

## SURVEY & STATISTICS

The Plan Scheme of Dte of Economics & Statistics, Department of Information Technology and Municipal Corporation of Delhi are included in this sector. Department / Scheme wise details are given as under: -

### **A. Directorate of Economics & Statistics**

Directorate of Economics & Statistics (DES) is the Nodal Office of Government of NCT of Delhi for collection, compilation and dissemination of statistical data. DES also functions as the Office of the Chief Registrar of Births & Deaths and ensure that provisions of Registration of Births & Deaths Act, 1969 and the rules made there under are implemented by local bodies i.e. Municipal Corporation of Delhi (MCD), New Delhi Municipal Council (NDMC) and Delhi Cantonment Board (DCB). Further, DES is also a Nodal Department for Population Census in Delhi.

The main activities of this Directorate include compilation of State Income, Index of Industrial Production, Socio-Economic Surveys under NSS rounds, collection of wholesale and retail prices for compilation of State Income and CPI by DES and Labour Bureau respectively. DES has kept its publications and data on the website of Government of Delhi for the benefit of users.

### **Strengthening of Directorate of Economics & Statistics (Rs.20.00 Lakh)**

An outlay of Rs.20.00 Lakh for Annual Plan 2008-09 have been approved for strengthening the Directorate of Economics & Statistics in respect of the following schemes:

1. Modernization, computerization and publicity of Civil Registration System in Delhi
2. Model Registration Scheme
3. Printing of Publications
4. Strengthening of EDP Unit
5. Incentive to the officials engaged in survey work and respondents helping in canvassing of various schedules

### **B. Department of Information Technology (Rs.1000 Lakh) Revenue [Rs.500 lakh] & Capital [Rs.500 Lakh]**

The following Plan Schemes have been included in the Annual Plan 2008-09 keeping in line with achieving the vision and mission of the department as defined above.

### **1. Direction & Administration (Rs.62 Lakh)**

The Department of Information Technology was set up in 1998 .The IT Department has also become Cadre controlling authority of "**IT Cadre**" officials where in there are 220 posts existing in different departments of Govt. of Delhi.

An outlay of Rs.62 lakh has been approved for this scheme in Annual Plan 2008-09

### **2. Delhi Metro E-Network (Rs.85 Lakh)**

Following activities/ projects are covered under this scheme:-

- a) **Local Area Network (LAN):** On the existing LAN various centralised applications like File Monitoring System, Letter Monitoring System, and Secretariat Attendance System, etc. are running. A State-of-Art server room has also been set up with leased line connecting the Secretariat server to the NIC headquarter from which access to Internet is given to all the offices of the Secretariat.
- b) **Delhi State Wide Area Network (DSWAN):** All the major Department have been connected with the Delhi Sectt with 2 Mbps leased line, Remaining Departments will be connected during the annual plan 2008-09.
- c) **Wi-Fi enabled Delhi:** Wireless hotspots will be setup in various zones of Delhi to make available Internet facility free of cost or on nominal charges. This is to achieve the Digital Delhi vision for Common Wealth Games 2010. Not only information and government services will be provided but also Internet access to the citizens of Delhi, participants and international visitors to the Common Wealth Games 2010 will also be provided. The WI-FI hotspot will be established in the three-four places of Delhi on pilot basis during the year 2008-2009.

An outlay of Rs.85 lakh has been kept during the Annual Plan 2008-09

### **3. Training of Delhi Government Employees in Computers (Rs.25 Lakh)**

The promotion of information and communication requires continuous training for enhancing skill of employees in the emerging technology areas. Govt. employees including employees of Govt. of Delhi, Corporations and autonomous bodies would be trained regularly on usage of tools for day-to-day operations. Following training programmes will be conducted during 2008-09:

a. **Basic computer and office automation training programmes:**

20 computers lab has been established in the department of IT to provide the basic computer training to Delhi Government employees with the assistance of two hired faculties. During the year 2007-08 basic computer training was provided to 700 employees and a target of 900 employees has been kept for the year 2008-09.

b. **Specialized training to IT Cadre Officials**

The emergence of new technology in the field of IT requires training for these IT cadre officials on regular basis. The department proposes to sponsor IT Cadre officials to specialized institutions providing training in new emerging technologies including Database Management, networking, security & application software development tools etc.

c. **E-Learning**

The department proposes to bring computer training on e-Learning platform for employees of different departments spread across Delhi. Computer labs in different departments of Govt. of Delhi will provide basic and specialized training in computers. The department thus proposes to set up an e-learning solution for the above training.

