in all the four towers have been completed. Flooring and other finishing items like doors, windows, plumbing etc. including electrical and fire fighting work are in progress. Likely date of completion of project is March, 2021.

9.13.4 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.

9.14 Redevelopment of Babu Samaj Sewa Kendra, P.K. Road, New Delhi

This tender has been rescinded as per approval of Council and is likely to be awarded by March 2021.

9.15 Now I would like to make new proposals for FY 2021-22

9.15.1 Renovation and Development Works at NDMC, Palika Kendra Building:

Palika Kendra Building is the headquarter of New Delhi Municipal Council. The building had been raised in early eighties as an iconic one and many of its components now need renovation. It is proposed to appoint MEP consultant to assess the condition and recommend comprehensive renovation with upgradation. The work is to be carried out in a phased manner and will be completed by March 2022. The tentative cost of civil work would be around ₹ 3 crore with completion time of 18 months.

9.15.2 Retrofitting work to make the NDMC High Rise buildings safe for seismic effect.

As per the direction of the Hon'ble High Court in W.P. (C) 434/2015 titled Arpit Bhargava & Anr. Vs North Delhi Municipal Corporation & Ors., NDMC has already identified 25 buildings as High Risk Buildings and structural audit of Fifteen buildings have been done. 14 buildings already retrofitted for which necessary certificates have been obtained. Remaining one building i.e. Palika Niketan Housing Complex, R.K. Puram, which is also in High Risk, the work is in progress and will be completed by January, 2021.

Further, 10 more Buildings are in high risk category and need retrofitting for which appointment of consultant is in process.

9.15.3 Commercialization of Housing Complex at Prithvi Raj Road Market:

There is a residential housing complex of NDMC employees at Prithvi Raj Road. These residential flats are in depleted condition and have outlived their life. Further, as per MPD 2021 the status/land use of this plot has come within community centre. Therefore, it is proposed to demolish this housing complex and a new commercial complex will be constructed thereon. The existing residents would require to be shifted in new housing complex being built by NDMC. Detailed proposal is under preparation.

9.15.4 Renovation of Market Complexes:

NDMC is planning to renovate the existing market complexes in its area. Earlier, façade work was carried out in these market complexes during Common Wealth Game (CWG) 2010 which have since been faded and giving a shabby look. It is now proposed to carry out façade treatment, elevation work and replacement of boards, signage etc. The work is likely to be carried out in financial year 2021-22.

9.15.5 Installation of Lifts in four storey NDMC Housing Complexes:

The residents of several NDMC housing complexes are, time and again, requesting to provide lift in these buildings so that elderly and disabled members of their families may have easy and smooth access to their flats. It is therefore, proposed to make a provision for lifts in such buildings. The feasibility and survey of these buildings would be carried out in financial year 2021-22.

9.15.6 New building for Veterinary Hospital:

The existing building of the NDMC Veterinary Hospital has been allocated to proposed multi-specialty hospital being developed with RML Hospital. Therefore the veterinary hospital would need a new premise for its uninterrupted functioning. Identification of site has been done. Land allotment has also been done by L&DO. The work will be started in June, 2021.

9.15.7 Rehabilitation of Ranjit Singh flyover.

Rehabilitation work on Ranjit Singh Flyover was carried out during 1999-2000 and its rehabilitation has been overdue since 2014. CRRRI as consultant has submitted its report based on which rehabilitation work is in progress. The work will be completed in financial year 2021-22.

10. Swasth NDMC: Medical Services

10.1 Leveraging traditional knowledge AYUSH Services in NDMC

10.1.1 NDMC takes pride in a robust Ayush set up at its hospitals and dispensaries. More than 4 lakh patients had been utilizing these services annually. The number has gone down in the current year due to lockdown and posting of AYUSH doctors in corona duties also in addition to dispensary work.

10.1.2 The pandemic COVID-19 had disrupted various new services announced last year such as establishing a new Ayush Center at PSOI Club, Operation Theatre for Kshar Sutra Therapy for treatment of piles and fistula at Dharam Marg. Homeopathy Units at Palika Maternity Hospital, Mobile Dispensary for Old age Homes on rotation basis etc.

These works will be taken in next FY 2021-22 subject to improved pandemic conditions.

- 10.1.3** For Establishing a 50 bedded Ayush hospital with Research Centre in collaboration with Ministry of AYUSH, a plot measuring 30,000 sqft. has been allotted where NBCC will undertake the work .

10.2 NDMC will take up a new programme **AYUSH at doorstep in NDMC Schools and Old age homes** in FY 2021-22. AYUSH treatment relies on prevention of diseases and is especially suited to the elderly and children. AYUSH doctors working in NDMC shall visit NDMC schools and old age homes on rotation basis for at least one hour every day and suggest specialized treatment. They will also be sensitized and educated about the benefits of each AYUSH system on regular basis through interactive talks and group discussions. They can obtain medicines from nearby dispensaries of NDMC.

10.3 Leveraging modern health systems 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.

- 10.4** Now I would update the status of various services announced last year i.e 2020-21:

- (i) The work order for Procurement of Arthroscopic set for Charak Palika Hospital has been issued and the same will be available before 31st March, 2021.
- (ii) Work orders for Procurement of Defibrillators, ECG Machines has been issued and the same will be available before 31st March, 2021.

