

CHAPTER – 1 INTRODUCTION

Sub - Divisions - 3	Metro Stations - 31	Male- 652721
Villages - 20	Fire Stations - 11	Female - 520821
JJ Cluster - 80	Police Stations - 24	Child Population - 110595
High Rise Building - 294	Population - 1173902	Sex Ratio - 1000:815
Hotel and Restaurants - 185	Population Density - 10000 & Below per Sq Km	Education Institutions - 275
Literacy Ratio - 88.01%	Disable Population - 2559	New Delhi District Area- 156.70 Sq KM Approx

DDMP Preparation Year: 2008

Last Updated: June - 2022

1.1 District Disaster Management Plan

1.1.1 Aim

The aim of the DDMP is to evolve an effective plan for managing any disaster in New Delhi District.

1.1.2 The objective of the plan and how they are to be achieved

The basic objective of District Disaster Management Plan is to achieve Preparedness, Identify Vulnerability and Mitigate effects of disaster in order to save lives and property, avoid disruption of economic activity and damage to environment and to ensure the continuity and sustainability of development.

These objective can be achieved by establishing necessary systems, structures, resources, capabilities and guiding principles for reducing disaster risks and preparing for and responding to disaster and threats of disaster in New Delhi.

1.1.3 Responsibility for the development of DDMP

As per section- 31(2) of DM Act 2005, the District Plan shall be prepared by the District Authority after consultation with the local authorities.

1.1.4 Authority for the DDMP: Disaster Management Act, 2005

As per section (31) there shall be a plan for disaster management for every district of the State. The District Plan shall be prepared by the District Authority, after consultation with the local authorities and having regard to the National Plan and the State Plan, to be approved by the State Authority.

The District Plan shall be reviewed and updated annually. The copies of the District Plan referred to in sub-sections 31(2) and 31(4) shall be made available to the Departments of the Government in the district. The District Authority shall send a copy of the District Plan to the State Authority which shall forward it to the State Government. The District Authority shall, review from time to time, the implementation of the Plan and issue such instructions to

different departments of the Government in the district as it may deem necessary for the implementation thereof.

1.1.5 Evolution of the DDMP in brief:

Preparation of the District Disaster Management Plan is the responsibility of the District Disaster Management Authority of the district. The first draft plan is to be discussed in the DDMA. The main steps involved in the development of this plan are:

- ◆ Data collection from all line departments
- ◆ Data analysis
- ◆ Discussion with experts
- ◆ Reference of national and international literature
- ◆ Preparation of action plans for all line departments
- ◆ Preparation of draft plan document
- ◆ Mock drill to check the viability and feasibility of the implementation methodology
- ◆ Wide circulation for public and departmental comments
- ◆ Preparation of the final plan document

1.1.6 Stakeholders and their responsibilities

As per section 32 of DM Act 2005- Every office of the Government of India and of the State Government at the district level and the local authorities shall, subject to the supervision of the District Authority -

- (a) Prepare a disaster management plan setting out the following namely:-
 - (i) Provisions for prevention and mitigation measures as provided for in the District Plan and as is assigned to the department or agency concerned;
 - (ii) Provisions for taking measures relating to capacity-building and preparedness as laid down in the District Plan;
 - (iii) The response plans and procedures, in the event of, any threatening disaster situation or disaster;
- (b) Coordinate the preparation and the implementation of its plan with those of the other organizations at the district level including local authority, communities and other stakeholders;
- (c) Regularly review and update the plan; and
- (d) Submit a copy of its disaster management plan and of any amendment thereto, to the District Authority.

1.1.7 How to use the DDMP

Plans will work only in the case when present organizational structure is responsible to its non-emergency duties i.e. if a job is done well everyday; it is best done by that organization during emergency.

- ◆ Crisis should be met at the lowest and most immediate level of government. Plans call for local response supplemented if necessary, by the next higher jurisdiction.
- ◆ Voluntary response and involvement of the private sector should be sought and emphasized. The emergency management partnership is important to all phases of natural and man-made disasters.

1.1.8 Approval Mechanism of the plan: Authority for implementation

As per Section 31(2) of the Disaster Management Act 2005, there shall be a plan for disaster management for every district of the State. The District Plan shall be prepared by the District Authority, after consultation with the local authorities and having regard to the National Plan and the State Plan, to be approved by the State Authority which is headed by Lt. Governor of Delhi.

1.1.9 Plan review and updation: Periodicity

As per Section 31(4) The District Plan shall be reviewed and updated annually. Also, As per Section 31(7) The District Authority shall, review from time to time, the implementation of the Plan and issue such instructions to different departments of the Government in the district as it may deem necessary for the implementation thereof.

1.2 District Profile

1.2.1 Historical background

District New Delhi lies in the heart of the capital city of India. Historically it was planned by Sir Edwin Lutyen in a geometric pattern, over a triangular base, which had three major functions at its apex., viz. Commercial, governmental and recreational: Connaught Place, Government Complex (Viceroy Place and secretariat) and the India Gate are the respective centres of these major activities. The Connaught Place was conceived as the city centre, which was located in geographical centre of the old and New Delhi, a link between two. Railway station was laid adjacent to it to cater to the region. Towards the south east of the Connaught Place and along river Yamuna, India Gate, National Stadium and recreational activities were planned. The Government Complex was planned towards the south west of Connaught Place. A monumental grid, known as the central Vista, linked the India Gate and Government Complex. Logically, the India Gate, symbolic city gate was planned on the river side, while the capital complex dominating the skyline was placed at the Raisina Hill. A hexagonal grid provided visual. Continuity of the, city with the ancient monuments, like Purana Qila, Jama Masjid, Safdarjung Tomb, Ferozshah Kotla, Lodhi Tomb, Humayun Tomb etc. The new Capital covering about 1300 ha of land was carefully placed between two natural features of the site viz. River Yamuna on the East & the Aravali ridge towards the west. Though most of the New delhi is preserved as it is, only parts that have changed is the coming up of multi storey buildings in Connaught Place and new government complexes around India gate. New Delhi being a strategic political, cultural, social, and environmental image of the city needs careful planning to preserve its character

1.2. 2 Demography

New Delhi District is one of the 11 districts of the NCT of Delhi that has been reorganized from 19th September, 2012 when Delhi was divided into Eleven Revenue Districts. Prior to that, there used to be only nine districts for the whole of Delhi with its district head quarter at 5, Sham Nath Marg. New Delhi District has 3 subdivisions, 20 villages, 24 police stations. New Delhi District is having population 1173902 persons (8% of entire Delhi's population) and Population density of 10,000 per square kilometer as per census 2011 (Fig. 2.1). Literacy Rate of district is 88.01 % highest in state (Fig. 2.2) New Delhi is predominantly an urban area (Fig. 2.3). Sex ratio of New Delhi district depicts 815 females per 1000 males (Fig. 2.4). Per Capita income of Delhi for 2012-13 is 201083 whereas for India it is 68757 (Source - DELHI STATISTICAL HAND BOOK 2013)

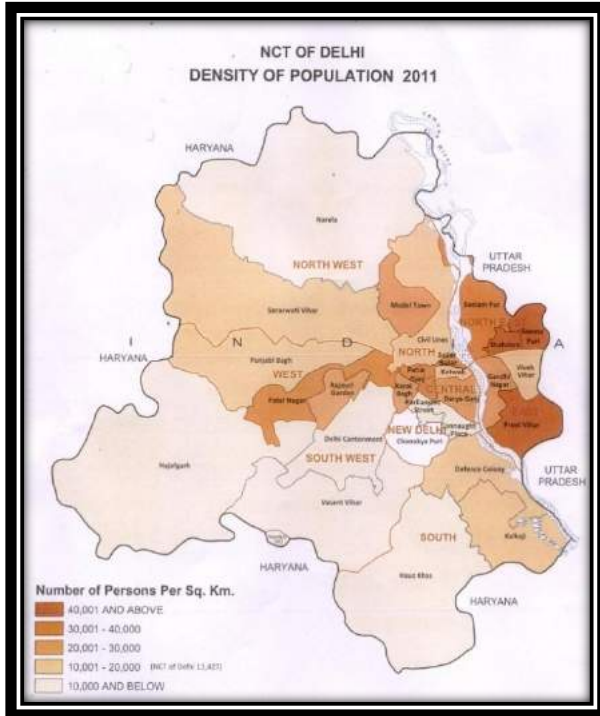


Figure 1.1 Density of Population in Delhi

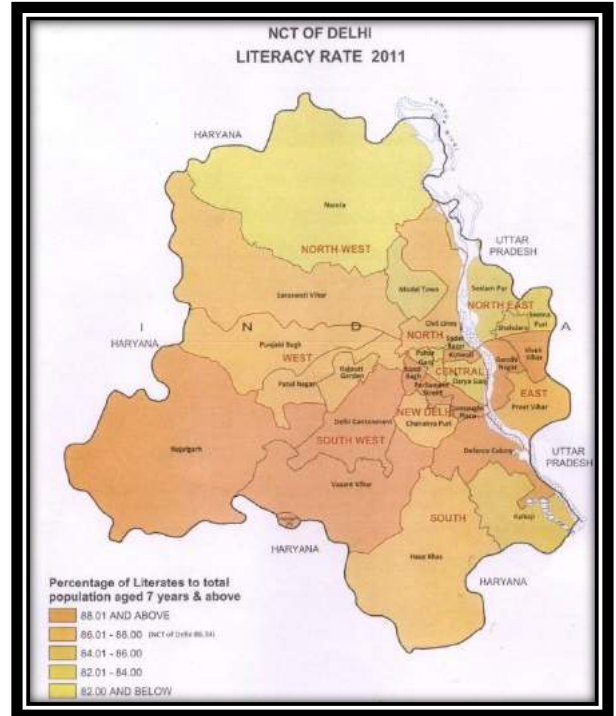


Figure 1.2 Literacy rate of Delhi

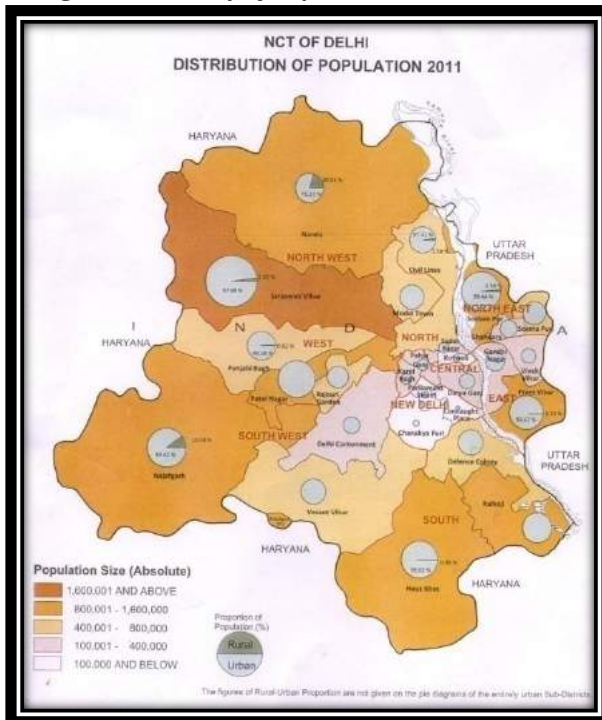


Figure 1.3 Distribution of Population in Delhi

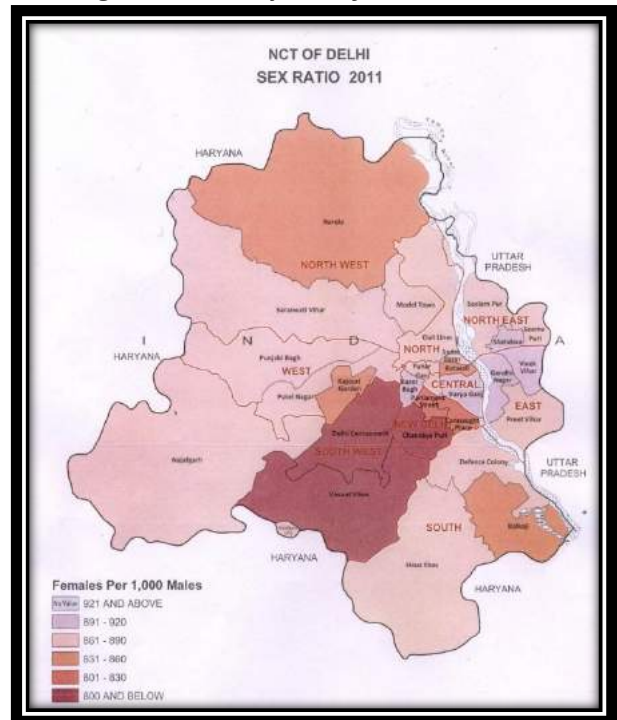


Figure 1.4 Sex Ration in Delhi

Source - Census 2011

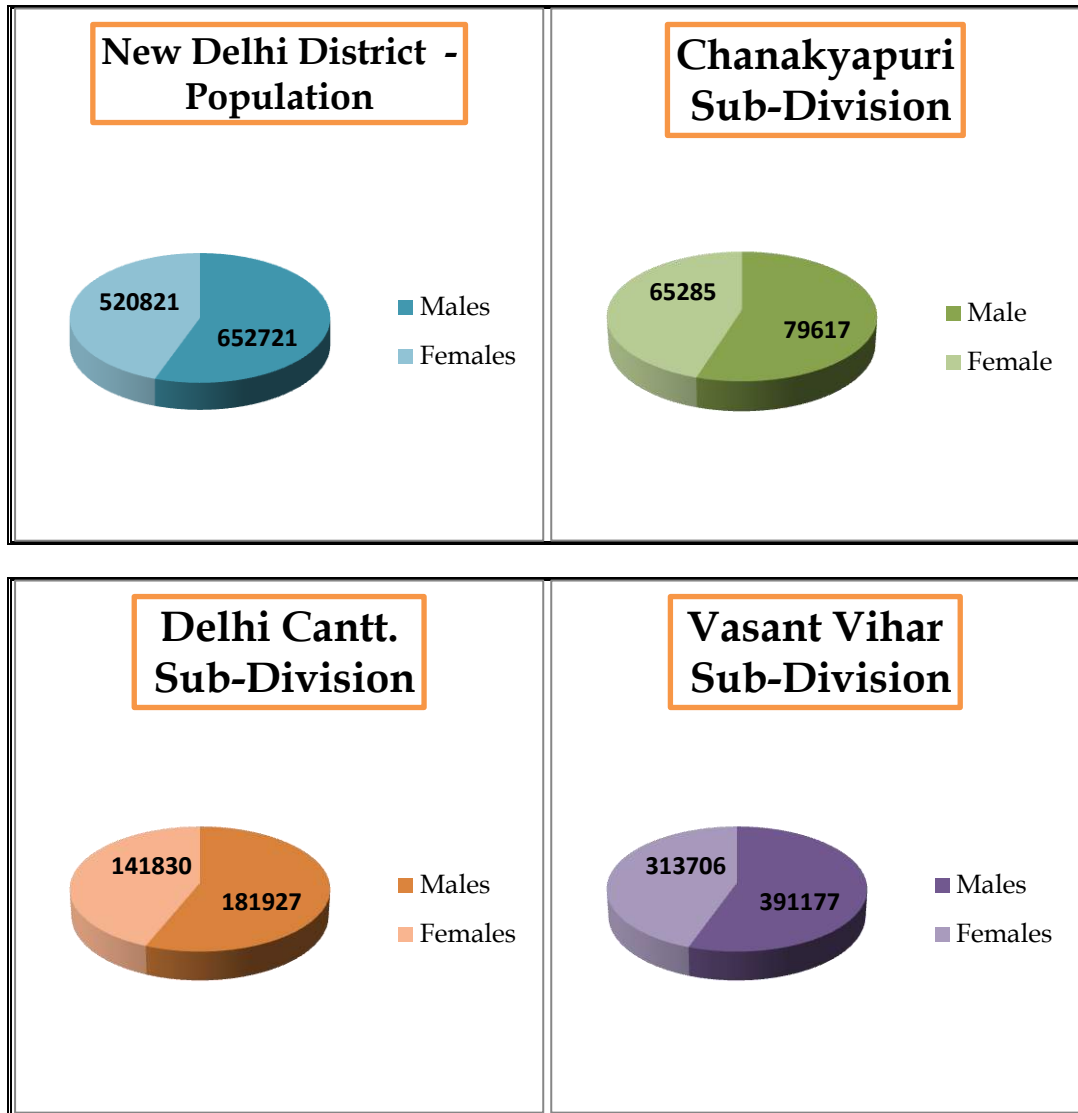


TABLE 1.1: NEW DELHI DISTRICT DEMOGRAPHIC PROFILE (SOURCE DIRECTORATE OF ECONOMICS AND STATISTICS)

Population(as per Census 2011)	1173902
Population Decades Growth(2001-2011)	0 %
Density of Population	10,000 & below per sq. km (2011)
Literacy Rate	88.01% (2011)
Male - Female Ratio	1000 : 815 (2011)

ADULT POPULATION DATA

Sub Division	Total Rural & Urban	Population			Sex Ratio
		Persons	Males	Females	
Chanakya Puri	Total	133713	73846	59867	811
	Rural	--	--	--	--
	Urban	133713	73846	59867	811
Delhi Cantt.	Total	292614	165031	127583	773
	Rural	--	--	--	--
	Urban	292614	165031	127583	773
Vasant Vihar	Total	636980	354667	282313	796
	Rural	--	--	--	--
	Urban	636980	354667	282313	796

CHILD POPULATION DATA (0-6 YEAR)

Sub Division	Total Rural & Urban	Population			Sex Ration
		Persons	Males	Females	
Chanakya Puri	Total	11549	6131	5418	8.64
	Rural	--	--	--	--
	Urban				
Delhi Cantt.	Total	31143	16896	14247	10.64
	Rural	--	--	--	--
	Urban				
Vasant Vihar	Total	67903	36510	31393	10.66
	Rural				
	Urban				

LITERATE AND LITERACY RATE DATA

Sub Division	Total Rural & Urban	Literates			Literacy Rate		
		Persons	Males	Females	Persons	Males	Females
Chanakya Puri	Total	109195	63005	46190	89.38	93.04	84.83
	Rural	--	--	--	--	--	--
	Urban	109195	63005	46190	89.38	93.04	84.83
Delhi Cantt.	Total	231024	136772	94252	88.36	92.33	83.16
	Rural	--	--	--	--	--	--
	Urban	231024	136772	94252	88.36	92.33	83.16
Vasant Vihar	Total	504233	295288	208945	88.61	92.81	83.27
	Rural	--	--	--	--	--	--
	Urban	504233	295288	208945	88.61	92.81	83.27

1.2.3 Location

The latitudinal and longitudinal location of Delhi are 23.38 degree north and 77.13degree east. New Delhi District lies in Zone D according to Master Plan of Delhi 2001(DDA Zone). This area lies in the southeast part of the city. It is surrounded by Central District i.e. Shahjanabad, Old Area in the North, and on the eastern side it is

NazulLand. Then towards Southeast and south, it has South District, which has all new construction, Big Shopping Areas etc. On the Western and Southern side it is has South West District.

1.2.4 Area

The area of New Delhi District includes Cantonment area, Vasant Vihar, IGI Airport, the seat of Central Government, Rashtrapati Bhawan, the Prime Minister's office and residence, Central Government office, Foreign Missions, residences of Ministers, Members of Parliament, Diplomats and Central Government employees.

1.2.5 Climate

The climate of the Delhi region is semiarid type, with three well defined seasons. The cold season begins at the end of November and extends to February, rainy season starts in early July and continues upto September. The hot summer extends from the end of March to the end of June.

1.2.6 Rainfall

Rains always come to Delhi a little later than predicted. There are bouts of rain during early July or maybe very late June. The monsoon finally catches on in the end of July. Depends from year to year, but rainfall is sufficient, torrential sometimes. The monsoon are around till about middle August generally and till about early September for a year with good monsoon.