An outlay of Rs.25 Lakh has been kept during the Annual Plan 2008-09

4. **Removing Digital Divide Taking IT to the Masses (Rs.10 Lakh)**

Following activities are to be covered under this scheme

**Digital Library:** The purpose of this project is to have digital library available for citizens of Delhi to augment the existing public library infrastructure. The augmentation will be done by the Art and Culture Department IT Department will provide them technical & financial assistance to achieve the same. Other related projects for taking IT to the masses.

An outlay of Rs.10 Lakh has been kept during the Annual Plan 2008-09

5. **Promotion of IT Applications (Rs. 8 Lakh):**

a. **Exhibitions:** The Department of Information Technology participates in workshops, seminars, and conferences, exhibitions organized by various institutions across the country. IT Department will participate in 2-3 seminars/workshops during the year 2008-09.

**b. Employee Resource Information System (ERIS):** To share the experience gained by officials of different departments of Delhi Government, Knowledge Management Portal system will be setup which will be the Employee Resource Information System. Under this common platform reports, documents, templates, manuals, office procedures, notifications and other day-to-day circulars may be shared . ERIS will provide necessary and useful information to the employees of Government of NCT of Delhi viz., project reports, transfer orders, Delhi Acts, Gazette Notifications, Promotion Orders, New Initiatives, Best Practices, RFPs, agreements . Delhi Government employees will get hotlinks to their Salary, GPF, Attendance and Leave systems. The content on the ERIC will be enhanced during the year 2008-09.

**c. Document Management System:** The Department of Information Technology proposes to implement a document management system to achieve the goal of paperless offices. The document management system will handle intra-departmental communications like letters, memos, notices etc online.

An outlay of Rs.8 Lakh has been kept in Annual Plan 2008-09

**6. Grant of Financial Assistance to Scholars and Researchers (Rs. 12 Lakh)**

Department of Information Technology has given grant to GGSIP University in order to attract scholars to pursue Ph.D and Post Doctoral fellowships in the field of Information Technology and Bio-Technology, to take up teaching or research as a career. The students are selected by a committee of representatives of various Universities headed by GGSIP University of Delhi Government, from among the students pursuing Ph.D. and Post Doctoral Research in the field of Information Technology and Bio-Technology from Delhi University, Jamia Milla University, Delhi College of Engineering (DCE) or Netaji Subhas Institute of Technology (NSIT). The two scholarships will be granted during the 2008-2009.

The department also gives stipend to students pursuing courses in the field of Information Technology and related fields .During the period of in-house training, students develop application software as per the requirement of departments of Government of Delhi . Various departments also propose to get various centralized and other applications developed from technical and educational institutes like DCE and NSIT. Various studies for e-Governance and development of applications proposed by different institutes like FMS & IIMs will also be considered under the scheme for attracting talent in the IT sector. The department proposes to give consultancy and development charges for the projects that they design & develop. 10 students will be selected under this scheme during the year 2008-09.

An outlay of Rs.12 lakh has been kept during the Annual Plan 2008-09

7. **e-Governance Projects and Process Re-engineering Support- Rs 670 Lakh ( Revenue Rs 170 Lakh and Capital Rs 500 Lakh)**

**Citizen Relationship and Grievance Management System – Call Center (CRGMS-CC):** The first Phase of the project has been launched ie the Grievance Management System in 2007-08 and the second phase ie information dissemination will be implemented during the year 2008-09.

a. **Delhi Online (Now Jeevan):** The purpose of making Delhi Online is to setup 1500 Information Kiosks spread all over Delhi to provide Government Information, utility bills payments, challans and other payments through the payment gateway. The payment of utility bills will include payment of electricity bills, DJB Bills, telephone bills, MCD taxes, examination fees for CBSE 10<sup>th</sup> & 12<sup>th</sup> class exam, tuition fee/examination fee for Polytechnics & Engineering colleges under DTTE and for colleges under GGSIPU. The RFP has been issued for the selection of Implementing Agency of Jeevan Project. The project will be Go-live by the Jul'08.