- (iii) Up gradation of Casualty and construction of Disaster Ward is under progress with drawing for the proposal under preparation.
- (iv) A new blood storage is yet to be started as no space is available.
- (v) Procurement has been deferred for CLIA machine for hormonal Assay, to further upgrade & strengthen the laboratory system.
- (vi) The department of Microbiology will be outsourced due to manpower shortage.
- (vii) A new OT Complex would become functional before 31st March, 2021 and ICU will start functioning in next year.
- (viii) Harmonic scalpel will be procured before 31st March, 2021.

10.4.1 Paediatric Department: Pediatric Department on the 2nd Floor will be functionalized in January, 2021.

10.4.2 Ophthalmology Department: OT Table & Chair would be procured before 31st March, 2021.

10.4.3 Medical Gas Pipeline System: The work of Medical Gas Pipe Line Installation at CPH has been completed.

10.4.4 Video Conferencing Centre at Charak Palika Hospital with facility of Telemedicine has been set up.

10.4.5 A new C-ARM has been purchased for Orthopedic Department.

10.4.6 To further improve medical services, we intend to introduce new projects and procure equipment and machinery which are being proposed for the FY 2021-22.

10.4.7 Up-gradation of ENT Department at CPH: ENT Department caters to patients suffering from diseases of Ear, Nose & Throat. The department at CPH sees a lot of patients of hearing loss due to various pathologies. Many elderly patients avail the services of the department for hearing loss who require interventions from hearing aid to surgical cochlear implants. Also, children and adults suffering from tonsillitis, nasal polyps, DNS etc routinely avail the services. Acquisition of the

following equipments would greatly help in alleviating the sufferings of the elderly, adults and children alike.

- a. **Powered Microdebrider System for ENT Surgeries:** This equipment would help in conducting FESS (Functional Endoscopic with Sinus Surgery), Nasal Polyp surgery, Adenoidectomy, Mastoid procedures & Stapes (inner ear) procedures.
- b. **High end ENT operating Microscope with Integrated camera recording facility:** This would enable microscopic ENT surgeries like Modified radical mastoidectomy, Ossiculoplasty, Stapedotomy etc in painless & bloodless manner and would be of help to particularly elderly patients.
- c. **ENT 4K Documentation system (Monitor, Camera + Light Source + Endoscopes):** This instrument would help in conducting ENT surgeries like FESS, Endoscopic DCR, Paediatric Polyp procedures, control of epistaxis, Endoscopic septoplasty. These instruments would help in conducting ENT surgeries in bloodless manner in elderly and children with better visualization.
- d. **Microlaryngeal instrument (ENT) (Complete set) Instruments** for conducting the ENT surgeries.

10.4.8 Up-gradation of Dental Department at Dharam Marg

Upgradation is being done by acquiring CBCT- a Cone Beam computerized Tomography which will ease the operative procedures in Dental Department. CBCT greatly helps in pin pointing the diagnosis by better visualization of the dental anatomy and the disease process. This would help in better planning of dental treatment with improved results. The equipment would greatly help in Dental rehabilitation of elderly patient and women.

10.4.9 Disaster Management Ward at CPH: Disaster management ward is a mandatory requirement for any hospital for disaster preparedness. Charak Palika Hospital has been designated as a nodal hospital for disaster management by NDMA. In case of a mass disaster/casualty CPH is one of the hospitals where casualties would be evacuated. Preparedness training drill to staff for tillage and management is

routinely imparted at CPH. Once the ward is ready it would enable the hospital to be prepared for managing any disaster.

10.4.10 Starting of Complete Rotating Internship programme for medical graduates at CPH

Future of the country depends upon availability of trained human resources. NDMC is running two hospitals PMH & CPH whose clinical facilities along with experienced doctors largely remain un-utilized for teaching and training purposes. The Clinical facilities and the faculty would be utilized to offer complete rotating internship training in all the required departments for fresh MBBS graduates. This will not only utilize the facilities available at the hospital but will also provide interns for clinical work of the hospital and create an academic environment at the hospitals.

10.4.11 24X7 maternity services in Palika Maternity Hospital

Palika maternity Hospital deals with cases which are of emergency nature. However due to limited resources and manpower the services are not available on 24X7 access basis. NDMC will make radiology, sonography and other services available on 24X7 basis at PMH to cater to the needs of women.

11. Swachh NDMC: Public Health

11.1 Swachh Survekshan

NDMC is ODF++ Re-certified in September 2019 and has maintained the same. Further, this year NDMC aspires to participate in garbage free city for 7 star rating and Water ++ certification in the forthcoming Swachh Survekshan-2021 being organized by MOUHA.

11.2 No Single Use of Plastic

NDMC has already implemented the prohibition of single use plastic material in all its offices. Few markets have already implemented the prohibition of use of polythene bags of less than 50 micron thickness. Once, the notification of Plastic Waste Management Rule has been issued by the Govt. of NCT of Delhi, the New Delhi Municipal Council will implement prohibition of complete ban on plastic.

NDMC has also initiated a Plastic Lao, Mask Pao campaign to address the twin issue of plastic reduction and promoting masks.