TABLE 1.2 CLIMATE DATA FOR DELHI SOURCE: INDIAN METEOROLOGICAL DEPARTMENT, PUNE (2010)

CLIMATE DATA FOR DELHI													
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	No v	Dec	Year
Record high °C (°F)	25.4 (77.7)	29.2 (84.6)	35.6 (96.1)	40.4 (104.7)	45.1 (113.2)	45.3 (113.5)	41.2 (106.2)	38.6 (101.5)	38.2 (100.8)	35.8 (96.4)	33.8 (92.8)	27.5 (81.5)	45.3 (113.5)
Average high °C (°F)	20.3 (68.5)	24.8 (76.6)	30.9 (87.6)	37.6 (99.7)	40.1 (104.2)	38.5 (101.3)	36.1 (97)	34.6 (94.3)	34.1 (93.4)	33.3 (91.9)	28.5 (83.3)	23.2 (73.8)	31.83 (89.3)
Average low °C (°F)	7.5 (45.5)	10.8 (51.4)	15.9 (60.6)	21.9 (71.4)	25.9 (78.6)	27.3 (81.1)	27.5 (81.5)	26.8 (80.2)	24.8 (76.6)	19.7 (67.5)	13.3 (55.9)	8.6 (47.5)	19.17 (66.48)
Record low °C (°F)	-6.7 (19.9)	-5.2 (22.6)	0.4 (32.7)	3.3 (37.9)	10.7 (51.3)	13.3 (55.9)	16.0 (60.8)	13.8 (56.8)	11.0 (51.8)	4.6 (40.3)	-1.1 (30)	-6.1 (21)	-6.7 (19.9)
Precipitation mm (inches)	20.3 (0.799)	15 (0.59)	15.8 (0.622)	6.7 (0.264)	17.5 (0.689)	54.9 (2.161)	231.5 (9.114)	258.7 (10.185)	127.8 (5.031)	36.3 (1.429)	5 (0.2)	7.8 (0.307)	797.3 (31.391)
Avg. precipitation days	1.7	1.3	1.2	0.9	1.4	3.6	10.0	11.3	5.4	1.6	0.1	0.6	39.1
Mean monthly sunshine hours	213.9	217.5	238.7	216.0	263.0	198.0	167.4	167.6	219.0	269.7	246.0	217.3	2,634.1

1.2.7 Water

- a) Water Table. Southern part of the district(Chanakyapuri area) has low water table. This indicates high extraction of ground water in the area and low SBC. Hence there is higher danger of building collapse in this area.
- b) Water Quality. Ground water quality in ND district is good (BOD - 0 mg/l, COD - 10 - 15 mg/l and TDS 1 < 100 mg/l). It is better in the areas closer to the ridge. The quality goes down as we move away from the ridge toward the east (YamunaRiver).
- c) Drinking Water Sources Main drinking water source is Wazirabad, Hyderpur and Chandrawal Water Treatment Plant which supplies water of Yamuna after treatment.
- d) Rivers/Nalas: There are small Nalas which get flooded during monsoons.

1.2.8 Land Use Pattern

TABLE 1.3 UTILISATION OF LAND IN DELHI (IN HA)

2012-2013	2013-2014(E)	CLASSIFICATION
147488	147488	1. Area according to Village Papers (Excluding Forest Area)
91058	92701	2. Area not available for Cultivation
75054	76218	2 (a) Land put to Non - agricultural Uses
16004	16482	2 (b) Barren Uncultivable Land
11144	11124	3. Other Uncultivated land excluding fallow Land
61	61	3(a) Permanent Pastures and Other Grazing land
1190	1170	3(b) Land under Misc. Tree crops and groves not included in net area sown.
9893	9893	(c) Cultivable waste land

NOTE ;-(E) =ESTIMATED (SOURCE - DELHI STATISTICAL HAND BOOK 2013)

- e) Land Holding Pattern. The Landholding pattern of New Delhi District is given at Figures 1.5, and 1.6.

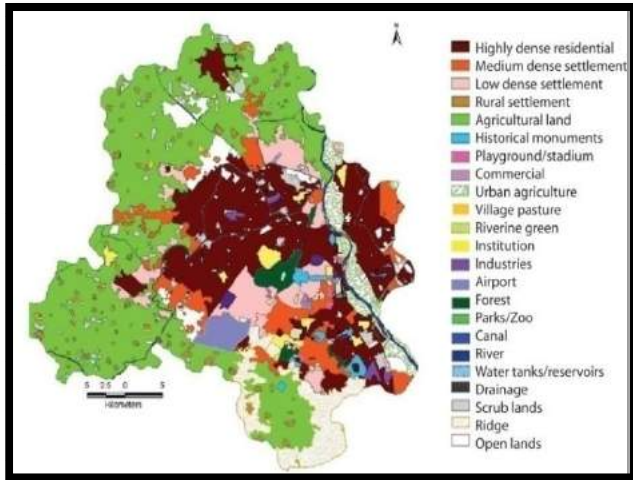


Fig. 1.5 Land use pattern of Delhi
(Source www.spie.org)

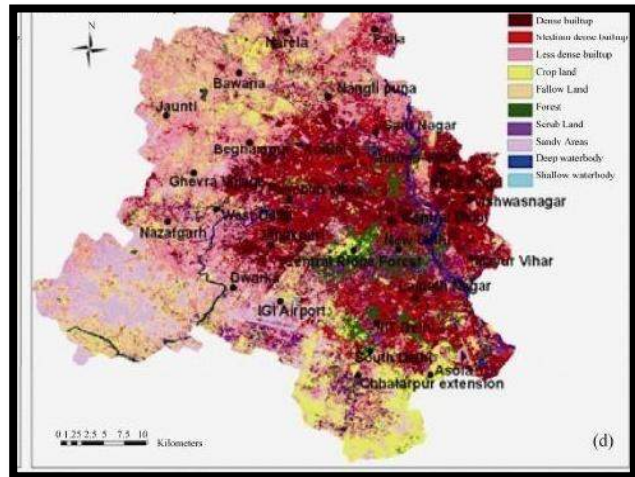


Fig. 1.6 Land use pattern of Delhi
(Source www.spie.org)

1.2.9 Economic Activity

The main economic activity of district is Retail Trade, Manufacturing, Construction, Repair of M/V & M/C and personal and household goods, Electricity, Gas & Water, Restaurants & Hotels, Transport & Storage, Communications, Financial, Insurance, Real estate & Business services, Community, Social, Personal Services & Others. (SOURCE - DELHI STATISTICAL HANDBOOK 2013)

1.2.10 Infrastructure Details

- a) Critical Establishments: - There are many critical establishments in the district. Some of them are The Presidents House, PMO's office and residence, Parliament, Supreme Court, Offices/Head quarters of many ministries/Government Organisations (including Armed Forces), IGI Airport, IOCL Fuel Depot, Foreign Missions, and residences of Ministers, Members of Parliament, Diplomats and Central Government employees.
- b) Roads: - The area is crisscrossed with many important and good quality roads like NH -8 and MG Road (Ring Road). Roads are wide enough to give access to relief vehicles like Fire Tenders, water tankers, Ambulances and PCRs.
- c) Railway/Metro Network: - Delhi Cantt Station is important Railway Stations in the Area. There is extensive network of DMRC with 13 Metro Stations falling in New Delhi District including important junction metro stations like Rajiv Chowk and Central Secretariat.



Fig. 1.7 Metro Network (Source DMRC Website)

✦ Represents metro stations in New Delhi District:-

- d) **Commercial Centers**:- Connaught Place, Khan Market, Promenade mall, Vasant Square Mall, Ambience Mall, Priya PVR etc.
- e) **Industries**: - Mayapuri Industrial Area and Naraina Industrial Area are two important Industrial areas of the country.
- f) **High Rise buildings**: - There are 239 high rise buildings spread across New Delhi District with Chanakyapuri subdivision housing maximum number of high rise buildings (178).
- g) **Sports Infrastructure**: - New Delhi District houses stadiums like - Major Dhyanchand National Stadium, Talkatora Indoor Stadium, SPM Aquatic Centre, Shivaji Stadium and Vasant Kunj Sports Complex.

CHAPTER – 2

HAZARD, VULNERABILITY, CAPACITY AND RISK ASSESSMENT (HVCRA)

Hazards - Earthquake, Fire, Terrorist Attack, Building Collapse, Epidemics, Road Accident

2.1 Hazards

INCIDENTS IN NEW DELHI DISTRICT FROM
1ST APRIL 2021 TO 16TH JUNE 2022 (FIGURE 2.1)

Fire Incident	:	230
Unknown Bag	:	52
Mock Drill	:	39
Bomb Blast	:	02
Road Accident	:	05
Other (Tree Fall, Building Collapse, Haox Call etc)	:	125

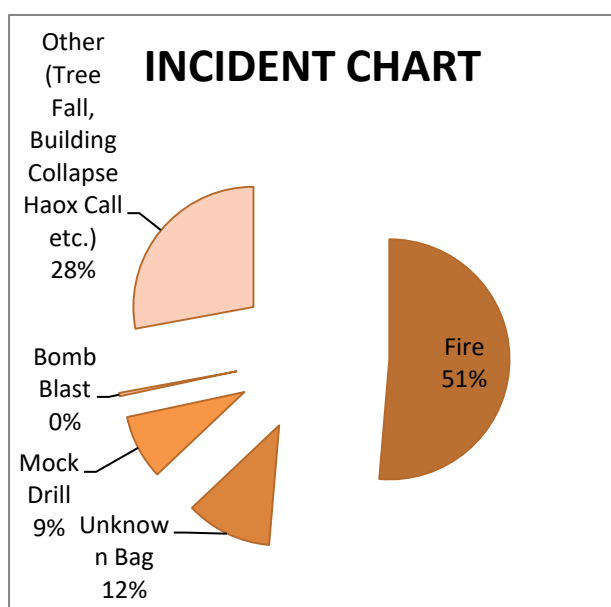


Fig 2.1 {1ST April 2021 to 16th June 2022 (Incidents in NDD)

Hazard. It is defined as “Phenomena that pose a threat to people, structures or economic assets and which may cause a disaster. The Disaster could be either man-made or naturally occurring”.

Vulnerability. It is defined as “the extent to which a community, structure, service or geographical area is likely to be damaged or disrupted by the impact of particular hazard, on account of their nature, construction and proximity to a hazardous terrain or disaster prone area.

Disaster. It is the product of a hazard coinciding with a vulnerable situation, which might include communities, cities or villages.

Risk. It is defined as the probability or threat of quantifiable damage, injury, liability, loss, or any other negative occurrence that is caused by external or internal vulnerabilities, and that may be avoided through pre-emptive action.

The types of Hazards, their risks and the vulnerability level related to them are given in brief in the **Table 2.1**.

TABLE 2.1: TYPES OF HAZARDS, RISKS & VULNERABILITY

S.No.	Hazard Risk	Hazards	Who/ What is at risk	Vulnerability
1	High Risk Hazards	Earthquake	Human Life, House and property, Slums, Community Infrastructure	High
		Fire	Human Life House and Property	
		Terrorist Attack	Human Life House and Property	
		Building Collapse	Human Life House and Property Community Infrastructure	
		Industrial Hazards (Chemical, Biological, Radiological & Nuclear Disaster)	Human Life Environment & Eco-system Economy	
		Road Accidents	Human Life, Road Side	
2.	Moderate Risk Hazards	Rail Accidents	Human Life, Rails, DMRC Infrastructure,	Moderate
		Air Accidents	Human Life, Airplane, Infrastructure	
		Wind Storms (Tree fall)	Human Life, Property, Infrastructure	
3.	Low Risk Hazard	Religious riots	Human Life, Community Infrastructure,	Low
		Flood	Transport, Houses, Constructions, Drinking Water, Equipments, Educational Institutions , Slum dwellers, Vulnerable Groups	
		Drowning	Human Life, Slum Dwellers	
		Epidemics	Human Life, Animals, Vulnerable sections	

2.1.1 Natural Hazards

a) Earthquake

ND District lies in Seismic Zone IV. As per the Liquefaction Zonation Map of Delhi (Figure 2.2), the ND District falls in the area where there is no likely liquefaction during an Earthquake. However the area, frequently experiences mild seismicity. An earthquake of magnitude 7.0 on the Richter scale, once considered hypothetical, is today a very much possible. Many high rise structures have come up in the area (especially around the commercial areas of CP and the Government Offices Complex). Many more such structures are coming up. An Earthquake of more than 6.5 Magnitude on the Richter scale could cause intense damage in more than 50% of the area. A bigger Earthquake would result in much larger damage. People living in JJ Clusters, High Rise Buildings and in buildings constructed without incorporating Seismic Protections are more vulnerable. Hence it has become imperative to gear up to the earthquake scenario of the district and increase awareness of earthquake resistant techniques amongst all executives, developers/builders and the entire population.

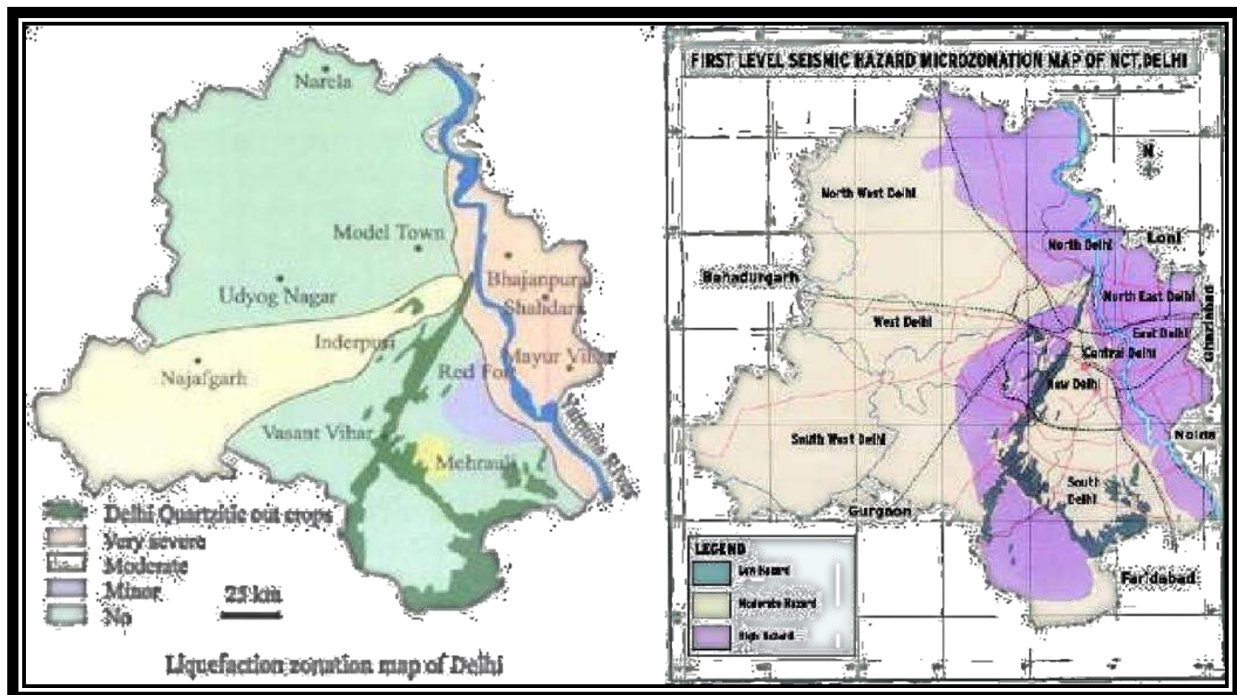


Figure 2.2 Liquefaction Zonation Map of Delhi. (Source BMTC Vulnerability Atlas)

b) Flooding.

Delhi has been experiencing flooding of certain areas in every monsoon. In ND, urbanization has led to developed catchments, which increases the flood peaks flood volumes. As a result, flooding occurs very quickly, sometimes in a matter of minutes. Many encroachments have come up alongside rivers and watercourses. The flow of water has increased in proportion due to the urbanization of the watersheds. The natural drains have not been widened to accommodate the higher flows of storm water. On top of this, the encroachments are clogging the natural drains and the river flood plains decreasing their capacities. Improper disposal of solid waste (domestic, commercial and industrial waste) and

dumping of construction debris into the drains also contributes to reducing their capacities. This is resulting in the flooding during monsoons. Floods disrupt the daily life in the city. Roads are blocked; people can't reach offices/homes/schools. The economic damages are high but the number of casualties is usually very limited, due to low level of flooding. The people living in JJ Clusters and encroachments along the drains are most vulnerable.

c) Storms.

Delhi has been witnessing storms during which the wind speed goes upto 100 Kmph. This is followed by heavy rains. The storms in the month of April -June are increasing with every year. One of the storms in June 2014 resulted in uprooting of 1000 trees and loss of four lives. Many overhead power lines get snapped/tangled. One such incident during the month of June 2014 resulted in disruption of Metro Rail Traffic. During such storms, the telephone lines get snapped, the fallen trees block the roads resulting in disruption of traffic. Hence the Storms are turning out to be a disaster for which concrete preparedness measures must be taken. The areas which have many old trees are vulnerable to loss/damage during such storms. Also the J.J. Clusters and other areas where people live in temporary structures are at risk.

2.1.2 Man Made Hazards.

a) Terrorist Attack (Chemical and Biological Attacks, Bomb Threats)

Delhi being the capital of the country is a lucrative target for terrorist. There have been many terrorist attacks that have caused many injuries, loss of many lives and huge loss of property. ND District is the location for the President, PM and many other VIPs. Hence these areas are very vulnerable to terrorist attacks. Areas like Presidential Estate and Embassy area in Chanakya Puri are high security zones where infiltration will not be easy. However, the 2001 Terrorist attack on the Parliament is still fresh in everyone's memory.

In CP thousands of people work, so they come and go daily. Hence it is very difficult to maintain security in the area. Such areas are soft targets for terrorists. Most of the residential areas in the district house the prominent people of Indian politics and financially influential people. These areas have their own security arrangements which are managed by the RWAs.

The entire VIP area, the Commercial Complex of CP, Government Offices Complex, various Stadiums, Railway Stations, Delhi Metro Station, IGI Airport and IOCL Fuel Depot are very vulnerable to Terrorist attacks.

b) Fire

Fire Accidents are the most common disaster in the ND district. These have high risk and damage potential. These are mostly man-made disasters caused by negligence, poor maintenance or sabotage.

Fires cause loss of life, injuries and loss of life. Increased usage of electricity, LPG and hazardous chemicals has resulted in increase of the fire hazard potential. The number of Fire incidents increase drastically during summers due to increase in the usage of Air Conditioners which lead to overheating of cables and other electrical components leading to Short Circuiting.

Also during summers all the combustible material is dry and catches fire with relative ease. Chanakyapuri subdivision is one of the places from where maximum percent of calls of fire incidents have been received. Most of causes have been electric short circuiting.

Hence there is a requirement of incorporating and maintaining adequate fire safety measures in all building/premises. These measures along with an effect active Fire Service.

Department can greatly reduce the Fire Risk. Fire risk in the district is more prominent in the following areas:-

- i. Multi-Storeyed Buildings.
- ii. Commercial Complexes.
- iii. JJ Clusters.
- iv. IOCL Fuel Depot near IGI Airport.
- v. IGI Airport
- vi. Mayapuri and Naraina Industrial Areas.
- vii. Natural Gas pipeline.
- viii. Parliament, Supreme Court & other important building.

c) Building/ Structure Collapse

Due to the large construction activities and the infrastructure/Real estate boom, many structures have come up especially over the last two decades weak and poorly constructed building structures are susceptible to collapse leading to death of people in it. The risk increases during Earthquakes and monsoons. From the point of view of the building structure the district New Delhi can be divided into following categories:-

Low Rise Bungalows: - The bungalows housing where the most prominent people of the country live and important offices are also situated were built during the British rule. These constructions are of old vintage and have crossed their age limit. Many of these buildings require renovation and retrofitting.

High Rise Commercial Buildings: - The high-rise buildings in which Seismic Protection have not been incorporated and which have not been constructed based on framed structure are very prone to Collapse.

d) Road Accidents.