20 Citizen service Centers are to be setup under Jeevan Project to provide all Govt. services under one Roof. These centers will be constructed though DSIIIDC. EFC for Rs.9.04 crore has been approved for this construction work. Total 104 services to be provided. Initially 45 services will be provided by these Centers

**e-Procurement:** The aim of the e-procurement system is to bring the transparency and efficiency in the procurement process. The Department of IT proposes to introduce e-Procurement for making Govt. procurement economical, faster and transparent. E-Procurement is one of the encouraging strategies adopted by trade and industry to reduce overall transaction cost and thus become more competitive. Cabinet has decided to implement e-Procurement solution of DGS&D for the purchasing of goods, services and works using a web based application in a phased manner. The e-procurement will be implemented initially in six Department/Corporations from April 2008 and subsequently, it will be implemented in all the Departments/Corporations in the phased manner.

An outlay of Rs.670 lakh (Revenue Rs 170 lakh and Capital Rs 500 Lakh) has been kept during the Annual Plan 2008-09

8. **Development and Maintenance of Delhi Government Portal (Rs.120 Lakh)**

a. **Content Management System:** The Delhi Government Portal connects all the Delhi Government departments, agencies, autonomous bodies. To manage the content of the existing ninety plus web sites and also make new web sites it is essential to provide for Content Management System. The Content Management System will not only provide one point management of content, consolidation and integration of content but will also provide similar look and feel for different web sites. The project will be

implemented in the year 2008-09, the RFP for selection of vendor is already floated.

**b. Security Audit:** Government portals are always subject to security risks. Department proposes to get audited the Delhi Government Web Portals from competent agencies with respect to security provisions and subsequently improve to secure the portal from hacking, defacing and other security threats. The security audit of all the website of the Delhi Govt will be done during the 2008-09.

An outlay of Rs.120 Lakh has been kept in Annual Plan 2008-09

9. **Digital Delhi – Preparation for Commonwealth Games( Rs 8 Lakh)**

As per the guidelines & instruction of OC of Commonwealth Games, IT Department will work on the action plan on two issues Internet Connectivity and Web portal.

An outlay of Rs.8 Lakh has been kept in Annual Plan 2008-09

**C. MUNICIPAL CORPORATION OF DELHI**

**E-Governance Programme**

**[Computerization of Various Departments of MCD)( Rs. 100.00 lakh]**

**Setting up of Data Centre for Municipal Corporation of Delhi**

MCD is divided into 12 zonal offices and one HQ, which are spread over different locations of the city. It is proposed to create a proper monitoring system and co-ordination to establish the data of these zones can be shared and maintained effectively with the help of computers, which may finally lead to single Window system. MCD has established its own Data Center and services were provided to all the applications of the MCD viz Property Tax HIS,EDIS,E – Tendering etc,

**IT Infrastructure**

To access DATA Center, MCD need IT infrastructure like LAN, Broadband, PC's, servers, printers etc. It proposed to provide LAN in all the important 22 building. LAN Local Area Networking already done at Property Tax Building, Lajpat Nagar, SDN Hospital and Vigilance Deptt., Civil Lines and the LAN work is going on in Kasturba Hospital, Town Hall, RBTB Hospital and MVID Hospital. Besides that lease line will be required from Data Center to the other locations of MCD to access the various software applications.

## **CREATION OF DATABASE OF VARIOUS DEPARTMENTS**

MCD needs to create the database of the records of the various Departments  
Such as:

- i. Digitization of births & deaths records.
- ii. Digitization of properties.
- iii. Digitization of Teha Bazari, Rickshaw puller, Land & Estate etc

### **Setting up Department of Information Technology in MCD & Train to Municipal employee**

Most of the software applications are developed on 3 tier architecture. It is necessary that MCD's employees also have to be trained in Linux operating system, J2EE architecture and Data base administration, so that dependency on outsource agency may be minimized. At present 2 officers from each Deptt. Shall be trained on above architecture.