11.3 Garbage Collection and Home Composting

Because of ongoing COVID pandemic the scheme for home composting in NDMC area has not been fully operational.

11.4 Health Checkup of Safai-Sewaks

Annual Health Checkup of Safai-Sewaks will be carried out for this year also. All the Safai-Sewaks are being medically examined to keep an eye on their health status and provide necessary medical aid.

11.5 Bin Free City and Providing Underground Bins

To make NDMC bin free (as per the requirement of 5 to 7 star ranking for garbage free city of Swachh Survekshan) Public Health Department proposes to install underground bins at all strategic locations in a phased manner. 26 underground bins have already been installed and further planned to replace 32 nos. more bins in the FY 2021-22.

11.6 Organic Waste Convertor

Organic Waste Convertors at remaining two locations at Bharti Nagar and Sangli mess have also been completed.

A proposal is in advance stage to install 9 such organic waste convertors in residential colonies thereby removing the need to transport organic/wet waste from residential colonies to Okhla waste processing plant.

11.7 Strengthening of Anti-Malaria, Dengue and Chickengunya Unit

Department has procured 44 brass made spray machines and 30 battery operated plastic spray machines for strengthening of anti malaria unit of Public Health Department. All these are also being use for prevention and control of COVID-19 in NDMC area. 21 fogging machines have been repaired departmentally.

11.8 Strengthening of control of communicable diseases

The area is being threatened by a number of communicable diseases especially malaria, dengue, chikungunya and other viral disease especially COVID-19 including SARS viruses. The department proposes to strengthen its activities to control these diseases. Health department proposes to purchase 100 more Knap Sack sprayers for spraying insecticides as well as other chemicals to control the above mentioned diseases. One vehicle mounted mist blower shall be purchased to control / sanitization of public areas in NDMC including markets

In the year 2021-22, I propose to allocate ₹155.70 Crore for health Sector out of which ₹ 9.64 Crore towards capital expenditure and ₹ 146.06 Crore towards Revenue Expenditure.

12. Future Ready NDMC: EDUCATION

12.1 Education is the passport to the future, for tomorrow belongs to those who prepare for it today. An investment in knowledge pays the best interest, and adopting this strategy NDMC has taken care to make its educational institutions of highest standards. 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 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.

12.2 Paradigm changing initiatives

12.2.1 NDMC is working to make education inclusive through introduction of technological advancements and engaging all the stakeholders. Such initiatives which were introduced by NDMC and will be in continuous use even in future for welfare of students include, but not limited to:

- i. Smart classrooms: Smart classrooms in all schools from 6th to 12th were introduced in the year 2016 which have helped to improve the academic environment of the NDMC/Navyug schools.

- ii. Digital Libraries: NDMC has established 27 Digital libraries in its secondary and Senior Secondary schools.
- iii. Atal / Palika Tinkering Labs:

To nurture innovative minds, 5 Atal Tinkering Labs and 5 Palika Tinkering Labs have been set up in NDMC and Navyug Schools. Another 14 Palika Tinkering Labs are being set up in 14 Secondary and Sr. Sec Schools and will be set up by 31st March 2021.
- iv. **Information Kiosks:** To make information, including the books, school schedules, etc. readily available to the students and to provide feedback, 62 Information Kiosks have been set-up in all NDMC and Navyug schools.
- v. **Sanitary Napkin Vending Machines:** Catering to the personal Hygiene and overall wellness of girl students, 29 sanitary napkin vending machines have been installed in all 28 Secondary and Senior Secondary NDMC/Navyug schools wherein free compostable sanitary pads are provided to girl students.
- vi. **Biometric Attendance:** All NDMC schools have been equipped with Biometric Attendance mechanism through which timely availability of staff is ensured.
- vii. All Balwaris of NDMC have been upgraded into State-of-the-Art NDMC Playway Schools which will help in implementing the New Education Policy which emphasizes on the pre schooling education.
- viii. **Football Academy for Boys:** On the lines of the Under 10 Girls Football Academy, 03 Football academies for under 10-14 years boys have been set up for promoting football culture in our schools.
- ix. **Language Lab:** Two Language labs have been set up in two schools on pilot basis for improving the English language in our schools which is vital component of school curriculum for achievement of learning outcomes.
- x. **CCTV Cameras in open areas:** All Middle, Secondary and Senior Secondary Schools have CCTV cameras in all classes from VI to XII. CCTV cameras have now been installed in the open area and

corridors in all NDMC and Navyug Schools for safety and security of students.

- xi. **Conducting quality assessment of NDMC/Navyug schools by 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.
- xii. **Exchange Program:** NDMC started an exchange program both at National & International level to give our students and teachers an opportunity to see the best practices and models to widen their perspective. The project will continue in the year 2021-2022 as well.
- xiii. **Seema Darshan program for students of NDMC & Navyug Schools:** On the lines of Ministry of Human Resource Development Seema Darshan tour, NDMC has started Seema Darshan tour which will be continued in the year 2021-2022.