Over the years, the number of vehicles in ND District has increased manifolds. The Road infrastructure has been improved in many places. This has led to increase in the speeds of the vehicles. This leads to many accidents. But most of these accidents involve one or two vehicles. The areas prone to Road Accidents are as under: -

- (a) NH-8.
- (b) Roads leading to Airport and to Daula Kuan/Dwarka.

The number of vehicles in the District has increased manifolds. The road infratructure has also been upgraded in most of the places of the district. The ND District boasts of one of the

best Road infrastructure in India. However due to the number of vehicles the roads get overloaded especially during the rush hours. Besides the roads of interiors, the main arterial road also gets clogged during these times. Making the Delhi -Gurgaon Expressway Toll Free has led to increased traffic congestion after the Road coming from IGI Airport meets this Road. This is also a Disaster which affects the lives of many people who regularly get caught up in such traffic congestion.

e) Rail Accidents.

The chance of Rail Accidents on the Indian Railways network is less as the speeds of the trains on this route is reduced on entering Delhi. However adequate precautions must be taken to avoid such accidents. The Trains plying on the DMRC network (including the Airport Metro Line) run at high speed. Hence there are always chances of accidents in case of any failure of any system or the track. Adequate safety measures have been incorporated by the DMRC to prevent such incidents. A trend of suicides/attempted suicides by jumping in front of approaching Metro Train is emerging. This has led to many deaths/injuries. Due to the speed of the approaching Train, the Train Driver does not get adequate reaction time to stop the train and prevent such incidents. One solution is to reduce the speed of the train entering the Platform to such a level which gives adequate reaction time to the driver to stop the train in case someone jumps/falls in front of the train.

f) Pollution

Delhi is one of the most polluted cities of the world. The pollution of Air, Water and Soil has taken a heavy toll on the City and there are many new cases of various diseases which are due to this pollution.

Air Pollution: The increase in vehicular traffic and other industrial activity has led to increase in the Air Pollution. The Air Pollution is found to be more in the areas which are closer to main roads.

Water Pollution: Many pollutants are leaching into the ground water and contaminating the ground water. The areas of Landfill and the industrial areas of Naraina and Mayapuri are most vulnerable areas.

g) Nuclear Disasters

The threat of Nuclear Disasters is low due to international community preventing use of Nuclear Weapons and stringent safety measures being incorporated and advancement in science/technology. However the ND District being a sensitive district housing many VIPs, is most vulnerable as compared to other parts of the country. Nuclear Disasters can occur in the following two ways.

Deliberate Action. An act of nuclear terrorism by use of or use of Nuclear Weapon by a hostile country.

Accidents. This includes accidental release of nuclear radiations from the facilities using nuclear material, transportation accident and unsafe disposal of radioactive waste material.

h) Chemical Disasters.

A chemical disaster may take place due to accidental leakage from a facility, accident during transportation of hazardous material through population centers or due to indiscriminate use of chemical agents (siren, chlorine, sulfur, mustard gas, hydrogen cyanide etc.

i) Biological Disaster

A biological disaster is the disaster which causes sickness/fatalities in human beings/ animals on a large scale, when they come in contact with a biological hazard which may be in form of living organism such as, bacteria, virus, fungi, etc. Destruction of crops and plantation also is a biological disaster.

The threat of Biological Disaster has existed with human society since primitive days. Due to rapid advancement in medical sciences, the impact and frequency of such disasters have reduced to great extent.

All communicable diseases, either of human beings or livestock are potential biological disaster. They spread widely; affect huge number of people in communities, sometimes across the geographical limits of provinces and nations. In ND, urban, semi urban and rural population all are vulnerable to biological disasters, though for different reasons and in varying degree. Some of the factors uniformly applicable are:

Factors contributing to vulnerability to biological disaster:-

- (a) Population Growth.
- (b) Poverty .
- (c) Lack of rapid response epidemic control and containment mechanism.
- (d) Low public awareness.
- (e) Poor health and malnutrition.
- (f) Poor state of health care system.
- (g) Congestion in urban areas.
- (h) Bioterrorism.
- (i) Modern means of transport and communication.

2.2 Risk Analysis

Examination of disaster risk is a comprehensive and multi-dimensional approach, which depends on the development related indicators. In this approach it has been argued that the scale of risk in any particular region will largely depend upon its physical setup, socio-economic setup, housing conditions with preparedness and response aspect. Therefore database related to the above-said aspects have been collected at the sub-divisional level of the district. These aspects are further bifurcated in various relevant criteria's to evaluate the overall impact of the particular aspect on the district. Within criteria's there are number of Means of Verifications (MOVs) which are being calculated for every criterion at sub-divisional and district level. The parameters are given at **Table 2.2**.

Database has been gathered from the primary and secondary sources such as reconnaissance, focus discussions, census data and various research studies. Many of the disaster risk aspects related to soil profile, hydrogeology, fire suppression capabilities and medical capabilities etc. requires a special set of database but in lieu of the absence of readily available database within the departments some of the qualitative information has been obtained through the discussions with the various government and research institutions. The composite status of various risks is given at Table 2.3.

TABLE 2.2: PARAMETERS STUDIED FOR RISK ASSESSMENT FOR DISTRICT NEW DELHI

Levels	Elements	Criteria	Means of Verifications (MOV)	New Delhi			
				CHP	DC	VV	AVG
District Level	Topography	Terrain	Slope, Grain of the Ground, terrain features.	2	2	2	2
		Geology	Rocks	Type of Rocks	5	3	4
	Soils		Type of Soil, SBC, Liquefaction	2	2	2	2
	Hydrogeology	Depth of Ground water	Availability of Ground Water	3	3	3	3
	Social & Economic indicators	Population Density	Population Density	3	4	2	3
		Literacy rate	Literacy Rate-Male, Females, Children	4	4	4	4
Local Level	Elements	Slums/ JJclusters/ Unauthorized colonies	Their numbers and Living conditions.	2	2	2	2
		Dwelling Condition	Industrial density	Industrial Density	2	2	2
	Type of Employment activities		Type of Employment Activities Income	1	1	1	1
	Residential Condition		Residential Condition	2	2	2	2
	Occupancy Rate		Occupancy Rate	1	1	1	1
	Quality of Design		Quality of Design	3	3	3	3
	Quality of Construction	Quality of Construction	2	2	2	2	
Quality of Materials	Quality of Materials	2	2	2	2		
District Level	Disaster Management Response Aspects	Community Preparedness	Community Awareness, Capability & Preparedness	4	5	3	4
			Is there a detailed Response Plan available in written format for the City	2	2	2	2

DISTRICT DISASTER MANAGEMENT PLAN (NEW DELHI), 2021 – 22

		Does the plan include inputs from a Multidisciplinary group?	2	2	2	2
		Has the plan been Revised and updated Timely?	2	2	2	2
		Are responsibilities involves various agencies and ensures inter linking at all administrative levels?	2	2	2	2
		Is there any centrally operational control Room	2	2	2	2
		Does adequate manpower and Equipments are available?	1	1	1	1
		Does the plan allow adequate "horizontal" communication and decision-making (i.e., can low-and mid level officials make decisions if higher officials areUnavailable?	1	1	1	1
	Measure & Fire Suppression Capabilities	Is there any standard building damage assessment procedure	1	1	1	1
		Does the city arrange practice drills (periodically) to ensure Its adequate implementation at the time of any disaster?	2	2	2	2
		Measure & Fire Suppression Capabilities	3	3	3	3
		Are fire stations constructed to resist earthquake shaking	1	1	1	1
		Are fire stations well Distributed throughout the city area?	2	2	2	2
	Institutional Capacity (Fire Fighting)	Are there more than 2 fire fighters per 100,000 People?	2	2	2	2
		Are there more than 10 fire fighters per 100,000 People?	1	1	1	1
		Are fire fighter	2	2	2	2

DISTRICT DISASTER MANAGEMENT PLAN (NEW DELHI), 2021 – 22

			adequately trained in fighting fire throughout their career				
			Are fire fighters trained to respond specifically after earthquakes also?	2	2	2	2
		Emergency Medical Capability (special reference to earthquakes)	Are there more than 100 available hospitals beds per 100,000 people(available means not occupied)	1	1	1	1
			Are hospitals and other emergency care centers Well distributed throughout the city or are they clustered in one part of the city?	2	2	2	2
			Is there coordination between all hospitals in the city to manage large numbers of patients during an emergency	2	2	2	2
			Is there an earthquake Resistant communications system that hospitals can use	1	1	1	1
			Are hospitals staffs trained in emergencies procedures such as triage, management, etc?	1	1	1	1
			Is there a system to provide medical care to wound before they reach Hospitals	2	2	2	2
			Is there an ambulance system with at least 5 ambulances per 100,000People?	1	1	1	1
			Are hospitals structures Built to withstand earthquakes?	1	1	1	1
			Have hospitals taken into account non-	1	1	1	1

DISTRICT DISASTER MANAGEMENT PLAN (NEW DELHI), 2021 – 22

			structural safety Measures				
			Do hospitals have an earthquake resistant independent power source	1	1	1	1
			Do hospitals regularly practice mass causality and evacuation drill	1	1	1	1
			Do hospitals have adequate amounts of Emergency supplies?	2	2	2	2

		Transportation and communication facilities	Do all the areas (urban and rural) are well connected through roads, trains and Aircraft?	2	2	2	2
			Do roads and railway System is in good condition?	2	2	2	2
			Are all the buses/trucks/light Vehicles and rails are good condition and available in an adequate amount?	2	2	2	2
			Do transportation authority is well connected to the neighboring states in case of fulfilling the requirements in case of Shortage?	2	2	2	2
			Do all the areas in the region are well connected to the tele-Communication system?	2	2	2	2
			Does the tele-communication ensure its working condition in case of low to medium Level of disasters?	2	2	2	2
			Is responsible department for tele-communication department can				

		establish emergency communication immediately (if needed)				
		Is there well-defined Communication connections through satellite are available in Case of emergency?				

* DATA HAS BEEN COLLECTED FROM VARIOUS PRIMARY AND SECONDARY SOURCES. IN SOME PARAMETERS APPROXIMATE INFERENCE HAS BEEN USED DUE TO LACK OF DATA.

TABLE 2.3: COMPOSITE STATUS OF VARIOUS RISK ELEMENTS FOR DISTRICT

Aspects	Measuring Scale	Mean Values Obtained
Physical Aspects		
Terrain	3	2
Rocks	8	4
Soils	4	2
Depth of Ground Water	3	3
Socio-Economic Aspects		
Population Density	5	3
Literacy Rate	4	4
Slums	4	2
Industrial Density	4	2
Type of Emp. Activity	2	1
Housing Aspects		
Residential Condition		
Occupancy Rate		
Quality of Design		
Quality of Construction	4	2
Quality of Materials	2	2
Community Preparedness	8	4
Search & Rescue Capabilities	20	16
Fire Suppression Capabilities	4	3
Institutional Capacity of DFS	13	10
Medical Capabilities	26	16
Transportation and communication facilities	16	13

DISASTER PREPAREDNESS AND RESPONSE AT VARIOUS LEVELS

NOTE: THE MEAN VALUES HAVE BEEN OBTAINED BY CALCULATING ALL THE CRITERIA'S AT SUB-DIVISIONAL LEVEL AND THIS COMPOSITE STATUS HAS BEEN DERIVED. THE SCORING SCHEME HAS BEEN GIVEN IN THE ANNEXURE I

2.2.1 Risk Assessment for the District

Four broad aspects namely physical, socio-economic, housing and response are being

studied according to their MOVs. Each MOVs add to the risk levels and the present risk assessment provides the breakup of how the mix of factors contributes towards district’s vulnerability.

A. Physical Setup

- i. Terrain, rocks and depth of groundwater do not significantly contribute towards disaster risk. New Delhi District is largely plain and has certain limited elevated areas in form of the ridge. The district does not have any liquefaction Zone due to its farness from Yamuna River. Anyhow, as entire region falls under Seismic Zone IV, there is always a threat of earthquakes.
- ii. A composite mean value of 2 (on a 4 point scale) reveals the fact that this region have largely soft soil except the extensions of the Alwar Quartzite from the south to north of Delhi. This belt of rock formations provides a protection from liquefaction because in rocky areas. The Soil Bearing Capacity (SBC) is good for construction of building Foundations. (Refer Figure 2.6).

PHYSICAL ASPECTS

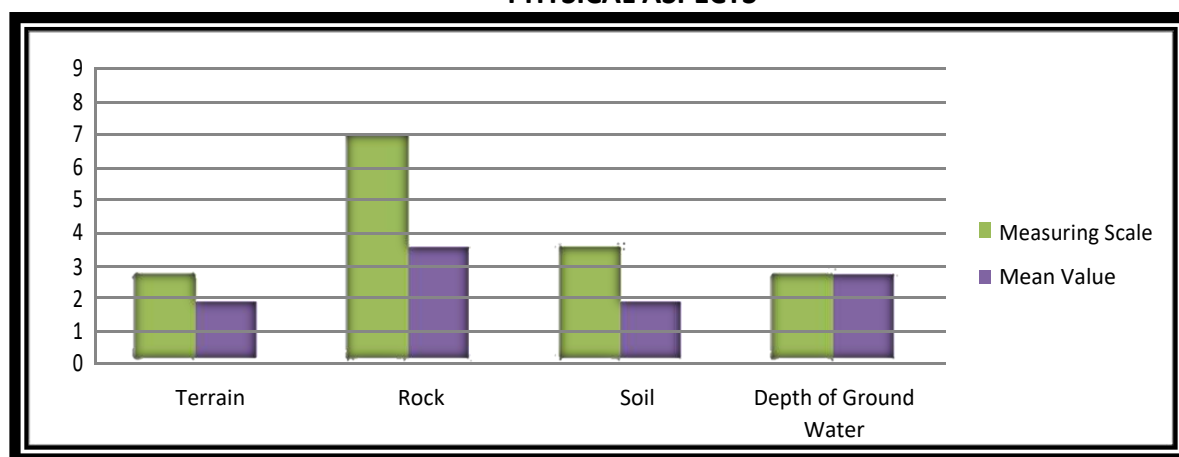


Figure 2.3: Physical Aspects

B. SOCIO-ECONOMIC ASPECT

- i. The population density is far greater concern during disasters. The composite value of 3 (on a scale of 5) reveals overall moderate to high concentrations in the district. The Chanakyapuri Sub Division has mostly low density as large areas of this consist of Lutyen’s Delhi. There are pockets of High density areas. The Delhi Cantt Sub Division has the least population density. The Vasant Vihar Sub division has moderate Population Density.
- ii. Residential density is higher in Vasant Vihar Sub-division. RWAs, JJ Clusters and Slums are located in all Sub Divisions. There are adequate entry and exit routes for emergency services. However there are pockets of high density areas where the fast transit of emergency services would be a challenge. Also during peak traffic hours, the entry and exit routes get clogged.
- iii. The ND Districts has Naraina and Mayapuri industrial Areas and also commercial areas like Cannaught Place. Most of the people are engaged in service and industrial sector. Many JJ

Clusters are present in the districts especially around the industrial areas due to job opportunities and these characteristics make the area more vulnerable to fire hazards. Some of these industries are also engaged in hazardous activities (Economic Census, 2008). Indian Oil Corp Depot is one of the most hazardous installations in the area.

Figure 2.4: Socio-Economic Aspects

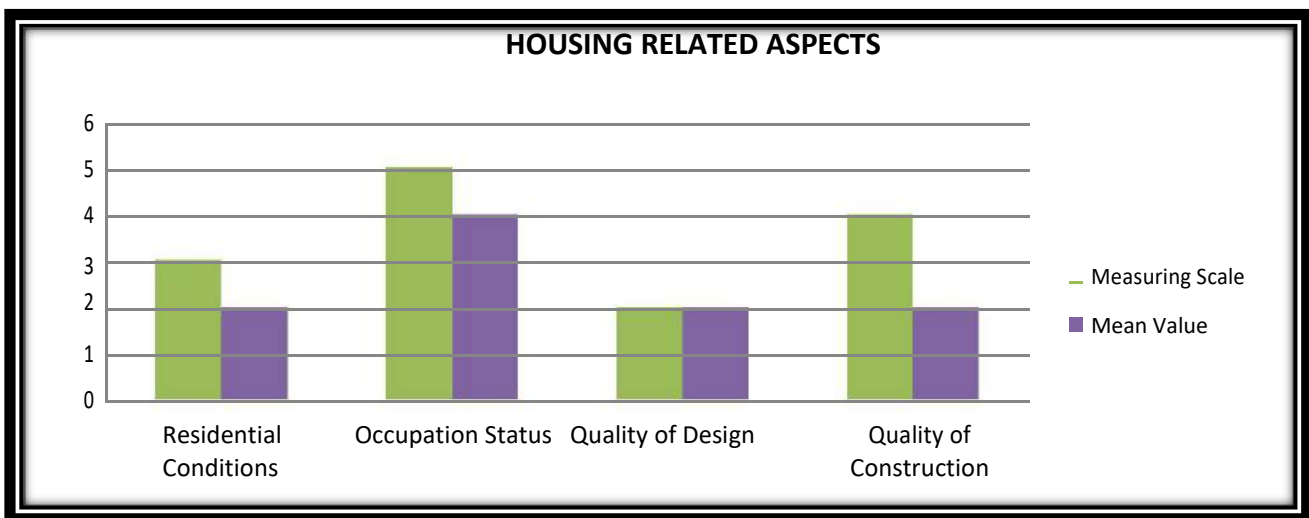
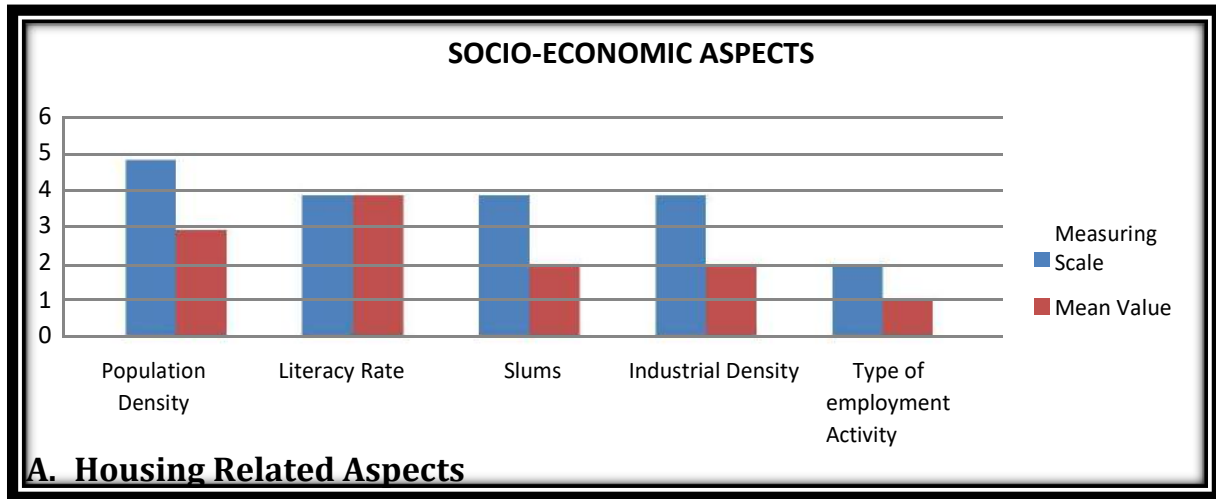


Figure 2.5: Housing Related Aspects

- i. The analysis typically comes out with housing concerns, as the housing conditions are bad to worse when it comes to its disaster resistance.(Refer to figure 2.6).
- ii. The occupancy rate (persons per room) on an average is moderately high in the district. A mean value of 1 (on a 5 point scale) reveals high concentrations in general. This is largely attributed to the shortage of housing and speculation on the housing sector. Large-scale potential of job-opportunities for labour class has resulted in flourishing of many JJ Clusters in the areas especially around the industrial areas.
- iii. As a city-state with the highest per capita income in India it is understood that here

purchasing power is good and in most of the areas the quality of material used and construction design of the new structures is good. However this is lacking in some pockets of unauthorized colonies and JJ Clusters. The mean value of 2 (on a 4 point scale) suggests average practice of safe designing and construction.