Beside above the official/officers of MCD should be trained in the basic computer training.

### **Geographic Information System**

TCS in Master Plan 2005 has recommended adopting GIS for various departments of MCD. The function of various departments for which GIS has been recommended are given as under:

**Health Department** :The system will display all hospitals, dispensaries available in a given area, and all facilities provided in a given area. The system will help in tracking the spread of communicable diseases, allow focused queries to be run such as hospital with available beds, nearest health centers for vaccination etc. strengthening disease surveillance to assist in locating cremation grounds, registration sites for births and death, maternity homes and centers, schools, hospitals clinics etc and to facilitate monitoring of programs like rabies control and AIDS control.

HIS started in 3 hospitals. And it will be extended in other hospitals during 2008-09

**Property Tax Department** :The system will have a detailed area map of Delhi Municipal area to help track all the properties in the area and size of the plot. The system will calculate and display property tax due from a property. The system will allow a wide range of queries to be run and should display their results. Queries

like area under MCD jurisdiction, properties not paying property tax etc. should be available on the system. The Property Tax site was launched and about 3 Lakh tax payers availed this facility during 2007-08. During 2008-09 Property Tax system will be upgraded to remove defects in the current system to bring all properties on line.

**Sanitation Department:** The system will show the allocation of safai karamchari in each area. The system will provide details of safai karamchari and safai superintendent responsible for a particular area. The system will help in display the amount of garbage collected in each area, tracking the area to which truck is sent, area from where garbage is collected, amount of garbage deposited at the SLF site, compare total garbage collected and amount deposited at the SLF site and should highlight any discrepancies, planning placement of dustbins and dalhos and construction of urinals to assist in planning the shortest route for trucks for collection of garbage and allocate the nearest petrol filling station and to maintain detailed layouts of drains and *nallahs* in the Delhi municipal area. This will help the department in tracking desalted *nallahs* and those to be desalted.

**Education Department:** The system will show schools run by MCD or aided by MCD and the number of teachers and students in a school.

**Community Services Department :** The system will display the nearest community center when a user clicks on a particular area on the map. Information like address of community halls, category to which it belongs, the charges and deposit amount for community hall and the facilities available in the hall should also be displayed. The system will show whether community hall is available on a particular date or not. Booking details like the date of booking, whom it is booked by (name, address), whether security deposit has been received etc. should also be displayed. The system will display details about the deposit amount received such as whether it has been returned to the booking party on due inspection of the community center property print receipts for booking charges and deposit received and receipt of other facilities provided and to provide information about other activities available at the community center and to.

**Slum & JJ Department :** The system will show land, which is available for various projects like relocation of squatter families, locations where clusters can be relocated and the property that has been allotted and properties that ready for allotment.

**RP Cell:** The system will display the sites allotted to kiosks, parking lots, PCO booths and shops / restaurants and layout plans of the areas on which sites can be allotted or have already been allotted for various purposes.

**Engineering Department :** The system will display the building plans, site maps and design of flyover and other structures to be or already constructed by engineering department and layouts of areas where new construction is proposed and the various localities, streets.

**Architecture Department:**The system will show details of sites, site reports and will display survey reports of surveys carried out in various areas and the designs of various structures designed by architecture department

**Town Planning Department:**The system will display layout plans of different areas and check for conformity with the Master Plan and details of different colonies in Delhi municipal areas, and their categorization as regularized and un-regularized colonies etc.

**Land and Estate Department :**The system will help in maintaining land ownership details, land layout and location details, showing details of cost of acquisition of land and department to which the land has been transferred and the area in which the staff quarters are located, people occupying the quarter and the date on which the quarter will be vacated. Geographic Information System will be capable of capturing, storing, analyzing and displaying data identified according to location. The features of GIS systems will be to assist in analyzing data and deriving relationships between different information and to allow query on location, area, categories etc.

TCS has estimated that an amount of Rs.30,000 to Rs.40,000 per square kilometer will be required for digitizing the data and for conducting the surveys,.

An outlay of Rs.100.00 lakh for the Annual Plan 2008-09 is approved for this scheme.