12.3 IMPROVEMENT IN ENROLMENT IN NDMC / NAVYUG SCHOOLS:

As a result of above initiatives, the enrollment in NDMC/Navyug schools has shown an impressive growth in past few years. The overall enrolment in NDMC / Navyug Schools in 2016-2017 was around 27,500 students, which increased to around 30,000 students in the year 2017-18 and 30300 in year 2018-2019 and was at the same level in 2019-2020. This year also in spite of emigrations due to COVID -19 Pandemic the enrolment is around 30,000. The enrolment in NDMC / Navyug Schools is likely to increase further during next year due to better academic environment in our schools.

12.4 OVERALL IMPROVEMENT IN CLASS 10TH AND 12TH RESULT:

Due to Academic and technological intervention, effective administration and priority given to Education by NDMC, the overall result in Class 12th of NDMC and Navyug schools is improving every year. In 2019-20 class XII result was 95.41% as compared to 94.21%, 93.6%, 90.15%, 86.67% and 80.20% in the years 2018-19, 2017-18, 2016-17, 2015-16 and 2014-15 respectively. In class X, we are maintaining the result close to 90% from last four years. The focus for the year 2021- 22 is Mission 100%.

12.5 MEASURES TAKEN BY NDMC FOR STRENGTHENING ONLINE DIGITAL EDUCATION DURING COVID – 19 PANDEMIC:

12.5.1 COVID -19 has posed unprecedented challenges in all fields particularly the Education system in the entire world. It has impacted the education of students globally. Schools all over India are closed since March 2020. In order to ensure that closure of schools does not lead to academic loss, NDMC and Navyug schools quickly remodeled their education system as per the Global trends and adapted to the Online Education for providing the **‘Schooling at home to the learners’** from first week of April itself without any delay in the academic session. Following measures have been taken up by the NDMC for online education of students coming mainly from economically weaker sections of society with varied availability of resources:

- i. ‘Synchronous’ i.e. real time online teaching – learning through various Digital Platforms such as Zoom, Google meet, Cisco WebEx etc. is being provided to learners in all NDMC and Navyug Schools.
- ii. ‘Asynchronous’ – Anywhere any time teaching learning through Google Classroom WhatsApp assignments, contact through regular phone or SMS to those learners who could not be connected through real time Digital Platform.
- iii. Online assessment - Online formative assessments are also being done by Google Forms for objective papers and using various digital tools such as, Kami Extension – Annotation app, Adobe Acrobat reader, Microsoft Edge etc. for descriptive papers received from students via email/WhatsApp.
- iv. Cultural and national Integration Programs, Online Yoga, Online Art and Music, Online PTM are being conducted through online mode to focus on holistic development.
- v. Online Staff meetings: Weekly online staff meetings are also held by HOS to guide the teachers, get the feedback from them and resolve the issues.

- vi. Online Teachers Training and monitoring: For Handholding of teachers and for monitoring of online education, an Academic Group was constituted in NDMC for providing online trainings to teachers for use of various Digital Platforms and awareness about Pragyata Guidelines on Digital Education issued by MHRD.
- vii. Financial help through DBT: In the beginning of Lockdown period, parents of many students were facing hardships because of loss of earnings, so Mid-day meal allowance and internet data pack charges were provided to the students of classes 10th and 12th for two months by Direct Bank Transfer to their Accounts to ensure minimum academic loss. This will be continued in the remaining months of the current session.
- viii. Launch of NDMC YouTube CHANNELS:

In order to strengthen the availability of any time education through their own teachers, NDMC has started two YouTube Channels – Atal Adarsh Shiksha and Navyug Pragati by teachers of Atal Adarsh Vidyalayas and Navyug Schools respectively where in teachers of these schools are uploading the videos prepared by them. Besides nurturing the creativity of teachers, this initiative is providing quality education to students not only of NDMC and Navyug schools but for all schools all over India. In the first phase the focus is on Primary classes but gradually videos for all classes will be uploaded. By the end of next academic session entire syllabus for all classes from Nursery to XII will be available in the form of videos in these YouTube Channels.

- ix. **Distribution of tablets pre-loaded with educational content to class x and xii students for education at home:**

Due to changing needs because of closure of schools and to facilitate the learners for online education at home who mainly belong to economically weaker section of society, NDMC Education Department has quickly processed the pilot project for issuing of tablets pre – loaded with the relevant educational content such as NCERT Text Books, CBSE Sample Papers, previous year Board question papers, model answer sheets, apps such as Zoom,

Google meet, Google classroom, Cisco WebEx, WhatsApp etc. for digital learning by the students of Class 10th and 12th at home in 4 schools. 811 tablets procured through GeM were distributed to students by Education Department in December, 2020.

12.5.2 As a result of these measures we have been able to increase the average daily attendance in online education from around 60% in the beginning of session to around 80% by November, 2020. However, almost 90% to 95% students are in regular touch with teachers through various means of communication.

12.6 For achieving the above objectives, I propose the following proposals for the year 2021 -2022:

12.6.1 I had announced a large number of Projects in last Budget Speech but some of these could not be completed because of COVID -19 Pandemic and consequent lockdown. I propose that following projects which were announced last year but could not be undertaken, will be taken up during 2021-2022:

- i. All primary classes from class 1 to 5 be converted into smart classes.
- ii. One tablet based smart class be set up in all Secondary and Senior secondary schools for assessment purpose.
- iii. Up-gradation of Auditorium in schools.
- iv. 14 Palika Tinkering Labs will be set up 14 NDMC/Navyug schools in addition to existing 10 Atal/Palika Tinkering labs. For 14 PTL, Tenders have been invited and these labs will become operational in 2021-22.
- v. Panic Button will be installed in all NDMC/Navyug schools along with CCTV cameras in open areas in the year 2021 – 22.
- vi. One Nature based Class room will be set up in 10 NDMC/Navyug schools.
- vii. Five cycling club will be set up in 5 NDMC/Navyug schools.