B. Preparedness and Response Aspects

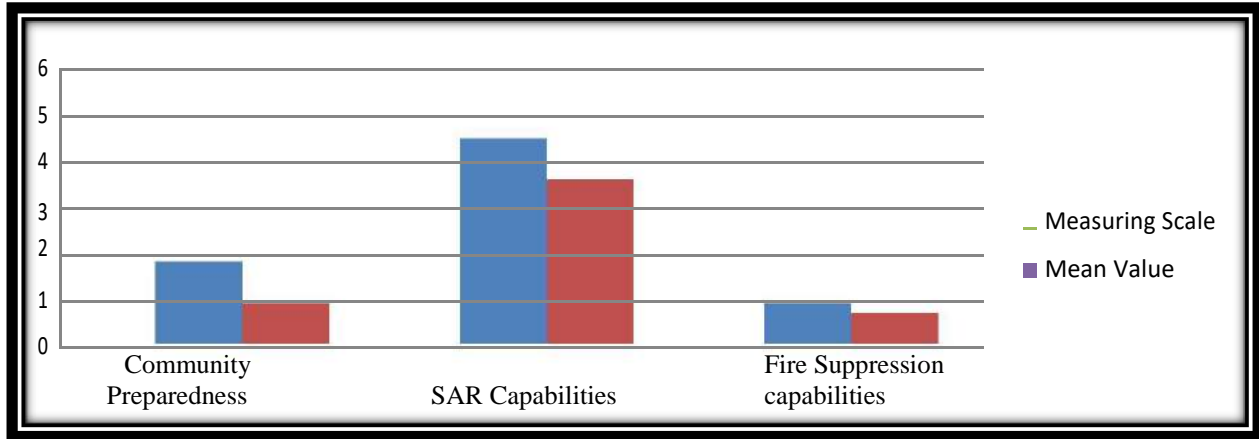


Figure2.6: Preparedness & Response Aspects

- i. Preparedness and response measures build capacity of local authority in taking appropriate decisions in case of emergency. Generally local authorities need to take up decisions for conducting search and rescue, communication, transportation, fire fighting, evacuation, and relief and rehabilitation etc. (Refer to Figure 2.6).
- ii. The local administration’s effort in creating public awareness is taking place at large scale. The physical, social, economic, housing and response factors vary significantly across the district but the administration does not have any prioritized initial interventions.
- iii. Medical capacities to manage disasters are another concern area. Although there are adequate beds to manage minor disasters but the medical capability to manage large scale disaster is suspected.

2.2.2 SWOT Analysis for Risk Assessment in the ND District (Table 2.4)

TABLE 2.4: SWOT ANALYSIS FOR RISK ASSESSMENT IN THE ND DISTRICT

The inferences of the SWOT analysis (Table 2.4) are as under:-

Parameters	Means of Verification	Strength	Weakness	Opportunities	Threats
Physical	Soil	*			
	Terrain	*			
	Geology	*			
	Water depth	*			
Socio-Economic	Population Density		*		
	Literacy rate	*			
	Unauthorised colonies				
	Industrial density		*		
	Type of Employment activities	*			*
Housing	Slums/JJ clusters/		*		
	Residential Conditions	*	*		
	Occupancy Rate		*		
	Quality of Design	*	*		*
	Quality of Construction	*	*	*	*
	Quality of Materials	*	*		*
Community Preparedness	Public awareness about basic disasters in local area	*	*		
	Local level Disaster management planning		*		
	Vulnerability and resource mapping done		*		
	Local people trained in Disaster management		*		
	Local People active in disaster management initiatives		*		
	Identification of Disasters by local authorities		*		
Response	Disaster Management Plan		*		
	Communication	*	*	*	
	Transportation	*		*	
	Response planning	*			
	Fire fighting capabilities	*			
	Medical Facilities	*			
	Search & rescue Capabilities	*			

- (a) A moderate population density, high residential density, moderate industrial density, scattered slums and JJ clusters along with poor preparedness aggravates the risk of huge losses in the event of a Major Disaster.
- (b) Capacity building of the community and the Disaster Managers is an ongoing process and is in place in the district. Required resources and a Disaster Response Mechanisms in form of ICS are existing.
- (c) There is a requirement of make use of the strengths and converting the threats, weakness and opportunities in to strengths. The district has good Physical Strength due to the Terrain, Soil, Geology and the Ground Water Level. There is high literacy rate (88%) and good infrastructure.

2.3 Vulnerability Analysis

2.3.1 Social Vulnerability.

The District is not very vulnerable from the social point of view. The Literacy rate is very high. The population density is moderate. There are certain Slums/JJ Clusters and unauthorized colonies. There are two industrial areas and many office/commercial complexes providing adequate employment opportunities. There are 2559 Disable Persons in New Delhi District in various categories like vision, Hearing, Speech, Movement etc. The No. of Disable Persons in various categories is depicted in **Table No. 2.5**

Table No. 2.5 Disability Data (Source: Census, 2011)

DISABLE POPULATION				
S. NO.	TYPE OF DISABILITY	NO. OF PERSONS	NO. OF MALES	NO. OF FEMALE
1.	Disability in Seeing	444	288	156
2.	Disability in Hearing	521	333	188
3.	Disability in Speech	143	81	62
4.	Disability in Movement	577	340	237
5.	Mental Retardation	125	78	47
6.	Mental illness	73	41	32
7.	Any Other	457	264	193
8.	Multiple Disability	219	119	100
TOTAL		2559	1544	1015

2.3.2 Environmental Vulnerability

There is moderate environmental vulnerability. This is because of the industrial areas and heavy vehicular density in the district. The levels of pollutants in the air are high in certain areas. The level goes up during peak traffic hours. The ground water is vulnerable to water pollution in certain areas. The soil is vulnerable to contamination in the industrial areas.

2.3.3 Infrastructural Vulnerability

Many structures of Industrial Complexes, Commercial Complexes, Office Complexes and unauthorized residential areas are vulnerable to fire accidents and collapse. This is due to

lack of precaution and flouting of the Fire safety norms during and after construction. The building and Fire Safety Codes for structures are not being enforced as they should be.

2.3.4 Financial Vulnerability

The Per Capita Income in the district is very good as the district provides ample opportunities due to the industries/commercial complexes and many government/private offices. Hence the district is not very financially vulnerable. However the risk insurance of the properties against a Disaster is very less. This needs to be encouraged to ensure a better Financial Security.

2.4 Capacity Analysis

The District has limited capability to deal with minor disasters. However a Major Disaster like an earthquake would be difficult to manage.

2.4.1 Communication System

There are adequate communication systems in form of telephones and mobile phones. However at times of disaster, these lines are likely to get disrupted. Hence Satellite Phones, HAM radio and wireless radio are the solution. The district has adequate Wireless radio sets and limited satellite phones.

2.4.2 Public Distribution Systems

Being a capital of the national capital, the PDS is effective. Hence PDS can be effectively used for providing relief.

2.4.3 Storage Facilities

There are adequate stores available to store the relief material.

2.4.4 Transportation Facilities.

There is adequate transport available for carrying out evacuation or to provide relief material. The condition of roads is also very good. Hence transportation is not a problem.

2.4.5 Medical Facilities:

There are adequate Hospitals in the area. These can cater for small level disaster. However these cannot handle a major disaster.

2.4.6 Fire Stations

There are many Fire Stations covering all the areas

2.4.7 NGOs and Other Volunteers

There are many NGOs and other Voluntary organizations working in the area. These forces would aid in providing relief and rehabilitation during and after the disaster.

CHAPTER – 3

INSTITUTIONAL ARRANGMENTS FOR DISASTER MANAGEMENT

3.1 Introduction

For prevention and mitigation of effects of disasters and for undertaking a holistic, coordinated and prompt response to any disaster situation it has been decided by the Government to enact a law on disaster management to provide for requisite institutional mechanism for drawing up and monitoring the implementation of Disaster Management Plans and ensuring measures by various wings of Government. The Disaster Management Act, 2005 provides for the effective management of disasters and for other matters connected therewith or incidental thereto. The Disaster Management ACT, 2005 under section 3, 14 & 25 seek to provide for establishment of National, State and District Disaster Management Authorities. The main functions of each authority are as under:-

TABLE 3.1 INSTITUTIONAL MECHANISM AND THEIR FUNCTIONS

DM Mechanism	Institutions/ Nodal Department	Functions
National Level Mechanism	National Disaster Management Authority (NDMA)	For better coordination of disaster management at national level, National Disaster Management Authority (NDMA) is constituted. This is a multi disciplinary body with nodal officers from all concerned departments/ministries/ organizations. Apart from these developments, the government of India has its National Contingency Action Plan prepared by the nodal ministry of disaster management. Also a National Emergency Operation Centre (NEOC) has been started functioning in the Ministry of Home Affairs with all sophisticated equipments and most modern technologies for disaster management.
State Level Mechanism	Delhi Disaster Management Authority (DDMA)	Delhi Disaster Management Authority (DDMA) is constituted under the chairmanship of Lt. Governor of Delhi and the Chief Minister and Ministers of relevant Departments as members. For Delhi, the Department of Revenue has been identified as nodal department to tackle disasters, being the Divisional Commissioner as its Nodal Officer and convener of the DDMA.

District Level Mechanism	District Disaster Management Authority, District New Delhi (DDMA-ND)	District Disaster Management Authority (DDMA) is constituted under the Chairmanship of District Magistrate of District New Delhi and ADM (ND) as CEO, DDMA (ND), Delhi Police, PWD, MCD and DHS as members.
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3.2 National Disaster Management Authority

As per Sub-Section (2) of Section (3) of Disaster Management Act 2005, the National Authority shall consist of the Chairperson and such number of other members, not exceeding nine, as may be prescribed by the Central Government and, unless the rules otherwise provide, the National Authority shall consist of the following:-

- The Prime Minister of India, who shall be the Chairperson of the National Authority, ex officio;
- Other members, not exceeding nine, to be nominated by the Chairperson of the National Authority.
- The Chairperson of the National Authority may designate one of the members nominated under clause (b) of sub-section (2) to be the Vice Chairperson of the National Authority.
- The term of office and conditions of service of members of the National Authority shall be such as may be prescribed.

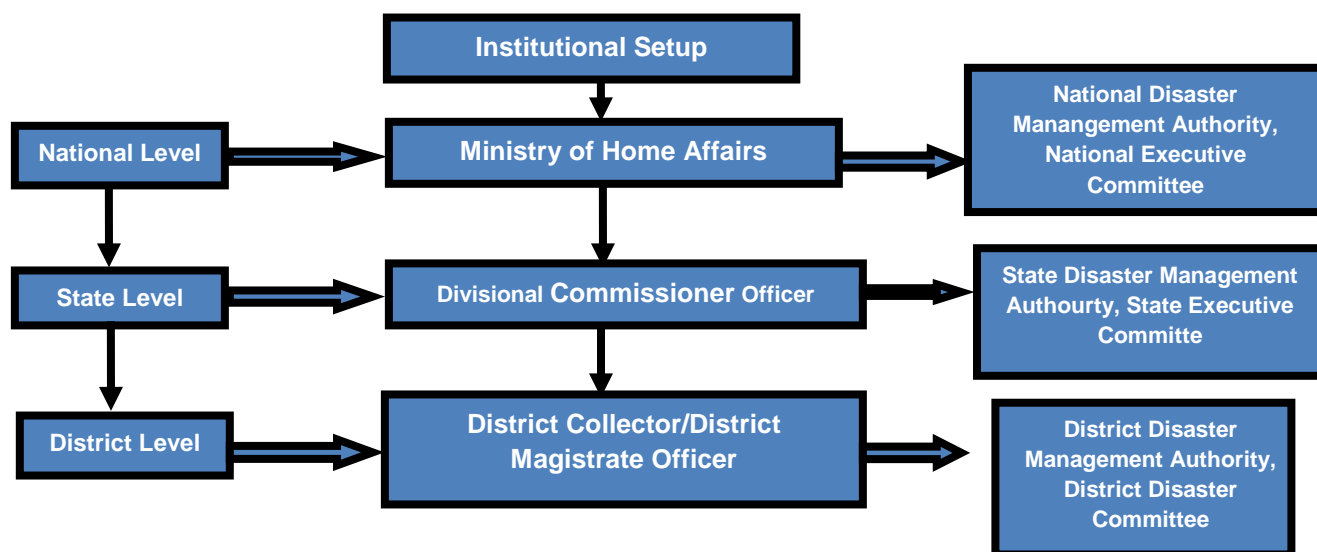


Fig. 3.1 Institutional Arrangements for Disaster Management

3.2.1 Powers and functions of the National Authority:

As per Section (6) of Disaster Management Act 2005, the National Authority shall have the responsibility for laying down the policies, plans and guidelines for disaster management for ensuring timely and effective response to disaster. The National Authority may:-

- a) Lay down policies on disaster management;
- b) Approve the National Plan;
- c) Approve plans prepared by the Ministries or Departments of the Government of India in accordance with the National Plan;
- d) Lay down guidelines to be followed by the State Authorities in drawing up the State Plan;
- e) Lay down guidelines to be followed by the different Ministries or Departments of the Government of India for the purpose of integrating the measures for prevention of disaster or the mitigation of its effects in their development plans and projects;
- f) Coordinate the enforcement and implementation of the policy and plan for disaster management;
- g) Recommend provision of funds for the purpose of mitigation;
- h) Provide such support to other countries affected by major disasters as may be determined by the Central Government;
- i) Take such other measures for the prevention of disaster, or the mitigation, or preparedness and capacity building for dealing with the threatening disaster situation or disaster as it may consider necessary;
- j) Lay down broad policies and guidelines for the functioning of the National Institute of Disaster Management.

3.2.2 Meetings of the National Authority:

As per Section (4) of Disaster Management Act 2005, the National Authority shall meet as and when necessary and at such time and place as the Chairperson of the National Authority may think fit.

3.3 State Disaster Management Authority:

The subject of disaster management is a matter under the direct control of the Revenue Department of the Government of NCT Delhi. Looking at the extremely complex requirements in terms of manpower and material resources, all the line departments of the district administration are involved for managing emergency.

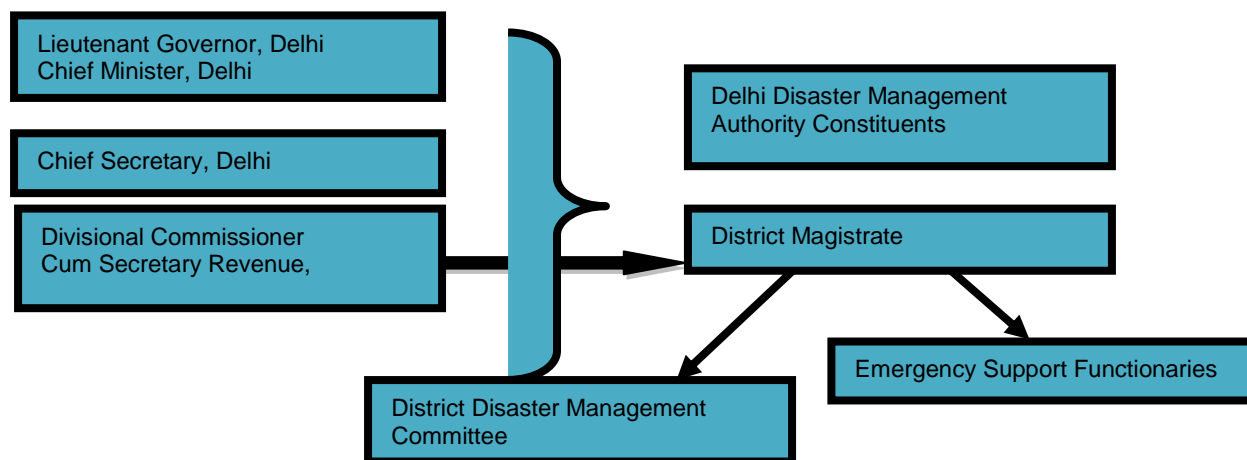


Fig. 3.2 Institutional Arrangements for Disaster management (Disaster Management Hierarchical in Delhi)

3.3.1 Powers and functions of the State Authority:

As per Section (18) of Disaster Management Act 2005, a State Authority shall have the responsibility for laying down policies and plans for disaster management in the State. The State Authority may-

- a) Lay down the State disaster management policy;
- b) Approve the State Plan in accordance with the guidelines laid down by the National Authority;
- c) Approve the disaster management plans prepared by the departments of the Government of the State;
- d) Lay down guidelines to be followed by the departments of the Government of the State for the purposes of integration of measures for prevention of disasters and mitigation in their development plans and projects and provide necessary technical assistance there for;
- e) Coordinate the implementation of the State Plan;
- f) Recommend provision of funds for mitigation and preparedness measures;
- g) Review the development plans of the different departments of the State and ensure that prevention and mitigation measures are integrated therein;
- h) Review the measures being taken for mitigation, capacity building and preparedness by the departments of the Government of the State and issue such guidelines as may be necessary.

3.3.2 Control Room of State / Delhi Disaster Management Authority

There is a State Disaster Control Room in the Office of the Divisional Commissioner, 5 Sham Nath Marg, Delhi to provide Secretarial support to the Delhi Disaster Management Authority and also facilitate the functioning of the Authority. 1077 is the Helpline Line No. of State Disaster Control room which is operational 24 x 7. This Control Room will receive the information from various sources. It shall be in constant contact with the District Disaster Control Rooms, Police Control Rooms. The State Disaster Control Room will receive the information, record it properly and put up to the Delhi Disaster Management Authority instantly. Similarly the instructions passed by the State Authority shall be conveyed to the addressees and a record maintained to that effect. The Delhi Disaster Management Authority is involved in the Management of large scale Disasters. The Divisional Commissioner in consultation with other members of the Authority shall decide its involvement after the receipt of the report from the District Magistrate of the Districts.

3.4 District Disaster Management Authority (DDMA)

In exercise of the powers conferred by sub - section (1) and (2) of section 25 read with clause(s) of section 2 of the Disaster Management Act, 2005, (53 of 2005) and in suppression of

all previous orders/ notifications issued in this behalf Hon'ble Lieutenant Governor of the National Capital Territory of Delhi has established a District Disaster Management Authority (for short called the "District Authority") for each of the districts in the National Capital Territory of Delhi. Every District Disaster Management Authority shall consist of members as mentioned in **Table 3.2**.

S.No.	Department Name	Status in DDMA
1.	Deputy Commissioner of the District (New Delhi)	Chairperson, ex - officio.
2.	Elected representatives (MLAs/Councillor) of the District nominated by Lieutenant Governor.	Co- Chairperson,ex- Officio.
3.	Additional District Magistrate of the District/Ex-officio Chief Executive Officer of the District Disaster Management Authority.	Member, ex-officio.
4.	Deputy Commissioner of Police, Delhi in the District.	Member, ex-officio.
5.	Zonal Deputy Commissioner, Municipal Corporation.	Member ex-officio.
6.	Chief District Medical Officer, Directorate of Health Services, Govt. of NCT of Delhi.	Member, ex-officio.
7.	Superintendent Engineer, Public Works Department, Govt. of NCT of Delhi.	Member, ex-officio.