- viii. Mountain trekking will be undertaken both for teachers and students in the year 2021.

12.7 New Education Policy 2020: NDMC Imperatives

Govt. of India has announced the New Education Policy 2020 which is to be implemented by 2022 across the country. It is high time for NDMC to restructure the schooling system as per New Education Policy and prepare itself and make a new phase of reforms for the coming years by leveraging world class infrastructure, good teacher student ratio, robust extra-curricular activities. To keep up with the demands of the 21st century, it is proposed to give focus on the following areas while restructuring the schooling system as per New Education Policy:

- (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 Vocational Skills
- (v) Improving health through physical education and Yoga
- (vi) Ensuring quality and activity-based education for all children
- (vii) Integrating Art with Education
- (viii) Focus on competency-based Education
- (ix) To cultivate '21st-century skills' among students, including critical thinking, problem- solving, creativity and digital literacy

12.8 Planning and Preparedness for New Education Policy 2020:

12.8.1 Govt. of India has announced the **New Education Policy and it will be implemented by the year 2022.** The new policy aims for universalization of education from pre-school to secondary level with 100 per cent Gross Enrolment Ratio (GER) in school education by 2030. The Policy envisages that the extant 10+2 structure in school education will be modified with a new pedagogical and curricular

restructuring of 5+3+3+4 covering ages 3-18. It will include 12 years of schooling and three years of Anganwadi and pre-schooling.

- 12.8.2** All students will take school examinations in Grades 3, 5, and 8 which will be conducted by the appropriate authority. Board exams for Grades 10 and 12 will be continued, but redesigned with holistic development as the aim.

Teachers will be given more autonomy in choosing aspects of pedagogy, so that they may teach in the manner they find most effective for the students in their classrooms. Teachers will also focus on socio-emotional learning - a critical aspect of any student's holistic development.

- 12.8.3** The Policy also lay emphasis on change in curriculum by adopting global trend to bridge the learning gap amongst the different strata of society and continuous professional development of teachers.

12.8.4 Setting up a Teachers Resource Centre in NDMC

It thus becomes essential to train the HoS and teachers with the latest trends in education to achieve the vision and mission of the New Education Policy. I therefore propose to develop a '**Teachers Resource Centre**' in NDMC for Continuous Professional Development of teachers (CDP). Through this resource centre, teachers will be given continuous opportunities for self-improvement and to learn the latest innovations and advances in their professions. In order to be prepared for New Education Policy, training programs and training modules mentioned in the Policy will be organized at the proposed Teacher Resource centre in collaboration with premier institutions such as NCERT and SCERT.

12.8.5 Setting up of Activity Centers in all Primary wing:

The New Education Policy envisages to cover the children of age group of 3 to 6 yrs of age by introducing restructured curricular framework of 5+3+3+4 in place of extant policy of 10+2 system. Over 85% of a child's cumulative brain development occurs prior to the age of 6, indicating the critical importance of appropriate care and stimulation of the brain in the early years in order to ensure healthy brain development and growth. It is envisaged that prior to the age of 5 every child will move to

a “Preparatory Class” or “Balvatika”. In view of this, it is proposed that ‘**Activity Centres**’ will be opened in primary wing of all NDMC and Navyug Schools. These centres will cater to needs of Balvatika as well as Primary classes. The focus would be on development of language skills and teaching by play based and activity-based curriculum.

12.8.6 Introduction of Bag-less Pre-primary and Primary classrooms:

Under the New Education Policy, the focus would shift to play, discovery and activity based and interactive classroom learning in accordance with the cognitive development of a child in pre primary and primary classrooms. I, therefore, propose for **Bag-less Pre-primary and Primary classrooms initially in all Navyug schools**. Under this scheme all Balvatika and Primary students would be provided free books and infrastructure would also be upgraded accordingly in all primary wing of Navyug schools.

12.9 Now I would like to propose some new initiatives that would be undertaken during 2021-22 to achieve academic excellence in our schools, to further smarten and strengthen the school infrastructure and improve the academic environment of the NDMC schools. These are:

12.9.1 Cash Prize to Meritorious Students:

Majority of students in NDMC/Navyug Schools belong to economically weaker section of the society and are thus deprived of even the basic resources. In order to encourage the meritorious students to continue higher studies for fulfilling their educational dreams, incentives in the form of cash prize can be a great help. I propose to provide cash prize of Rs. 10,000 each to the top ten highest scoring students in class 10th and 12th Board examinations. These meritorious students and their teachers shall be felicitated in the Award ceremonies to inspire other students for achieving higher goals. The scheme will run on a standing basis and will be known as **Palika Pratibha Puraskar**.

12.9.2 Upgradation of Computer Labs in NDMC/Navyug Schools:

As per New Education Policy the focus is on using digital pedagogy. All NDMC and Navyug Schools have computer Laboratories but these labs have old generation computers which were purchased long time ago.

These computer Labs are not only used for developing soft skills in students but are also integrated as Language Labs through special software to develop the Linguistic and Phonetics skills through audio & video system. It thus becomes imperative that Computer Labs be upgraded for latest software with new generation computers. I therefore, propose to upgrade all computer labs with new generation computers in the coming session.

12.9.3 New Computer Labs for Primary Wing of Navyug Schools:

With the focus on Digital Education, it is important that learners should be exposed to computer skills at an early age. I, therefore propose that new computer labs be set up in Primary wing of all 11 Navyug Schools. These schools being premier schools of NDMC, the learners can learn coding Programs for HTML, graphic designing etc. at Primary stage. Full HD Projectors shall also be provided to all 11 Navyug Schools.

12.9.4 Up-gradation of Schools: The enrolment in NDMC/Navyug Schools has shown an impressive growth during last three years. This year also the enrolment is around 30,000. 1 NDMC school is middle school located at Hanuman Lane, and 1 Navyug school located at Pandara Road is secondary schools. Students from Middle School, Hanuman Lane and Navyug Secondary School at Pandara Road need to be shifted to other senior schools for continuing their education. As a result of this shifting, they have to travel longer causing inconvenience to these students. I therefore, propose for the up - gradation of NDMC middle school located at Hanuman Lane to secondary school and Navyug Secondary School located at Pandara Road to Sr. Secondary schools. Necessary infrastructure and human resources for up gradation shall be provided to these schools in the year 2021-22.

12.9.5 Science Parks in NDMC/Navyug Schools:

Science parks are elements of the infrastructure of the global "knowledge". Science Park makes the complex world of science principles a piece of cakewalk. A science park is a cluster of interactive open-air play systems designed to fetch knowledge in basic science facts and phenomenon. The models are selected in a manner that can help students clear their doubts about the fundamentals of science in

play way manner. To develop scientific attitude and comprehensiveness towards the practical application of various principles of science, I propose to set up new Science Park in 5 NDMC/Navyug Schools as a Pilot Project in 2021-22 wherein students will have access to various apparatus like Double Ended Cone, Pendulums, Tarang, DNA Structure, Periodic Table, Parabolic Dishes etc.

12.9.6 Paper Recycling Plant

For conservation of resources and providing eco-friendly environment, I propose to set up a Paper Recycling Plant for Aanchal Special School in 2021-22. Under the project, the waste paper generated from entire NDMC area will be collected and shall be used in the proposed 'Paper Recycling Plant' to recycle it. In this way we can protect earth's ecological system by converting the waste paper generated in schools and offices into folders/file covers etc. The raw material for this plant could be waste paper, old books, newspaper, notebooks, charts, cardboard boxes etc. This project will also provide vocational skills to CWSN.

12.9.7 Introduction of Vocational Courses Recognized by CBSE:

Our quality initiatives are not only for transforming and augmenting the infrastructure and academic environment for achieving academic excellence but also for creating skill opportunities for students of our schools. As you are aware that a world class Skill Development Center set up at Mandir Marg is in great demand now a days for its excellent courses having very good job guarantee. I propose to introduce Vocational courses/subjects recognized by CBSE having good job prospects initially in two Senior Secondary NDMC/Navyug schools in the year 2021 - 22.

12.9.8 Language Labs in all NDMC/Navyug schools: Language Lab:

Language has its very high significance in the 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 2020, two language labs were set up in Navyug School, Sarojini Nagar and Atal Adarsh Bengali Balika Vidyalaya, Gole Market. New Education Policy emphasizes on development of communication skills

of the children at all level. I, therefore, propose to set up language labs in all NDMC/Navyug secondary and Senior Secondary schools in the year 2021-2022.

12.9.9 Free Stationary to the students of Preprimary and Primary schools: I have proposed to introduce bag-less Preprimary and primary classes of Navyug schools. Therefore to introduce the bag-less paradigm, I propose to provide free stationary to the students of primary classes during 2021.

12.9.10 Internet Data pack subsidy: As mentioned earlier, for smooth operation of online digital education, Internet Data Pack subsidy @ ₹200 per month was provided to the students of class Xth and XIIth for better performance of the students. The schools are still closed and not certain when schools will be reopen. I, therefore propose to continue the data pack subsidy @ ₹200 per month to all students of class Xth and XIIth in FY 2021-22.

In the coming year, NDMC propose to spend a sum of Rs. 224.55 Crore towards Education Sector, out of which Rs. 14.85 Crore is for capital work.

13. NATURAL RESOURCE CONSERVATION/ HORTICULTURE

13.1 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. Trees have been planted in most of NDMC area and nearing saturation in terms of coverage. Accordingly in the financial year 2021-22 plantation of 5000 trees and 5 Lakh shrubs is proposed.

13.2 Plantation drive: To extend the green coverage in NDMC area, massive plantation drives have been undertaken during the past four years alongwith stakeholders, wherein around 7.5 lakh sapling were planted in the year 2016-17, around 10 lakh saplings in the year 2017-18, around 20 lakh saplings, including around 38500 tree sapling, in the year 2018-19, around 3.5 lakh saplings in the year 2019-20 including around 11000 trees,

and 3316 trees, 212894 shrubs, 319050 ground covers, 3560 other species during the year 2020-21. The same trend as per feasibility will be followed in the 2021-22.