TABLE 3.2 MEMBERS OF DISTRICT DISASTER MANAGEMENT AUTHORITY

Following is the proposed structure of District Disaster Management Authority, New Delhi

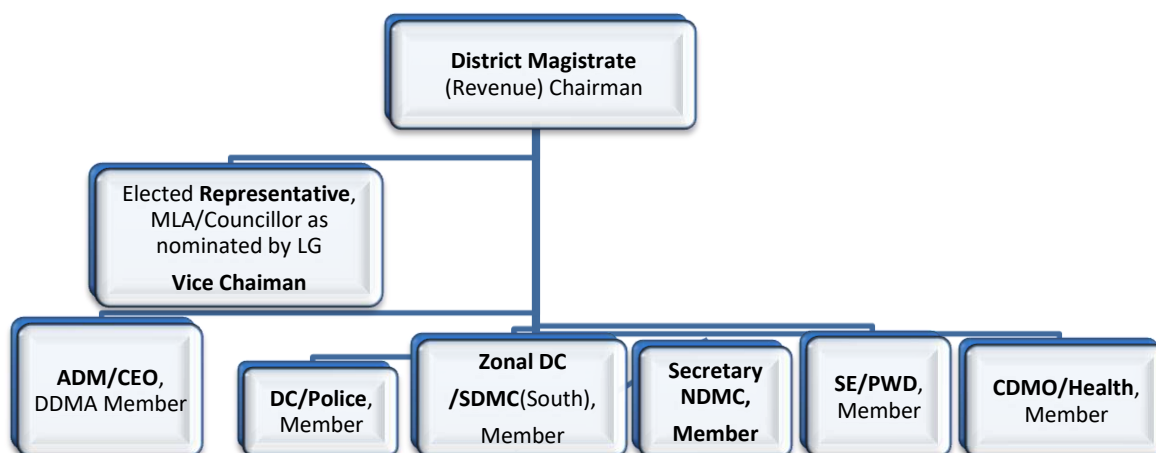


Fig. 3.3 Structure of District Disaster Management Authority

3.4.1 Powers and Functions of District Authority as per Section 30 of DM ACT, 2005 are as under:

- I. Prepare a disaster management plan including district response plan of the district.
- II. Coordinate and monitor the implementation of the National Policy, State Policy, National Plan, State Plan and District Plan.

- III. Ensure that the areas in the district vulnerable to disasters are identified and measures for the prevention of disasters and the mitigation of its effects are undertaken by the departments of the Government at the district level as well as by the local authorities.
- IV. Ensure that the guidelines for prevention of disasters, mitigation of its effects, preparedness and response measures as laid down by National Authority and the State Authority are followed by all the departments of the Government at the district level and the local authorities in the district.
- V. Give directions to different authorities at the district level and local authorities to take such other measures for the prevention or mitigation of disasters as may be necessary.
- VI. Lay down guidelines for prevention of disaster management plans by the department of the Government at districts level and local authorities in the district;
- VII. Monitor the implementation of disaster management plans prepared by the Departments of the Government at the district level;
- VIII. Lay down guidelines to be followed by the Departments of the Government at the district level for purpose of integration of measures for prevention of disaster and mitigation in their development plans and projects and provide necessary technical assistance therefor;
- IX. Monitor the implementation of measures referred to in clause (viii);
- X. Review the state of capabilities for responding to any disaster or threatening disaster situation in the district and give direction to the relevant departments or authorities at the district level for their up gradation as may be necessary;
- XI. Review the preparedness measures and give directions to the concerned departments at the district level or other concerned authorities where necessary for bringing the preparedness measures to the level required for responding effectively to any disaster or threatening disaster situation;
- XII. Organize and coordinate specialized training programmes for different levels of officer, employees and voluntary rescue workers in the district;
- XIII. Facilitate community training and awareness programmes for prevention of disaster or mitigation with the support of local authorities, governmental and non-governmental organizations;
- XIV. Set up, maintain, review and upgrade the mechanism for early warnings and dissemination of proper information to public;
- XV. Prepare, review and update district level response plan and guidelines;
- XVI. Coordinate response to any threatening disaster situation or disaster;
- XVII. Ensure that the Departments of the Government at the district level and the local authorities prepare their response plans in accordance with the district response plan;
- XVIII. Lay down guidelines for, or give direction to, the concerned Department of the Government at the district level or any other authorities within the local limits of the district to take measures to respond effectively to any threatening disaster situation or disaster;

- XIX. Advise, assist and coordinate the activities of the Department of the Government at the district level, statutory bodies and other governmental and non-governmental organization in the district engaged in the disaster management;
- XX. Coordinate with, and give guidelines to, local authorities in the district to ensure that measures for the prevention or mitigation of threatening disaster situation or disaster in the district are carried out promptly and effectively;
- XXI. Provide necessary technical assistance or give advice to the local authorities in the district for carrying out their functions;
- XXII. Review development plans prepared by the Departments of the Government at the district level, statutory authorities or local authorities with a view to make necessary provisions therein for prevention of disaster or mitigation;
- XXIII. Examine the construction in any area in the disaster and, if it is of the opinion that the standards for the prevention of disaster or mitigation laid down for such construction is not being or has not been followed, may direct the concerned authority to take such action as may be necessary to secure compliance of such standards;
- XXIV. Identify buildings and places which could, in the event of any threatening disaster situation or disaster, be used as relief centers or camps and make arrangements for water supply and sanitation in such buildings or places;
- XXV. Establish stockpiles of relief and rescue materials or ensure preparedness to make such materials available at a short notice;
- XXVI. Provide information to the State Authority relating to different aspects of disaster management;
- XXVII. Encourage the involvement of non-governmental organizations and voluntary social-welfare institutions working at the grassroot level in the district for disaster management;
- XXVIII. Ensure communication systems are in order, and disaster management drills are carried out periodically;
- XXIX. Perform such other functions as the State Govt. or State Authority may assign to it or as it deems necessary for disaster management in the District.

3.4.2 Powers and Functions of District Authority in the event of any threatening disaster situation or disaster as per section 33 under DM ACT, 2005:-

- a) Give directions for the release and use of resources available with any Department of the Government and the local authority in the district.
- b) Control and restrict vehicular traffic to, from and within, the vulnerable or affected area.
- c) Control and restrict the entry of any person into, his movement within and departure from, a vulnerable or affected area.
- d) Remove debris, conduct search and carry out rescue operations.
- e) Provide shelter, food, drinking water and essential provisions, healthcare and services.
- f) Establish emergency communication systems in the affected area.

- g) Make arrangements for the disposal of the unclaimed dead bodies.
- h) Recommend to any Department of the Government of the State or any authority or body under that Government at the district level to take such measures as are necessary in its opinion.
- i) Require experts and consultants in the relevant fields to advise and assist as it may deem necessary.
- j) Procure exclusive or preferential use of amenities from any authority or person.
- k) Construct temporary bridges or other necessary structures and demolish structures which may be hazardous to public or aggravate the effects of the disaster.
- l) Ensure that the non-governmental organizations carry out their activities in the equitable and non-discriminatory manner.
- m) Take such other steps as may be required or warranted to be taken in such a situation.

3.4.3 Meetings of the District Authority:

As per Section (27) of Disaster Management Act 2005, the District Authority shall meet as and when necessary and at such time and place as the Chairperson of the District Authority may think fit.

3.5 District Disaster Management Committee

Report of the High Powered Committee (HPC) on Disaster Management, set up with the approval of the Prime Minister also recommends immediate formation of District Disaster Management Committee (DDMC) with representative of all concerned departments/agencies/NGOs etc. who may contribute in both pre and post disaster phase in the district. Following instruction of HPC and Disaster Management Cell of Divisional Commissioner office, DDMC has been constituted under the chairmanship of District Magistrate (New Delhi). Additional District Management of the district is the convener of the committee. The DDMC is an apex planning body responsible for disaster risk reduction initiatives at the district and below district level units. Members of the committee are the nodal officers of various line departments such as Deputy Commissioner of Police, Deputy Commissioner of MCD zones, Deputy Chief Fire Officer, Chief Engineer of PWD, Superintending Engineers of MCD zones, District Liaison officer of Civil Defense, Deputy Director of Education, Sub divisional magistrate and Chief District Medical Officer of Directorate of Health etc. To ensure the public participation under disaster management planning MLAs are being kept as invited members. Volunteers and social organizations like NCC, NSS, NYKS, CATS, St. Johns ambulance, and Red Cross Society are other important members of the committee. Besides that Committee also have members from major vulnerable installations like Bharat Petroleum, Hindustan Petroleum and Indian Oil Private

Limited. The committee holds periodical meeting to discuss and finalized Disaster Management plans and activities and emergency support functions. The objectives to constitute DDMC are to provide necessary guidance and input in preparedness, mitigation and managements planning through a participatory approach. The DDMC is responsible for all disaster management activities (prevention, mitigation, preparedness, relief, rehabilitation, reconstruction) the district level, including formation and training of disaster Management Teams in specific areas such as warning dissemination, damage assessment, first aid & ,medical relief, search & rescue, trauma counseling, shelter management water& sanitation, carcass disposal, relief & coordination etc. Capacity building and training activities at all levels, awareness generation; preparing district Disaster management Plan; replication of activities at the sub divisional and community levels, periodic organization of mock drills and disaster preparedness exercises at various levels involving co-ordination of the various agencies, will contribute significantly in attaining the ultimate goal disaster management. It consists of one nodal officer/officers each from following 12 Emergency Support Functionaries.

TABLE 3.3 - ESFS TEAMS

ESF	Function	Coordinator	Members
ESF 1	Communication	MTNL	NIC, Police, Revenue Wireless, Private Telecom
ESF 2	Evacuation	DCP	Army, Health Dept, Civil Defence, Delhi fire Service, NCC
ESF 3	Search and Rescue	Delhi Fire Service	Fire Deptt, Police, Civil Defence, Army
ESF 4	Medical Health/Trauma	CDMO	Major Hospitals, CATS, St. John Ambulance, Civil Defence
ESF 5	Equipment Support	Deputy Commissioner, Municipal Corporation and Superintending Engineer (CPWD), Secretary NDMC	MUNICIPAL CORPORATION, PWD, NDMC, Cantt.Board, DDA, JAL Board
ESF 6	Helplines, Warning Dissemination & coordination Media coverage	District Magistrate (Revenue/Disaster Management)	All Emergency Support Functionaries (ESFs), Media Agencies
ESF 7	Drinking Water	Superintending Engineer, DJB	DJB, NDMC
ESF 8	Electricity	Superintending Engineer, BSES Electricity	Transco, Power Companies (NDPL/BSES/ NDMC)
ESF 9	Relief (Food and Shelter)	District Magistrate (Revenue/Disaster	Civil Supplies Corporation, DUSIB, Civil Defence, Volunteer

		Management)	Organisations
ESF 10	Debris and Road Clearance	Deputy Commissioner, MUNICIPAL CORPORATION and Superintending Engineer (CPWD)	PWD, NDMC, Cantt. Board, DDA, MES, CPWD
ESF 11	Law and Order	DCP	Civil Defence, Home Guards
ESF 12	Transport	Chief General Manager,	DTC,DMRC

3.6 Disaster Management Teams

It involves constitution of Disaster Management Teams by each of the coordinator departments/ member departments i.e. one team each of every department with one team leader eg. Disaster Management Team of Health Department, Delhi Jal Board, Transport Department, Civil Defense and so on.

3.7 District Crisis Management Group/Incident Command System

Crises Management Plan (CMP) - 2013 Framework of Ministry of Home Affairs addresses following crises situations: - Public Disorder, Terrorist outrages, Mutiny, Migration/exodus/infiltration. CMP- 2013 calls for constitution of District Crises Management Group headed by District Magistrate/ Commissioner of Police having following members

- i) Superintendent of Police.
- ii) A representative of IB.
- iii) Dy. Development Commissioner/ Additional District Magistrate

Any other District officer whose inclusion is considered necessary in the light of the emerging situation may be co-opted as a member. This group will be responsible for on - scene management of the incident/emergency.

CMP-2013 envisages that District Emergency Operation Centers will have GIS based maps indicating the roads/railways/hospitals and other essential infrastructure. They will have online access to India Disaster Resource Network (IDRN).

3.8 Emergency Operation Centre:

There is a District Disaster Control Room in the Office of the District Magistrate 12/1, Jamanagar House, Shahjahan Road, New Delhi to provide secretarial support to the District Disaster Management Authority and also facilitate the functioning of the Authority. The Emergency Operation Centre is operational 24 x 7 as it is manned by 01 trained volunteer per

shift. This Control Room will receive the information from various sources. It shall be in constant contact with the Delhi Disaster Control Rooms, Police Control Rooms. The District Disaster Control Room will receive the information, record it properly and pass on to the Delhi Disaster Management Authority instantly. Similarly the instructions passed by the State Authority shall be conveyed to the District Disaster Management Authority and a record maintained to that effect. Chief Executive Officer/ Additional District Magistrate will be the Key Officer to coordinate the functions of the District Control Room.

CHAPTER – 4

PREVENTION AND MITIGATION MEASURES

4.1 Introduction

Disaster Mitigation contributes to lasting improvement in safety and is essential to integrate disaster management in mainstream planning. Broadly mitigation ways can be divided into two parts i.e. structural measure and non-structural measures. Structural measures undertake to strengthen buildings, lifelines and infrastructure to withstand any hazard. Non-structural measures emphasis on land-use planning programmes for sustaining awareness, dissemination of information materials on do's and don'ts at the time of disaster. Once the area has been identified as hazard prone, it becomes important that the government and the community should practice these above-said measures. Based on this ideology, mitigation plan may vary according to hazards. New Delhi district is being considered prone to earthquake and fire related hazards.

4.2 Disaster Mitigation Measures

As it has been discussed in the previous chapters that district New Delhi lies in Zone IV. Risk gets compounded when hazard meets with Vulnerabilities as high dense population, weak physical structures and conventional construction technologies. Similarly, district is also vulnerable to high degree of fire and chemical explosions. Although, district has not faced any high intensity earthquake but studies envisages that Delhi can receive an earthquake of 6 to 7.5 richter scale band. Earthquakes can destroy buildings and infrastructure with secondary effects i.e. fires, embankments failures, release of poisonous gases, release of nuclear radiations etc. Therefore it is important to consider both primary and secondary effects into earthquake disaster mitigation planning. So, an effective mitigation planning is necessary to reduce the risk involved in the district. For efficient disaster mitigation, the pre-disaster phase needs to be utilized for planning and implementing preventive measures on the one hand and working on preparedness activities on the other. Disaster is caused due to failure of manmade structures, lack of preparedness and awareness. So far, disaster mitigation efforts are mostly reactive. (HPC, 2001)

4.2.1 Structural Mitigation Measures

- a. **Retrofitting of Buildings:** Generally buildings of the district can be characterized in three parts i.e. Slums and JJ clusters, non-engineered and engineered buildings (Table 4.1).

TABLE 4.1: CATEGORIZATION OF HOUSING TYPOLOGY IN THE DISTRICT

S.No	Categories	Construction description	Resistance
1	Slums and JJ Clusters /unauthorized colonies etc	Weak constructions	May get damaged due to moderate intensity of earthquake
2	Non-engineered buildings	Brick construction Masonry buildings	May damage due to moderate to high intensity of earthquake
3	Engineered Buildings	R.C.C constructions with good designs but not necessarily earthquake resistant	May damage due to high intensity of earthquake.

*** NOTE: ABOVE TABLE IS BASED ON RECONNAISSANCE SURVEY AND GENERAL OBSERVATIONS**

The Bureau of Indian Standards (BIS) has developed its first code on a seismic design in 1962 (IS: 1893-1962). However, till date there is lack of efficient legal framework to implement seismic code provisions in Delhi. As a result most of the building in Delhi does not meet codal requirements on seismic resistance. Even if new constructions may fulfill the requirement of seismic code provisions in their buildings, still a very large inventory of old buildings will remain deficient for seismic safety. Therefore we need to develop a rational seismic retrofitting plan for the government owned buildings and private constructions on priority bases. Generally public buildings are given first priority because they are lesser in number and at the time of disaster people can take shelter in these public buildings. Some of the important public buildings are schools, hospitals, government officers, community halls, fire and police stations, cultural buildings, communication buildings, cinema halls, meetings halls, historical monuments and important installations etc. The proposal for certification of such critical buildings from the point of view of disaster resilience is under consideration.

b. Need of systematic study to evaluate construction typology in the district:

As per Vulnerability Atlas of India (2007), out of 33.8 Lakh building in Delhi, over 31 Lakh are at medium risk of being affected by an earthquake, while 1.46 Lakh are at high risk, (Census of India, 2011). Systematic studies are needed on vulnerability of different types of constructions in the area. This will require experimental studies to evaluate strength, stiffness and ductility of different types of constructions as well as analytical studies such as the push over analysis. Experiences of past earthquakes both in India and abroad have clearly outlined the vulnerability of multistory reinforced concrete buildings if not designed and constructed correctly. Huge number of multistory reinforced concrete buildings in Delhi particularly those with open ground storey to accommodate vehicle parking, could also pose a major challenge in the event of a strong earthquake.

- c. **Construction Control** The best mitigation measure is to build strong built-in environment in the district. The district must ensure the implementation of building codes. The quality of buildings measured by their seismic resistance has its fundamental importance. Minimum designs and construction standards for earthquake resistant structures legislated nationally are an important step in establishing future minimum level of protection for important structure. India has building codes and regulations for seismic resistant design which needs to be enforced by municipal bodies. Some of the policy measures taken at state level are: Municipality Corporation has been asked to bring a circular shortly to make submission of actual structural drawings, besides the structural safety certificates mandatory for all buildings while seeking building plan approval. The Urban Shelter Board, GNCTD has been asked to urgently carry out structural audit of buildings in Delhi with the assistance of experts from NDMA, using RVSA (Rapid Visual Screening Assessment) and DVA (Detailed Vulnerability Assessment) methods.

4.2.2 Non-Structural Measures

a) **Land Use Planning**

Damage of buildings depends primarily upon the soil conditions and topology of the area which are moderately favorable in the district. Anyhow, to analyze risk within district microzonation planning should take place. It will help to guide modify land use planning in the district accordingly.

b) **Capacity Building and awareness generation**

Country have a very few experts in mitigation planning. We must focus our attention to the institutionally and manpower development at all levels. There is a need to train architects, engineers, planners and masons in developing safe housing and infrastructure facilities. District has already arranged one training for engineers, masons and architects. Manuals have also been developed outlining methodologies for new constructions and retrofitting of old ones. A strong legal and enforcement framework with appropriate incentives and punitive measures is required together with awareness programmes for general public. All these components must be taken up simultaneously; ignoring one aspect for the other could be counterproductive.

c) **Insurance**

Insurance brings quality consciousness in the infrastructure and a culture of safety by insisting to follow building codes, norms, guidelines, quality materials in construction. It would enforce safety standards by bringing accountability. Hazardous area should be announced, notified and publicly displayed so that people would be motivated not to settle in those areas and insurance be mandatory in insurance prone areas. Premiums can be changed on the basis of risk proneness. Urban Development Department, GNCTD has been asked to draft a scheme to incentivize house owners to take up retrofitting of their houses.

TABLE 4.2: IMPORTANT MITIGATION MEASURES

Sl. No.	Strategies	Actions involved	Suggested Institutions involved
1	Retrofitting of buildings	<p>Prioritization of buildings according to their importance during emergency.</p> <p><i>First priority buildings are:</i></p> <ol style="list-style-type: none"> 1. District administration office building, all police and fire stations 2. Nodal 3. All Schools (Government, SDMC and Public) 4. Residences of District Magistrate (Revenue), District Magistrate of Police <p><i>Second priority buildings are:</i></p> <ol style="list-style-type: none"> 1. Hospitals and clinics 2. Community centres 3. Residences of other key officials 4. Office buildings of SDMC, PWD, CD & HG and DDA <p><i>Third Priority buildings are</i></p> <ol style="list-style-type: none"> 1. Remaining Government Buildings and colonies 	South Delhi Municipal Corporation (SDMC)/PWD engineers
2.	Enforcement of Building codes	Review and updation of building codes	BIS
		Implementation of codes in new engineered and non-engineered constructions	SDMC
3.	Community Awareness	Large-scale information dissemination about basics of new constructions and retrofitting of existing buildings and encouraging fire-fighting arrangements in the building	SDMC, PWD, District Administration
		Information dissemination about dos ⁿ and don'ts at the time of earthquake event and fire-outbreak	District administration, Fire and police department, NGO's
4.	Capacity Building	Priority-wise training to the engineers, architects, and masons for disaster-resistance. These people may further utilized for providing assistance in retrofitting and reconstruction exercises.	District administration, SDMC, PWD and DDA

5.	Insurance	Identification of hazardous areas in the district	DC Office, SDMC
		Provisions of insurance according to building bye laws, codes and hazard proneness	Insurance companies,SDMC

4.3 Conclusion

- District consists of weak and illegal constructions which compounds its vulnerability to earthquake and fires.
- Buildings constructed through good design are not necessarily built with earthquake safe design.
- There is a need of an urgent mitigation planning under which new constructions should come up as per building-byelaws and standard codes.
- Retrofitting techniques are very much important to re-strengthen an old and weak construction which needs to be taken up by SDMC and district administration.
- Fire safety assessments and fire-fighting arrangements shall be promoted in multistoried buildings and residential communities.
- Insurance of buildings according to their hazard proneness is important to promote in the district under the supervision of local administration.
- Life-line buildings like Major Haspitals, District Magistrate Office, residences of key officials, schools, community spaces, police and fire stations etc. shall be retrofit on priority basis.