13.3 Development of Green Strip: The green strips were developed before CWG 2010. After that many damages were also happened due to various activities (like laying of utility cables, telephone cables etc.) and rejuvenation capacity of plants also got lost. Hence, there are many gaps, incomplete hedge, sparse cover etc. emerged in the due course of time, which is losing the aesthetic value of the avenue. Therefore, and redevelopment of the avenues need to be taken up in a phased manner. Hence, it is proposed to change the green strips pattern of 10 nos. of avenues in FY 2021-22.

13.4 Beautification of the Residential Colony Parks (NDMC and CPWD):

Every year the RWA demanding for beautification of the residential colony parks (NDMC and CPWD). The CPWD Colony Parks were taken over during 2007 and no beautification/improvement and development work has taken place after that. The department is only maintaining the existing features. Some of the parks are with many brown patches, damaged features hedges and shrubbery beds due to continuous stamping, public pressure and playing. Therefore, these parks need to be redeveloped with needed landscaping. NDMC intends to take up 27 such parks in Laxmi Bai Nagar and 30 parks in DIZ Area, Gole Market under this development.

13.5 Procurement of Modern Machinery and Vehicles

The mechanization is very much important to make Smart Green by fielding latest machineries for effective maintenance of NDMC green, the machineries like Brush Cutter, Hedge Trimmer, Blower, Digging Machine, Ride On Lawn Mower, Shredder, Crushing Machine as well as battery operated machineries. Hence, the new machinery will be procured and old machinery will also be replaced with new one to ensure the availability of all machines and tools in each and every basic unit i.e. supervisor level. To help the horticulture activities go smoothly like transportation of material, irrigation, tree washing, trenching work, treatment of trees etc., the vehicles are required as most of the vehicles are outdated. Hence, it is propose to

procure the Truck, Tankers, Tree Ambulance, Tata Ace, SPPM Pruning Machines for divisional level.

13.6 Development of NDMC Gardens as World-class Gardens:

NDMC takes pride in its gardens and intends to now further develop them in a manner befitting their location. It is proposed to get all the designs finalized by engaging consultant under NDMC Smart City Projects for four major gardens, namely Lodhi Park, Nehru Park, Sanjay Park and Talkatora Garden.

13.7 Tree Washing:

Tree washing for mitigating and dust air pollution would be regularize in a systematic way in a large scale to cover all the roads in a short frequency to keep NDMC avenues and premises and roads environment dust free to clean and lush green eco system with the help of specifically procured 20 Tankers.

13.8 Connecting STP Line of Delhi Jal Board:

Networking Considering growing demand of water requirement for the maintenance to green NDMC area it is proposed to extent the network to connect STP line of DJB to meet the gap of around 20-25 MGD which are shortfall of total requirement 35-40 MGD per day. As unfiltered water supplied by CPWD is remain irregular, erratic, less quantity which is about approximately 12-15 MGD. This is step to effective utilization of the waste and treated water to preserve the natural resource and sustainability. This pipeline network will be taken with the close coordination between NDMC and DJB. The required budget will be finalized in the R/E on the actual estimate preparing by the civil water supplying.

13.9 Smart Irrigation

NDMC realizes the value of water as a resource and believes in utilizing the same efficiently. Now it is intended to further use them intelligently with the help of smart irrigation technology to save water. A pilot for the same would be taken up in FY 2021-22.

In the coming year, NDMC proposes to spend a sum of ₹ 126.84 Crore towards horticultural activities out of which ₹ 13.35 Crore is for Capital works.

14. Prudent NDMC: FINANCIAL STABILITY

14.1 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.

14.2 Citizen Centric Budget and Untied Funds

Budget of NDMC is prepared keeping in view the improvement of civil amenities of all the citizens in its area. The suggestions from citizens are invited through sending letters to all the residential welfare Association and Market Association besides providing a link on NDMC Website. This year the suggestions from MTA Connaught Place, Sarojini Nagar and RWA Gole Market were received regarding improvement work in their area and the same will be carried out in their area in FY 2021-22. 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 ₹ 10.00 Crore in the year 2021-22 with an objective to provide scope for local initiatives and flexibility for local action by the RWAs/ MTAs.

14.3 Palika Financial Management System

Finance has been the central hub of all activities and systems in NDMC. NDMC had automated a number of systems in the past which need upgradation and transfer to latest technological platforms to make possible a robust and prudent financial system. The existing pay roll system of NDMC was implemented in 1996 and there is further need to keep all the services like, GPF, Pension, Gratuity, NPS etc. under one umbrella for a seamless user experience. In order to have a seamless process flow not only Finance Department, but to other department and public as well, a concept plan for a Unified Financial System, in line with PFMS of Govt. of India will be developed with the help of specialized consultant.

14.4 Pension Fund

Pension Fund Regulations have been prepared and the same was sent for approval of Government of India. Ministry of Law and Justice have vetted the same are expected to be notified in this FY-2020-21. As on 2019-20, NDMC has a corpus of ₹893.03 Crores for this purpose, and ₹200 Crores will be added to this corpus by March, 2021. Provision of ₹450 Crore has been made to transfer in the corpus of proposed Pension Fund during the year 2021-22.

15. CARING NDMC: Employee Welfare

15.1 NDMC takes pride in being a model employer and has always kept employee welfare the foremost priority. Even during Corona times, NDMC came forward and launched a number of initiatives for their welfare already listed earlier.

15.2 Preventive Health checkup

NDMC had extended the annual health check programme to all its employees above the age of 40 years in addition to SafaiSewaks, all of whom are covered under this. This programme will also continue in FY 2021-22.

15.3 Pension Help Desk & Palika Pensioners Day

NDMC is not only careful for its employees but continues to take care of them as pensioners as well. To alleviate their problems, NDMC will operate a Pension Help Desk on first Monday of each month to facilitate pensioners retiring within a year to assist them in filling up all the forms and documents requiring for grant of pension. The help desk will also take complaints from pensioners and resolve them like an ongoing pension adalat. The help desk will be jointly operated by Pension Department, Welfare Department, Establishment and SBI. The help desk will operate under overall guidance of Financial Advisor and coordinated by Welfare Department.

I also propose that first Monday of every month be recognized as Palika Pensioners Day henceforth.

15.4 Palika Samman

In the wake of COVID 19 mitigation, NDMC has realized the potential and commitment of its human resources. It is also well known that an effort well recognized not only boosts the morale of concerned employee but also inspires many others. To keep the spirit of innovation and commitment continuously in flame, I propose to introduce **Palika Samman Scheme** to identify and honour the employees who have not only performed their duties consistently, efficiently and innovatively but have risen above the call of their duties and made contributions to NDMC citizens in turn making NDMC proud. The scheme will include all group B & C employees and identification will be made through a transparent system driven process. I also propose to include RWAs and MTAs under this scheme later.

16. Inclusive NDMC: Protection of Weaker Sections

16.1 Clusters Improvement:

- 16.1.1** The work for repair, maintenance & painting work for DID Camp & BR Camp, Masjid Camp, flying club Safdarjung Airport & JJ Cluster under Safdarjung Flyover have been Completed. Painting work in Arjun Dass Camp, Shankar Camp, Ananat Ram Dairy & Madrasi Camp have been Completed.
- 16.1.2** The work for Repairing to broken / settled drainage system laid for BR Camp JJ Cluster at Mustafa Kamal Attaturk Marg amounting to ₹24,48,827/- has been completed 90%.
- 16.1.3** The work for P/L interlocking paver and improvement of drainage system in JJ cluster BR Camp amounting to ₹ 20, 90,384/ is awarded and completed 60%.
- 16.1.4** Wall Painting in Sanjay Camp towards Electric Sub Station & Vivekananda camp will be completed by January 2021. Wall painting work for BR Camp, DID Camp and Safdarjung Flyover are awarded in R-II Division and for S N Market and Anant Ram dairy are awarded in R-III Division. The wall painting works will be completed by January 2021.

16.2 Comprehensive Cluster Improvement programme

Keeping in view the state of various clusters and in recognition of their rights as equal beneficiaries of municipal services, I propose to start a new comprehensive programme for their development in place of piecemeal projects. This will include provision of sewerage, sanitation and electricity as also façade improvement. The projects will be drawn up for each cluster and will be commenced in FY 2021-22.

17. Resilient NDMC: 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 had proposed in last budget that NDMC may review its disaster preparedness and come up with comprehensive implementation plan and create necessary mitigation mechanism including infrastructure as required. Due to COVID 19 pre occupation I propose to take up the same in next financial year and accordingly allocate ₹ 10 Crore in FY 2021-22. Further, NDMC will create a Disaster Management Group under Secretary, NDMC with concerned members to come up with an action plan and monitor its implementation.

18. 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 had proposed 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. Due to Corona pandemic the project will be taken up in this FY 2021-22, subject to pandemic restrictions.

19. RECEIPTS

19.1 Receipts from Electricity Distribution

The total revenue receipts from Electricity Distribution Strategic Business Unit (EDSBU) have been projected in RE 2020-21 at ₹ 1171.17 Crore as against

actual ₹ 1365.10 Crore in the year 2019-20. The projections for BE 2021-22 are at ₹ 1398.87 Crore.

19.2 Receipts from Property Tax

We are expecting to collect property tax of ₹ 650 Crore in 2020-21. In the year 2021-22, we plan to collect ₹ 710 Crore. I do not propose any increase in Property Tax rates for the year 2021-22.

19.3 Receipts from Licence Fee from Municipal Properties

The actual receipts in 2019-20 for Licence Fee from municipal Properties stood at ₹ 467.75 Crore. The projections for RE 2020-21 are at ₹ 554.96 Crore and BE 2021-22 are at ₹ 639.13 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 for their relentless services to the cause of making New Delhi area clean, green and aspirational to live.

I would not only thank but express my gratitude to all in NDMC who braced the challenge of Corona epidemic and continued municipal services uninterrupted, at times at their personal risk and deserved to be called Corona Warriors. We all salute those who lost their lives as Corona warriors and assure to maintain the same level of commitment as they have established.

Thank you very much.

Jai Hind.