CHAPTER – 5

PREPAREDNESS MEASURES

5.1 Introduction

Disaster causes sudden disruption to the normal life of society and causes damage to the properties and lives to such an extent that normal social and economic mechanism available to the society get disturbed. Those who are unaware and unprepared generally get affected more due to their lack of knowledge and physiological pressure. Hitherto, the approach towards coping the effects of disasters has been post-disaster management, involving many problems related to law and order, evacuation, communications, search and rescue, fire-fighting, medical and psychiatric assistance, provisions of relief and shelters etc. After initial trauma next phase starts with long-term reconstruction planning which takes about 5 to 6 years to normalize the life-style in a particular area.

In view of these problems the district administration, has prepared a comprehensive plan. The plan basically detailed out preparedness strategy under which communities and district authorities would be prepared so that level of destruction and unnecessarily delay in relief and response can be reduced. The preparedness measures include setting up disaster relief machinery, formulation of community preparedness plans, training to the specific groups and earmarking funds for relief operations (UNDRO, 2004).

5.2 Measuring Community Preparedness

Generally community preparedness depends upon following four major components (Cottrell et al- 2001):

- ✚ Population characteristics (number of children, squatter settlement etc)
- ✚ Building and critical infrastructure such as road, drinking water, communication network, health and sanitation
- ✚ Physical environment
- ✚ Social environment (social groups)

In view of these components, risk assessment study has been conducted and identified that New Delhi District is densely built and consists of a high number of urban population. Any major earthquake or fire/chemical explosion can affect district very badly. Although many steps have been taken by the district but still a high degree of awareness and training is required to lay down an organization system within communities.

5.3 Components of Preparedness Plan

Looking at the complexity of repose mechanism during disasters two sets of components have been studied to prepare this plan.

5.3.1 Components of Community Preparedness Plan

Several previous attempts have been made by researchers to measure community preparedness within various indicators. Some of the important components of measuring preparedness are given below:

- **Physical Safety:** i.e. how safe community members are in view of the physical danger from these hazards? The parameters essentially tries to measure how effective structural mitigation measures are e.g. resistance of building structures for earthquakes, availability of safe shelters and its capacity etc.
- **Hazard awareness** i.e. awareness level about hazards which have a reasonably higher probability of occurrence.
- **Organization preparedness** i.e. how far the community is organized to face disaster i.e. existence of committee at community level, task forces, volunteers of civil defence and other local volunteers , trained disaster management teams and community disaster management plan etc.
- Infrastructure and services which tries to measure current state of these services and how well restoring critical services as and when disruptions occur.
- **Recovery ability** i.e. ability of the community members to recover from the impact of the hazard.
- **Physical environment** i.e. state of environment to face hazards e.g. Condition of sub-surface aquifers and vegetation etc.
- **Social capital** i.e. degree to which social networking and cooperation exists among community members.
- **Psychological preparedness** i.e. how safe and prepared do community members feel in view of these hazards.
- **Cultural capital** i.e. cultural richness such as existence, recognition and use of traditional mechanism to cope with such disasters.
- Household preparedness i.e. preparedness at a house hold members.

5.3.2 Components of Administrative Preparedness

Administrative preparedness is another very important issue which helps in reducing relief and response time in a disaster situation. Preparedness plan is based on below-given components:-

1. Operation readiness of facilities, equipments and stores in advance.
2. Maintaining response inventory of equipments and materials required for response.
3. Assignment of responsibilities to agencies and organizations.

4. Management training of crisis group members, desk officers and officers of respective departments likely to be assigned management duties.
5. Specialized trainings of district disaster committee members, officials, community organizations through seminars and workshop.
6. Training of taskforces.
7. Raising community awareness.
8. Improving response mechanism through conducting practice drills etc.
9. Annual updating of District and community level plans.

5.4 Establishment of Emergency Operation Centre (EOC)

To ensure coordination at district headquarter among community organizations, district level organizations and State government during preparedness and response phase, EOC has to play an important role. Directing the operations at the affected site, the need for coordination at the district headquarter and the need for interaction with the state government to meet the conflicting demand at the time of disaster is the responsibility of the District Magistrate and his team. District EOC helps District Magistrate and his team to meet these conflicting demands. Keeping this in view, District Magistrate has established an EOC at district level. The building of District Magistrate Office is a temporary one and will shift to another place in future; therefore a temporary EOC has been established in the office. The EOC would be responsible to facilitate following activities.

5.4.1 Activities of EOC

1. To ensure that warning and communication systems are in working conditions.
2. Collection and compilation of district level information related to hazards, resources, trained manpower etc.
3. Conducting district, sub-division and community level mock drills.
4. Networking and coordination with community, district and state level departments.
5. Monitoring and evaluation of community and inter-intra organization level disaster management plans.
6. Develop a status report of preparedness and mitigation activities under the plan.
7. Allocation of tasks to the different resource organizations and decisions making related to resource management.
8. Reviewing and updating response strategy.
9. Supply of information to the state government.

5.4.2 Facilities with EOC

Presently, the emergency operation centre is operating in 24/7 mode well-equipped with computer, wireless and telephone facilities. In future, EOC would include a well-designed control room with workstation, hotlines and intercoms by the year 2017.

Following other facilities shall be made available within the EOC:

1. A databank of resources, action plans, district disaster management plan, community preparedness plan would be maintained at EOC.
2. Maps indicating vulnerable areas, identified shelters, communication link system with state government and inter and intra district departments.
3. Inventory of manpower resources with address, telephone numbers of key contact persons has been maintained.
4. EOC have to identity desk arrangements during disaster situations.
5. Frequently required important phone numbers would be displayed on the walls so that they can be referred while other phones and addresses would be kept under a easy-retrieval and cross-referring system.
6. Retrofitting of building shall be done so that it can be operational during disaster also.
7. EOC is operational 24 hours with the help of Civil Defence Volunteers.
8. **Transport Facility:** A vehicle has been assigned to the EOC (New Delhi) during normal times. Additional vehicle can also be hired during the emergency.

5.4.3 EOC Staffing

To make EOC operational during and post disaster situation there would be a need of keeping adequate staff. There is a need of regular staff, staff-on requirement and staff-on disaster duty. Therefore, trained Civil Defence volunteers are working 24 hours on shift basis for managing the communication and transportation of rescue equipments in EOC during any disaster. More volunteers are also hired for supporting in rescue and relief operation during emergencies. Staff on disaster duty can be appointed by District Magistrate. This staff can be drawn from the various government departments.

5.4.4 Desk arrangement

In case of emergency, DM and other team members would be present round the clock in the EOC. Therefore senior officers have been appointed in the capacity of desk officers for the coordination of following emergency response functions:

TABLE 5.1 LIST OF ESF AND NODAL DEPARTMENT

S. Nos.	ESFs Function	Department
1	Communication	MTNL
2	Evacuation	Delhi Police
3	Search and Rescue	Delhi Fire Service
4	Law & Order	Delhi Police
5	Medical Response and Trauma Counseling	Directorate of Health-CDMO
6	Water Supply	Delhi Jal Board

7	Relief (Food and Shelter)	Department of Food and Civil Supplies
8	Equipment Support,	SDMC, NDMC
9	Debris and road clearance	SDMC, NDMC
10	Help lines, warning dissemination	Department of Revenue
11	Electricity	B.S.E.S.
12	Transport	Transport Department

5.4.5 Reliable Communication Systems

During emergency communication plays a very important role. Although Delhi being a capital city has already registered a phenomenal growth but yet incase of disaster like earthquakes witnessed collapse of general communication system which delays flow of information from the disaster site and consequently resulting delays in relief operations. Therefore a reliable communication is also one of a very important action. Till now TETRA wireless communication system has been found most suitable to rely upon. But this plan also seeks for installation of satellite phones and HAM equipments in the EOC for strengthened communication system in the district. Plan also advocates training some volunteers of home guards etc in HAM operations.

5.5 Preparation of a Response Plan

One of the important tasks during preparedness phase is formulation of a response plan. It basically helps in quick mobilization of manpower, resources and in performing various duties. The response plan explains a hierarchal system of emergency response functions in-term of tasks and assigned responsibilities to different agencies. It also lay down an Incident Response System under the directions of District Magistrate of the district. This whole exercise may help in preventing confusions during the response phase and result in prompt and coordinated response. Activation of trigger mechanism, functioning of EOC and Response of Emergency Support Functions can be tested every year to resolve perplexity occurring during actual scenario. Modalities (role, inter-institutional communication mechanisms, linkages etc) for involvement of army, NGOs and other institutions

For district level institutions and NGOs a communication from district EOC is sufficient however for involvement of army a communication is to be sent from State EOC to GOC, Delhi Cantt. In order to implement this contact detail of institutions, NGOs and GOC are already available in both the EOCs.

5.6 Linkages with the sub-plans (block plans, plans of major industrial establishments, Departments (police, fire, agriculture, institutions such as NGOs etc).

Once the sub plans are submitted at district EOC they are linked to District DMP by adding the name and details of Nodal officer of organization (block, industrial establishments, departments). In case of any emergency nodal officer is contacted who activates the DM plan of concerned organization.

5.7 Preparation of Disability Inclusive plan

Persons with Disabilities have difficulty in moving, hearing, seeing, communicating and/or learning. They have the same needs and perform the same activities as other members of the community (eating, dressing, working, etc.). However, Persons with Disabilities (PWDs) may need specific support related to their disability and their living environment (assistive devices, caregiver, a modified physical environment or equipment) to enable them to participate fully in these daily activities. In an emergency situation, when all members of the community are placed in a vulnerable situation, a PWD may face extra challenges if these special needs are not met.

Early warning provides a very important link between preparedness measures and response action, which in turn reduces the risk of exposure and injury of community members. A comprehensive early warning system is very important in any community, however, even more so in a community with PWDs as they are frequently overlooked in disaster situations.

TYPE OF IMPAIRMENTS AND WARNING SYSTEMS	
Types of Impairments/Disabilities	Warning System
Visual Impairment	<ul style="list-style-type: none"> • Auditory Signal System/ Alarms • Announcements • Posters written with large characters and colour contrast
Hearing Impairment	<ul style="list-style-type: none"> • Visual Signal Systems- Red Flag, Symbols • Pictures • Turn lights off-on frequently
Intellectual Impairment	<ul style="list-style-type: none"> • Special Signals- Red flag, Symbols • Clear and brief announcements by rescue workers
Physical Impairment	<ul style="list-style-type: none"> • Auditory Signal System/ Alarms • Announcements

CHAPTER – 6

CAPACITY BUILDING AND TRAINING MEASURES

6.1 Trainings and Capacity Building

To enhance organizational and capability skills to deal with emergency situations requires trainings and capacity building exercises of the various linked government and non-government officers. Since disaster management is a multi-organizations effort, it emphasizes on trainings in execution and coordination as well. Therefore wide ranges of trainings related to management skills are highly required for potential officers in order to equip them for specialized disaster-related tasks. They require orientation of various aspects of crises management such as

- Skill training,
- Planning,
- Trainings on Emergency Response Functions such as first-aid, search and rescue, emergency operation center, emergency feeding and welfare, communication and damage assessment etc.
- Trainings for coordinated disaster management activities and response operations are highly required especially for the persons engaged in emergency services, government – line departments, non-government organizations and important private sector groups.

Training requirements are likely to comprise of core activities of emergency management such as Incident Response System, Emergency Response Functions and basic management skills. Persons to be trained shall be:-

- Government Officers at par with the rank requirement under Incident Response System.
- Team leaders and members under Emergency Support functions.
- Quick Response Teams at headquarter and field level.
- Community level taskforces including Volunteers, NGOs and home guard volunteers, school and college students, NCC and NSS scouts and NYKS etc.

District Administration can organize seminars and workshops with the help of State disaster management authority, Civil Defence and Home Guard, Fire fighting department, Health departments etc. A record of trained manpower shall be maintained by each department and their representation shall be noticed during mock-drill.

6.2 Community Awareness and Community Preparedness Planning

The hazard analysis of the district indicates that there is a high need of community awareness through public awareness programmes on the following themes of disaster:

- ✚ Types of disasters and basic do's and don'ts related to those disasters.
- ✚ Post disaster epidemic problems.
- ✚ Construction and retrofitting techniques for disaster resistant buildings.
- ✚ Communication of possible risk based vulnerable areas in the district.
- ✚ Evacuation related schemes and community preparedness problems.

Volunteers and social organizations also play a vital role in spreading mass scale community awareness. Media can also play an important role in raising awareness and educating people.

Community Disaster Management Planning is one of the vital components of community preparedness. It involves all important parameters related to hazard awareness, evacuation planning, resource inventory, community level taskforces and committees etc which helps community members in organizing themselves to combat disaster in a pre-planned manner. Preparation of community plans encourages promote preparedness planning at community level. District administration is also imparting trainings on regular basis to the volunteers of Civil Defence and Home Guards, Nehru Yuva Kendra Sangthan, Residential Welfare Associations, Market Trade Associations, Self Help Group, GRCs and NGOs etc to involve them to into community planning.

6.3 Capacity Building of Community Task forces

Community taskforces and community committees has been constituted and trained in all types of communities by government and non-government agencies. District administration, Medical officers, Trained volunteers, Delhi fire Services, Civil Defence and Home Guard volunteers etc. are playing important role in building capacities of community task forces in building their capacities in search and rescue, fire-fighting, warning dissemination, first-aid and damage assessment etc.

Medical Officer has organized seminars to train taskforces and volunteers in basic first-aid. CD & Home Guard, St. John Ambulance and CATS are helping Medical Officer in providing trainings and lectures. Similarly Delhi Fire Service along with CD & HG gives trainings on search and rescue and fire fighting. Delhi Police provides trainings on warning dissemination, traffic norms, communication and damage assessment.

6.4 Simulation Exercises

To encourage participation in a coordinated manner simulation exercises on various disasters are very important. These exercises help in institutional building at various levels. Mock-exercises have been promoted at district and community level. These exercises help in

improving response time and also test reliability. These mock-drill arranged by involving all required agencies. These drills also help in updating the response plans. District Disaster Management Authority is playing an important role in conducting mock-drills and to update plan.

TABLE 6.1: COMMUNITY PREPAREDNESS STRATEGIES

S.No	Tasks	Mode of conduct	Nodal Agencies	Supporting Agencies
1	<p>Priority-wise information dissemination of various hazards and their do's and don'ts. Also preparation of community based disaster management plans shall be promoted in these areas.</p> <p>First priority shall be given to the schools, industrial clusters, Market Trade Associations and Residential areas, slums and resettlement colonies etc</p> <p>Second Priority shall be given to the communities living in the outer part of the district especially villages.</p>	Through Rallies, Media, Newspaper Media, Posters and Pamphlets, Group discussions and workshops etc	District Administration	Civil Defence and Home guards volunteers(CD & HG), Nehru Yuva Kendra Sangthan(NYKS), Residential Welfare Associations(RWAs), Market trade Unions(MTAs), Rotary Clubs, Non Government organizations(NGOs), Schools and colleges volunteers, NSS, NCC etc.

2.	Constitution of Community Based Disaster Management Committees and Taskforces	Through community level meetings	District Administration	RWAs and MTAs Members, Local Volunteers etc.
3.	Capacity Building of Community Members	Through mock-drills, preparation of community plans, trainings and workshops on disaster specific topics	District administration	CD & HG, Local NGOs, NYKS, St. John Ambulance, C.A.T.S etc.
4.	Trainings to the taskforces and committee members <ul style="list-style-type: none"> • First-Aid and Trauma Counseling • Search and rescue and fire-fighting • Warning Dissemination etc. 	Trainings and workshops	Revenue Department along with Health, Police and Fire Departments	CD & HG, St. John Ambulance and CATS and NGOs
5.	Post disaster epidemic problems	Seminars and community meetings	Health department	Local health departments, and NGOs
6	Trainings for construction of seismic resistant buildings and retrofitting of the buildings. Target groups are contractors, masons, engineers, architects and local communities (especially those who are taking loans for building constructions	Showing Films, videos, distributing posters and brochures, reading materials, etc in trainings and workshops or any other community gathering	Revenue department	SDMC, PWD, Private contractors and NGOs etc

	and provided assistance under Indira Awas Yojana and other developmental programmes)			
7.	Disability issue inclusive training and densitization campaign for community level Disaster Management committees and Civil Defence Volunteers	Training & Workshops	DDMA, New Delhi	NGO's

6.5 Relief Centers and staging areas in District New Delhi

District Disaster Management Authority (DDMA), New Delhi has selected some of the schools premises and community centres located in District New Delhi as relief centers for undertaking holistic coordinated and prompt response and relief work in any disaster situation happening in the district. During selection of relief centres care has been taken that relief centres are disable friendly.

➤ Relief Centres in District New Delhi

S. No.	Sub Division	Address of Relief Centre
1.	Chanakya Puri	N.P. Boys Senior Secondary School, Mandir Marg , Near Birla Mandir, New Delhi, Delhi 110001.
2.		Shyama Prasad Vidyalaya, 17A, Khan Market, Lodhi Estate, New Delhi, Delhi 110003.
3.		Govt Sarvodaya Co-Ed Sr.Sec. School, Kitchner Road, Malcha Marg, New Delhi, Delhi 110021.
4.	Delhi Cantt.	Shaheed Capt. Amit Verma School, Block-C, Inderpuri, New Delhi-12.
5.		Kendriya Vidyalaya No.3, Ring Road Delhi Cannought, Naraina, New Delhi, Delhi 110010.
6.		Sarvodaya Bal Vidyalaya, Kabul Lines, Tigris Rd, Delhi Cantonment, New Delhi, Delhi 110010.
7.	Vasant Vihar	Govt. Boys Sr. Sec. School No. 3 Near Kendriya Bhandar, Block DG, Sarojini Nagar, New Delhi, Delhi 110023.
8.		Government Co-ed Sarvodaya Vidyalaya, Sector 13, R K Puram, Near Palika Bhavan, New Delhi, Delhi 110066.
9.		Government Girls Senior Secondary School, Vasant Kunj 3, Pocket 2, Sector B, Vasant Kunj, New Delhi, Delhi 110070.

➤ Staging area in District New Delhi

S.No.	Sub- Division	Address of Staging Area
1.	Chanakya Puri	Man Singh Road behind Vigyan Bhawan, New Delhi - 110011
2.		Talkatora Stadium, New Delhi - 110001.
3.	Delhi Cantt.	Inderpuri, Krishi Kunj near old Pusa Flats, New Delhi - 110012.
4.	Vasant Vihar	Opposite National Book Trust, Nehru Bhawan, 5, Vasant Kunj Institutional Area, Vasant Kunj II, Vasant Kunj, New Delhi, Delhi 110070.

6.6 Equipment with District Disaster Management Authority

Delhi Disaster Management Authority has purchased equipments and following equipments have been provided to District Disaster Management Authority New Delhi for effectively and efficiently responding to any disaster. The list of equipments available in QRT (New Delhi).

6.6.1 List of Inventory:-

S.No.	ITEM
1	Oxygen cylinder and mask
2	Protective Helmets
3	Folding stretcher
4	First aid kit
5	Rope
6	Search light
7	Ambu bag (for adults)
8	Ambu bag (for child)
9	Hammer
10	Shovel
11	Axe
12	Spade
13	Integrated light bar
14	Inflatable light (Aska Light)
15	Fire extinguisher
16	Diamond chain saw cutter
17	Water-Mist (back pack)
18	Human life detection machine
19	Mega phone with 8 batteries
20	Petrol Can
21	Generator Set + Yellow Pipe + Green Pipe + Water Tub
22	Gum boot

6.7 Community Task Forces (CTF)

Community Task Forces (CTF) are group of volunteers from the community, meant for assisting their own neighbors in pre- post disaster scenario as well as to prepare the community to cope up with any disaster in future. Minimum five persons shall be named in each group, out of which one will be team leader. Any number of members can be added to the group. These groups will be given specialized training.

The following are the task forces:-

1. Warning and Communication Group.
2. Evacuation and temporary Shelter Management Group.
3. Damage Assessment Group.
4. Search and rescue Group.
5. First Aid and trauma Counseling Group.
6. Relief Co-ordination Group.
7. Water and Sanitation Group.

6.7.1 Main responsibilities of the Task Forces

1. Warning and Communication Group

Pre- Disaster

- i) Ensure that communication equipments are in working order.
- ii) Ensure an emergency contact directory with all relevant numbers.
- iii) Carry a hazard map demarcating the most vulnerable / safe areas and households.

On receipt of warning

- i) Assemble in a central location and listen to radio together to determine situation.
- ii) Pay attention to local warnings and their interpretation.
- iii) Crosscheck the warning received on radio, with the nearest control room.
- iv) Disseminate the warning using megaphones/mikes sirens etc., door - to - door.

During Disaster

- i) Remain in the safe shelters and provide the evacuees with regular updates.

After a Disaster

- i) Get the de - warning from District Control Room and announce the same.
- ii) Disseminate precautionary information on post disaster health hazards and remedies.

- iii) Give immediate assessment to the authority on damage, massive casualty etc.
- iv) Guide the search and rescue team with geographic information and high damage.

2. Evacuation and temporary Shelter Management Group

Pre- Disaster

- i) Monitor the infrastructure needs of the community such as roads, schools etc.
- ii) Coordinate with the local authority to identify/ location for setting relief camps.
- iii) Check for plaster cracks and damp patches in safe shelters that require repairs.
- iv) Stock dry food and other safe food stocks, fuels etc.
- v) Ensure that the shelters are easily approachable.
- vi) Ensure that the shelters are cleaned regularly.

On receipt of warning

- i) Evacuate people from their homes and clear the area as soon as possible.
- ii) Move stocks of dry food, fuel and medicines to the shelters.
- iii) Organise space to house evacuee families.
- iv) Help the old, disabled, pregnant women, children etc. to settle in the shelter.
- v) Register the evacuees and give them identification slips/cards.

During Disaster

- i) If caught inside stand with your back against a strong indoor wall.
- ii) If outside during disaster, run to an open space away from trees, buildings etc.
- iii) If in a moving vehicle, stop and stay inside.

Post Disaster

- i) To ensure that evacuees are fed and housed until the de - warning is received.
- ii) Organise tents and materials for construction of temporary shelters.
- iii) Collect stocks of food, clothing and fuel etc.
- iv) Clean and disinfect the shelter all throughout the stay and before leaving.
- v) Help NGOs and their engineers in conducting meeting and rehabilitation activity.
- vi) Monitor the rehabilitation and reconstruction process of the community.

3. Damage Assessment Group

Pre Disaster

- i) Carry a hazard map demarcating the most vulnerable/ safe areas and households.
- ii) Prepare and store sufficient number of assessment formats required.

During Disaster

- i) Remain in the safe shelters and provide the evacuees with regular updates.
- ii) Call emergency meeting of the group and assign duties and area of assessment.

After a Disaster

- i) Give immediate assessment to the authorities on damage, missing, casualty etc.
- ii) Give detailed report of assessment to the authority.
- iii) Guide the search and rescue team with geographic information.

4. Search and Rescue Group

Pre - Disaster

- i. Familiarize themselves with existing response mechanisms of the government.
- ii. Arrange for the necessary Search and Rescue equipment from Govt and Pvt Agencies.
- iii. Use the equipment properly and maintain it well.
- iv. Have a detailed map of the Community indicating vulnerable areas/safe areas.
- v. Organize themselves into pairs (buddy system).
- vi. Prepare back up teams ready for rotation of personnel.

On Receipt Warning

- i. Organise a meeting of the S&R members.
- ii. Contact the administration for detailed information.
- iii. Identify the vulnerable areas in which their help is required and decide the action plan.
- iv. Gather the equipments required.
- v. Assist the evacuation team in moving people to the safe shelter.
- vi. Co-ordinate with the First Aid team to provide primary health care.
- vii. Shift the seriously injured persons to hospital/PHC.

Post Disaster

- i. Conduct a general hazard assessment to determine the possible hazards.
- ii. Make a quick head count and maintain a list of missing persons.
- iii. Clear debris and fallen trees in order to reach trapped victim.
- iv. Communicate with the sub-division and District levels on additional assistance.
- v. Coordinate closely with the first aid team for primary health care to rescued victims.
- vi. Coordinate with the evacuation team to shift rescued persons to open space/tents.

5. First Aid & Trauma Counselling Group

Pre-Disaster

- i. Maintain a list of pregnant woman, infants, disabled, sick, old etc.
- ii. Keep First Aid kits ready and ensure that expired drugs are replaced with new ones.
- iii. Distribute basic medicines and demonstrate their use.
- iv. To keep stretchers/local alternative ready to carry injured people.

On receipt of warning

- i. Ensure that contents of all First Aid kits are satisfactory.
- ii. Move into the safe shelter.
- iii. If caught inside, stand with their backs against a strong in door wall (in EQ).
- iv. If outside during the earthquake, run to an open space (in EQ).
- v. If in a moving vehicle, will stop and stay inside (in EQ).

Post-Disaster

- i. Attend to the injured people.
- ii. Counsel the traumatized people.
- iii. Listen to and calm the victims affectionately and patiently.
- iv. Help doctors and paramedics shift the ill and the injured to hospitals.
- v. Isolate the cases with infectious diseases and prevent them from spreading.
- vi. Provide preventive medication if there is danger of cholera, dysentery etc.
- vii. Inform the relief group about medical supplies that are running low.

6. Relief Co-Ordination Group

Pre-Disaster

- i. Familiarize with damage and needs assessment formats.
- ii. Assess the estimated need of relief materials.
- iii. Mobilize stocks of food grains and medicines from government, NGOs, etc.
- iv. Stocks materials like ropes, bamboos, tarpaulin etc in the safe shelter identified.
- v. Keep a record of the stock available and maintain and dispatch them as required.
- vi. Always be impartial and sincere to the duty towards the victims.
- vii. Be transparent in the accounting and stocks by giving timely correct information.

On Receipt to warning

- i. Coordinate with the evacuation and temporary shelter management team to move stocks of food, water and so on to the safe shelter.
- ii. Move to the safe shelter.
- iii. If caught inside, will stand with their backs against a strong indoor wall (in EQ).
- iv. If outside, run to an open space away from trees, buildings and electric lines (in EQ).
- v. In a moving vehicle, will stop and stay inside (in EQ).

Post Disaster

- i. Conduct a complete damage and need assessment.
- ii. Based on a preliminary need assessment as follows, communicate preferences to the District Control Room:-
 - The size, scope of the relief items required.
 - Likely duration of the distribution of relief material.
 - The estimated number of people affected.
 - Local capacity, resources and external help.
 - The immediate needs of the victims.
- iii. Communicate the assessment findings to other Task Force groups and local authorities.
- iv. Establish a distribution centre or community kitchen begin distribution.
- v. Ensure that food and other materials are distributed in an equitable manner.
- vi. Prioritise the elderly persons, pregnant women, children etc.
- vii. Maintain a list of the households receiving assistance.
- viii. Make a physical inventory of stocks when external assistance arrives.
- ix. Work closely with the communication group to stay in touch with control room.
- x. Organize a meeting to evaluate the experience, internalize learning.
- xi. Keep the undistributed relief material in a safe place/go down and preserve it.

7. Water and Sanitation Group

Pre-Disaster Preparedness Activities

- i. Ensure sufficient supplies of chlorine tablets etc. for disinfecting drinking water.
- ii. Ensure sufficient stocks of lime powder for disinfecting large water bodies.
- iii. Ensure that sufficient water is stored in proper tanks and jerry cans in safe shelters.
- iv. Ensure that there is list of contact persons at Discom and Jal Board for assistance.
- v. Raise prior awareness amongst the community about how to treat water sources.
- vi. Set a minimum standard in advance for distribution of water in emergency.
- vii. Ensure sufficient number of raised platforms, deep tube wells etc constructed.
- viii. Stock long steel rods, kerosene and fuel wood to dispose corpse and carcasses.
- ix. Obtain help of the local administration to construct temporary sanitary facilities.
- x. Identify the tractors and labours required for sanitation purpose.
- xi. Contact Jal Board for assistance in acquiring diesel engines and generators.

On Receipt of Warning

- i. Assess the drinking water supply and available water resources.

- ii. Organise for alternate power supply by procuring generators/ diesel engines.
- iii. Ensure that the sanitation facilities at the safe shelter are in working order.
- iv. Move into the safe shelter for ones own safety.

Post Disaster

- i. Make immediate prepares of broken or burst pipes.
- ii. Coordinate with DJB/MCD/NDMC for procurement of water tankers if required.
- iii. Disinfect large water bodies with lime powder.
- iv. Coordinate with the Sanitary Inspectors for taking drinking water samples.
- v. Ensure that water is distributed in an equitable manner.
- vi. Ensure that sufficient water is available in bathing units and toilets at relief camps.
- vii. Demarcate areas for safe excreta disposal around the relief camp.
- viii. Guide the local authorities to construct latrines away from groundwater sources.
- ix. Coordinate with the local authorities to construct sufficient bathing cubicles for females.
- x. Spray bleaching powder and other disinfectants to prevent infectious disease.
- xi. Ensure that solid waste is put in refuse containers or buried in a refuse pit.
- xii. Ensure that there are no medical wastes such as needles, drugs etc. lying around.
- xiii. Co-ordinate with the first aid team to inoculate against water borne diseases.
- xiv. Construct temporary soak pits for onsite disposal of wastewater.
- xv. Co-ordinate with the search and rescue team for disposal of carcasses.
- xvi. Ensure that dead bodies are registered and cremated after legal/religious formalities.

6.8 DISASTER PSYCHOLOGY

Since all the task force members will be in constant contact with survivors it is important that they understand the distinct emotional phases that the survivors go through.

TABLE 6.2 CHARATERTICS OF IMOTIONAL PHASES IN DISASTER

Stages	Characteristics
The Impact Phase	During this phase, survivors panic, they display emotional disturbances, and indulge in whatever they can to keep themselves and their families alive and safe
The Inventory Phase (Immediately after a disaster)	Victims experience complete shock, survivors assess damage and try to locate other survivors. Survivors may protest to any kind of help given to them.
Rescue phase	Emergency rescue services and task groups arrive on the scene and survivors are willing to take their directions without protest. They trust that the rescuers will help to address their needs so that they can get their lives together

	quickly.
Recovery Phase	Survivors feel that rescue and relief efforts are not proceeding quickly enough and this coupled with a sense of frustration with insurance and compensation claims aggravates stress levels. Frustration may be directed towards task group members

In post-disaster scenario as people pick up the piece of their lives shattered by calamity they may experience the following psychological and physiological conditions.

TABLE 6.3 PSYCHOLGICAL AND PHYSIOLOGICAL CONDITIONS OF DISASTER VICTIMS

Psychological	Physiological
Fear of recurrence	Loss of appetite
Frustration	Headaches
Self-blame and blame towards others	Stomach cramps and diarrhea
Feeling overwhelmed	Hyperactivity
Sadness and grief	Increase in alcohol or drug consumption
Co-ordination and memory problems	Fatigue and low energy
Denial	Nightmares and sleeplessness

It is important for all Task Force members to remember the following:

- Talk to the survivors and encourage them to express their feelings and needs.
- Listen attentively to what the person has to say.
- Respond with empathy, understand the concerns of the individual and reassure them that such feelings are expected.
- Keep information confidential and respect their trust.
- Be very careful about exploitation of the victims by anti socials.

CHAPTER – 7

RESPONSE AND RELIEF MEASURES

7.1 Introduction

The need for an effective disaster management strategy is to lessen disaster impact which can be achieved through strengthening and reorienting existing organizational and administrative structure from district - state to national level. The emergency response plan is a first attempt to follow a multi-hazard approach to bring out all the disasters on a single platform and incorporates the '*culture of quick response*'. Under the plan, common elements responsible for quick response have been identified and a set of responsible activities has been articulated. It provides a framework to the primary and secondary agencies and departments, which can outline their own activities for disaster response. The plan will also include specific disaster action plans along with modal scenarios in detail to conduct practice drills at district administration level.

7.2 Methodology of Response Plan

- Identification of disasters in the district depending on:
 - Past records
 - Micro-zonation according to the geological settings
 - Vulnerability associated in context to the disaster
 - Risk assessment according to the socio-economic conditions
- Identification of emergency response functions in consultation to the guidelines provided by state nodal agency
- Identification of responsible government and non-government agencies according to the response functions
- Identification of responsible officers, manpower and resources according to the activities of the identified agencies
- Identification of primary and secondary agencies and demarcation of roles and responsibilities according to their functions
- Conducting regular trainings, meetings and mock drills

7.3 Various Response Levels

Most of the disasters are to be managed at the state and district level. The Centre plays a supporting role in providing resources and assistance. It will mobilize support in terms of various emergency teams, support personnel, specialized equipments and operating facilities depending upon the scale of the disaster. Active assistance would be provided only after the declaration of national emergency level. (National Disaster Response Plan, 2001). In case

disaster may be managed at the district level, district emergency operation system would be activated where state and national level authorities would be on guard in case of assistance needed. Incident Commander (IC) of the district would activate the emergency support functions and Incident Response System and similarly according to the guidance disaster management teams and quick response teams would respond.

If disaster may not be managed with district level and required active participation of state resources, State EOC would activate and Divisional Commissioner would take over the IC system.

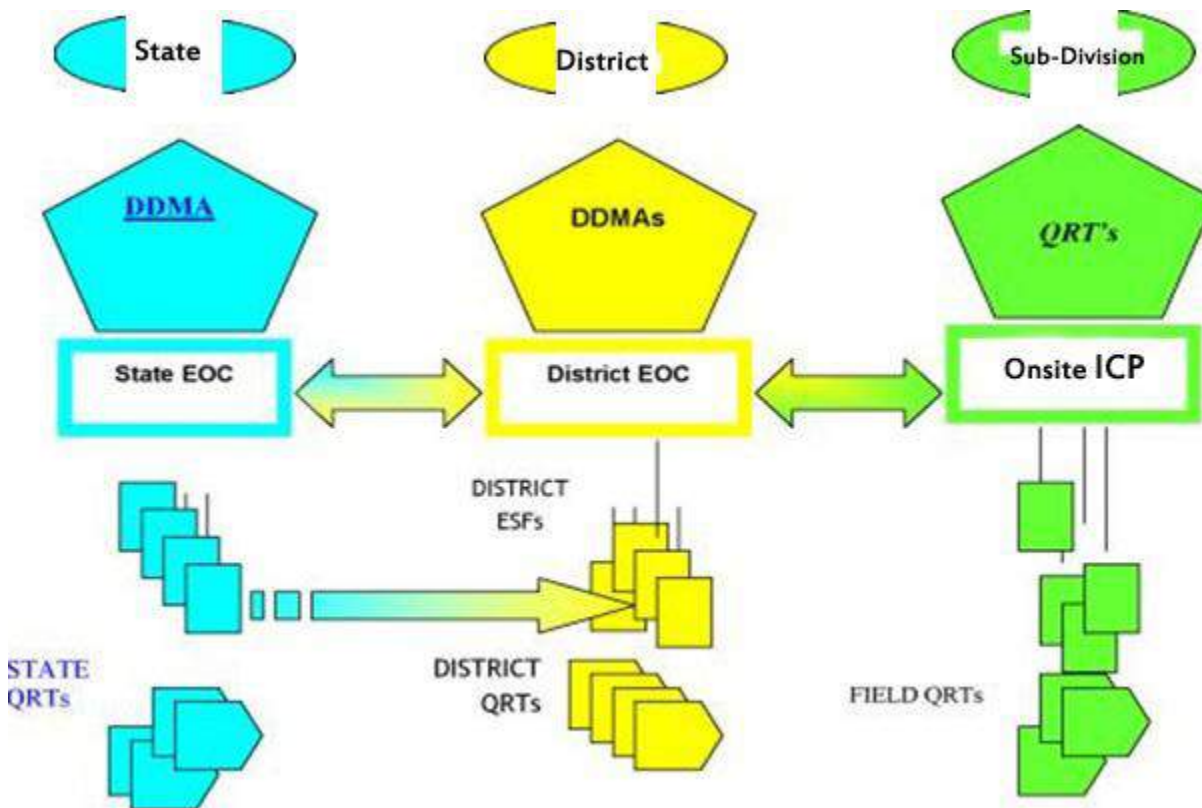


Fig. 7.1 Various Response Levels for Disaster Management

7.4 Important Terminologies Used in the Plan

7.4.1 Response Plan

The Response plan establishes an organized setup to conduct ESF operations for any of the Natural and Manmade Disasters. It outlines an implementing framework of sharing resources as per the requirement during an emergency situation. The Response Plan has structured the response of concerned department's i.e. primary and supporting departments to be organized and function together with grouping capabilities, skills, resources, and authorities across the State and district Government with the ESF plan. The plan unifies the

efforts of State Departments and supporting agencies to be involved in emergency management for a comprehensive effort to reduce the effects of any emergency or disaster within the state.

7.4.2 Emergency Support Functions (ESFs)

The ESF activates under the guidance of Incident Commander (District Magistrate) who is also a head of Incident Response System (IRS). Under the IRS, a team of 11 ESFs nodal officers works together also called as Disaster Management Team (DMT). DMT would also be constituted at District level with district level nodal officers. The members of Disaster Management team would also heads primary agency and simultaneously coordinate with the secondary agencies. Each of the primary and secondary agencies would also comprise of quick response team trained to carry out their functions at the response site. The success of ESF will be of critical importance and would reflect in the lives saved in the first few hours.

7.4.3 Primary and Secondary Agencies

The designated primary agency action as a central agency would be assisted by one or more supporting agencies (secondary agencies) and will be responsible to manage activities of the ESFs and ensuring the mission accomplished. The primary and secondary agencies have the authority to execute response operations to directly support the state needs.

7.4.4 Situation Reports

Situation reports provide an update of relief operation at regular intervals. These reports are crucial for planning out response actions to be undertaken in affected areas. The situation reports provide information about the disaster status, casualties, status of flow of relief materials, arrival/departure of teams etc.

7.4.5 Quick Response Teams (QRTs)

The QRTs at district level should leave for the affected site within 3 to 6 hours of the event after the declaration of emergency. They have to be adequately briefed by their respective departments. Team should be self-sufficient in terms of resources, equipments, survival kits and response work.

7.4.6 Emergency Operation Centre (EOC)

EOC is a nodal point for the overall coordination and control of relief work in case of any disaster situation. In case of any disaster district level EOC has to be activated. The primary function of EOC is to facilitate smooth inflow and outflow of relief and other disaster related activities. These EOCs act as bridges between State and Centre government.

7.5 Operational -Coordination Structure

Each organization generally has a framework for direction of its operation and coordination between its different units. Disaster Management generally requires partnership between organizations and stakeholders. An effective and early response requires mobilization of manpower, equipments and materials belonging to different organizations which may not be working together during normal times. Therefore a framework needs to be prescribed as a part of emergency planning for operational directions and coordination during response phase. This plan recognizes role of District Magistrate in providing overall operational direction and coordination for all the response functions. With the help of District Disaster Management Committee and District Emergency Operation Centre District Magistrate has formulated following coordination structure for response plan.

7.5.1 Trigger Mechanism

As soon as Emergency Operation centre would get the information about any emergency, the staff on duty in EOC will pass the information to DM-New Delhi and seek for his instruction for further actions. If the information pertains to the occurrence of a disaster in any part of the district, the staff on duty will also try to inform DDMA members, Emergency Support Functions-team leaders, major hospitals and State Disaster Management Authority etc. The staff on duty will also be responsible to reclaim information related to type, magnitude and location of the disaster and also inform it to responsible authorities. The EOC in-charge will also inform all the details to Divisional Commissioner and State EOC. All the desk officers/team leaders and Incident Response Team members will also be informed to immediately report at District EOC. Incident Response team and Desk officials would respond as per their Standard Operating Procedures and directions of Incident Commander(IC).

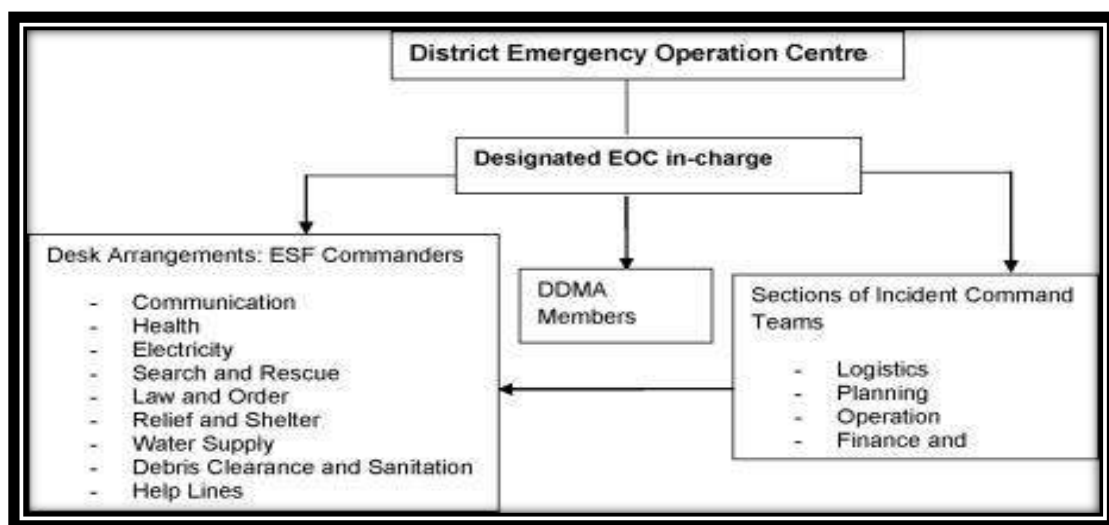


Fig.7.2 TRIGGER MECHANISM FOR DISTRICT EOC

7.5.2 Activation of Incident Response System

The emphasis in Disaster Management has shifted from relief centric approach to proactive regime, and as such a well coordinated response with clockwork precision becomes one of the most important goals. Incident Response System has been developed in this regard. In this system, the District Magistrate is the Responsible officer in case of emergency pertaining to his own district.

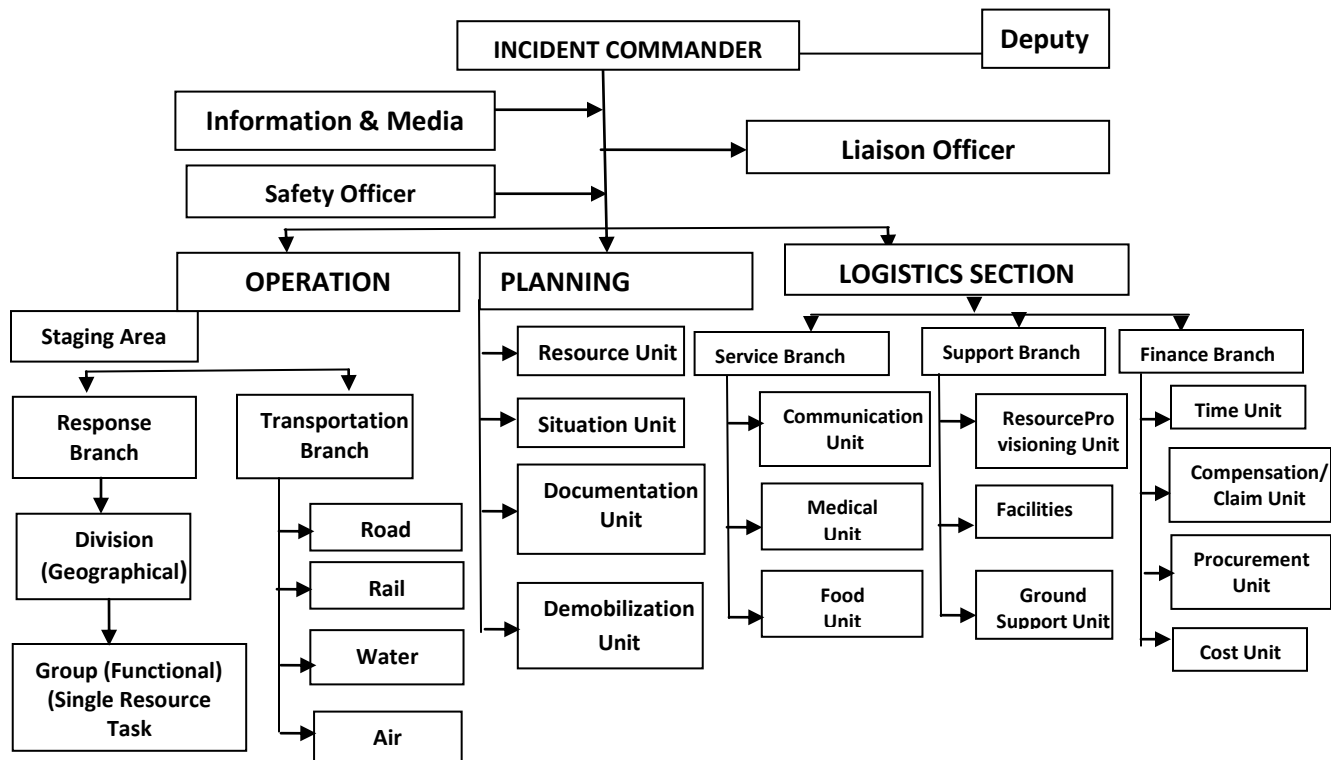


Fig. 7.3 Incident Response System (Source NDMA GUIDELINES of 2010)

7.5.3 Structure of Incident Response Team

During Emergency period ADM (New Delhi) would be designated as Incident Commander (IC) and shall take up following immediate actions.

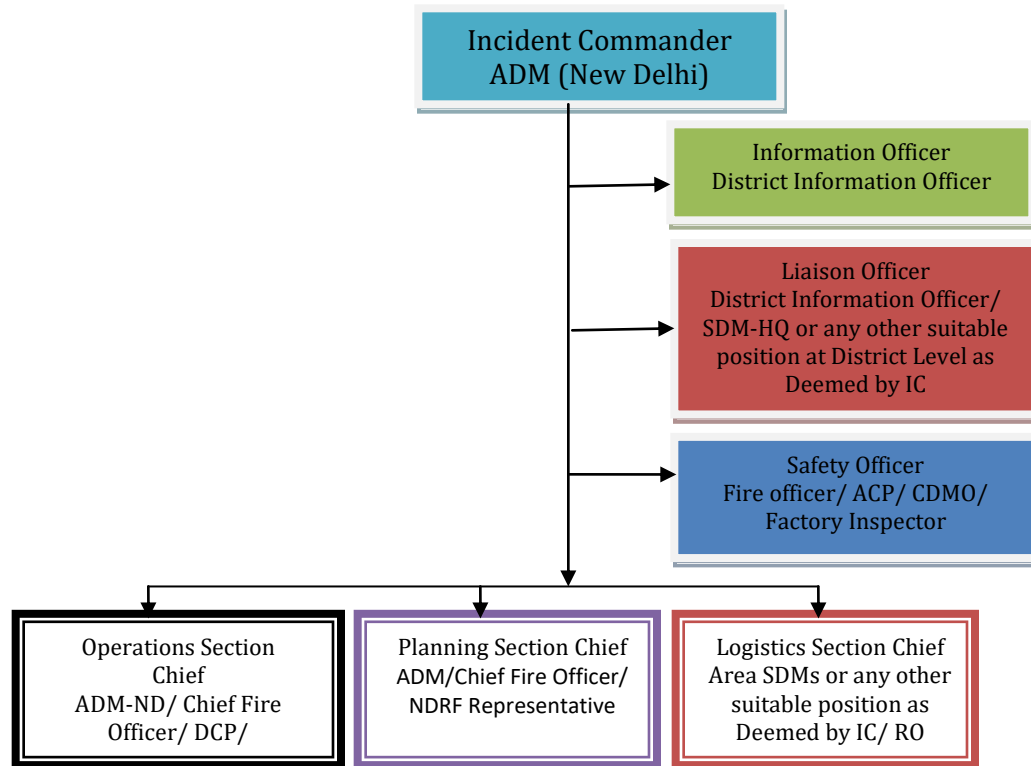


Fig. 7.4 Incident Response System (New Delhi)

IC will designate IRS members according to the rank requirement and assign responsibilities under three sections of logistics, planning, and operation.

IC will also direct to the EOC in-charge to inform all the DDMA members about the incident and ICP (Incident Command Post).

RO will direct ADM-New Delhi to coordinate with the team leader of Emergency Support Functions (ESFs)

EOC/PCR will also pass the information to the DDMA members about the location of ICP.

Direct EOC in-charge to pass the information to the State apex body/Unified commander.

If the disaster is in more than one district, the D.M. of the district that has maximum loss will act as Incident commander. In case all the districts are more less equally affected, then the Divisional Commissioner of Delhi will act as Unified Incident Commander and the DM as Incident Commander in his/her own district.

It is mandatory that all line departments/Organizations/individuals should obey the command of the Incident Commander as condition demands. He can divert all mechanisms and resources in the district to fight against a scenario leading to Disaster/calamity in the district. The entire Incident Response system is shown in the **Figures below**:

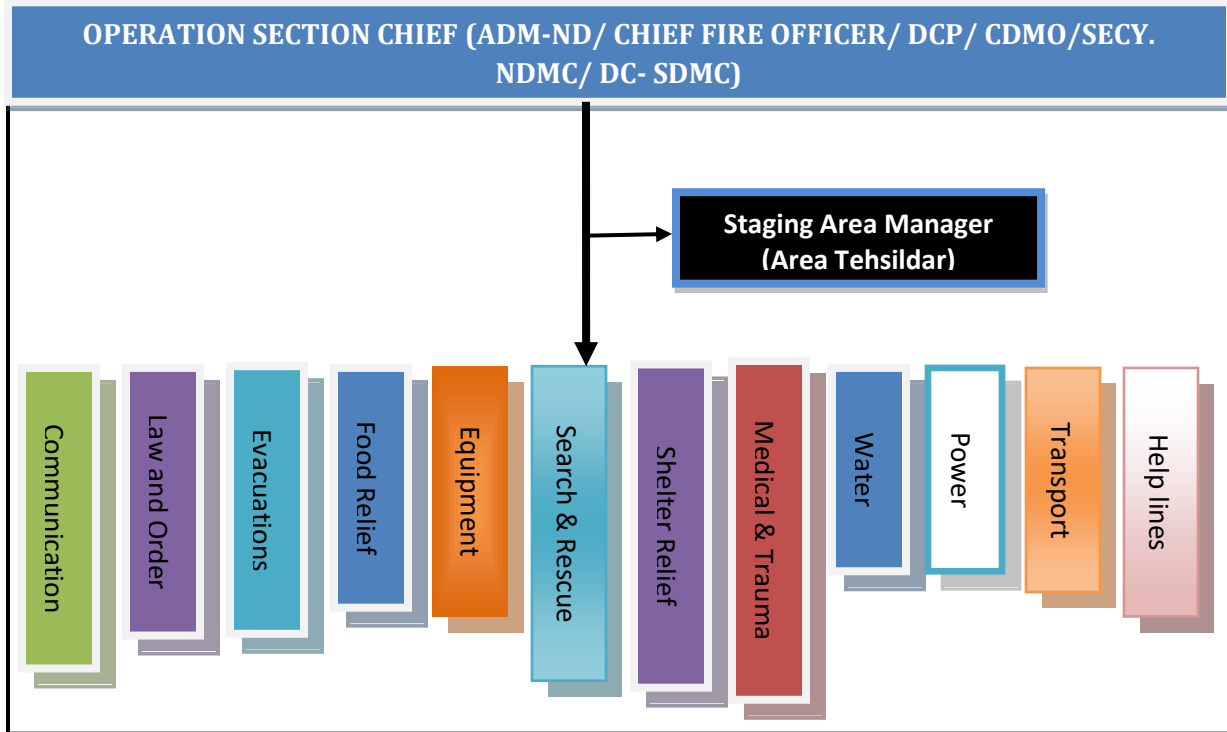


FIG. 7.5 TREE DIAGRAM OPERATION SECTION IN IRS

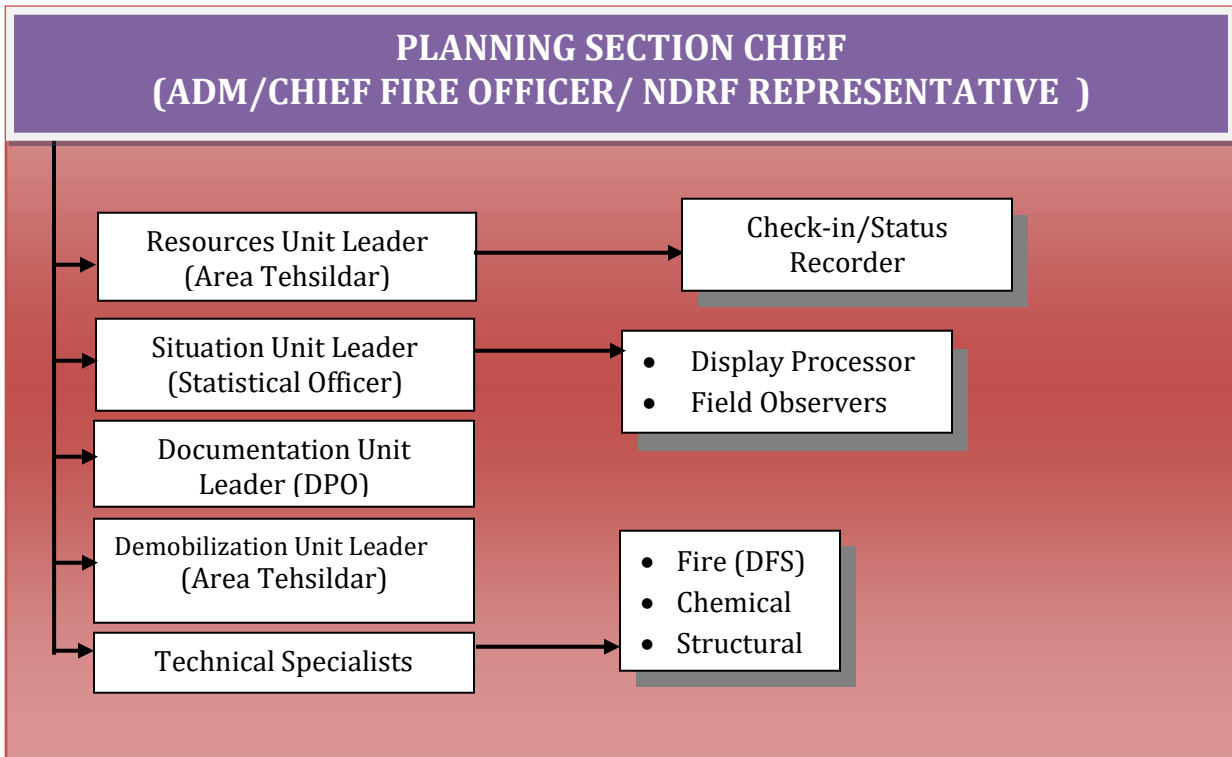


FIG. 7.6 TREE DIAGRAM PLANNING SECTION IN IRS

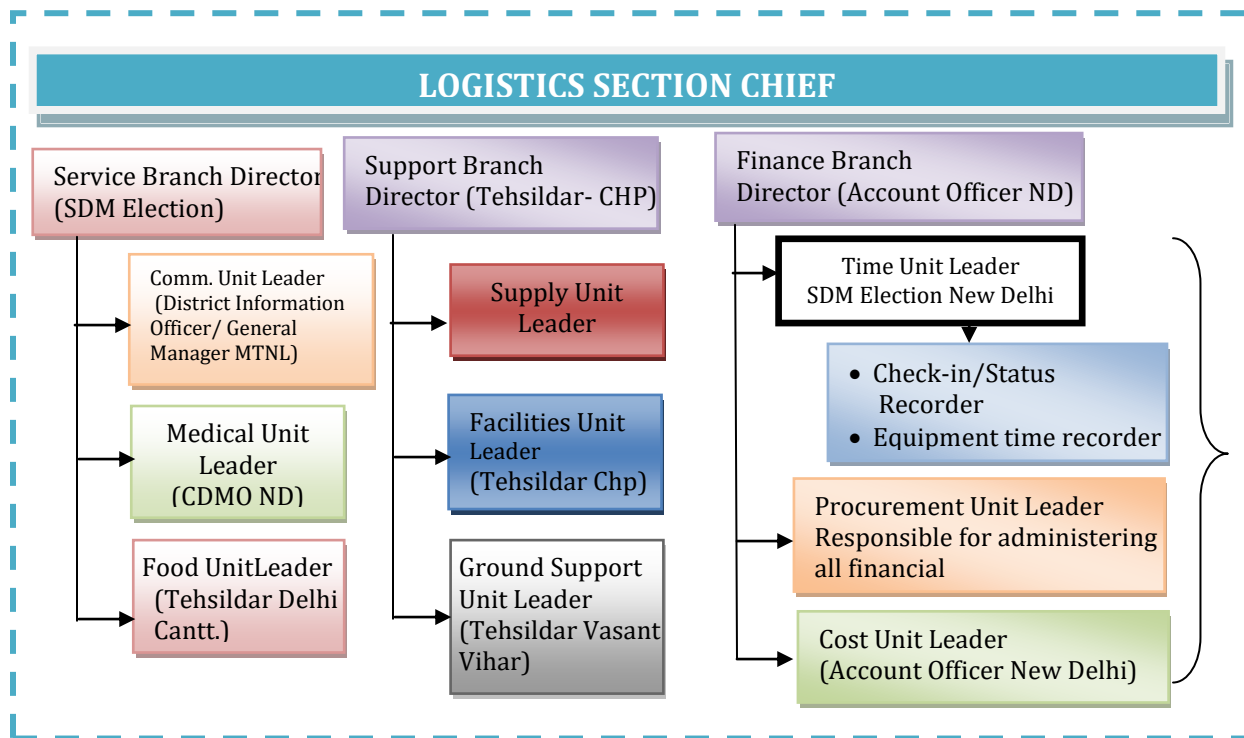


FIG. 7.7 TREE DIAGRAM LOGISTIC SECTION IN IRS

TABLE 7.1: RANK FOR DISTRICT LEVEL INCIDENT RESPONSE TEAM

Sl.No.	IRS Position	Suggested rank and position for District level IRS as per NDMA guidelines (2010)
1.	Responsible Officer	District Magistrate- New Delhi
2.	Incident Commander	Additional District Magistrate - New Delhi or any other equivalent officer or as Deemed by RO
3.	Deputy IC	Areas SDMs
4.	Liaison Officer	District Information Officer/ SDM-HQ or any other suitable position at District Level as Deemed by IC
5.	Information and Media Officer	District Information Officer
6.	Safety Officer	Fire officer/ ACP/ CDMO/ Factory Inspector
7.	Operations Section Chief	ADM-ND/ Chief Fire Officer/ DCP/ CDMO/Secy. NDMC/ DC-SDMC
8.	Staging Area Manager	Area Tehsildar
9.	Response Branch Director	Area SDM/ ACP or any other suitable position as Deemed by IC
10.	Transportation Branch Director	Road Transport officer (RTO)/ Motor Licensing Officer (MLO)

11.	Planning Section Chief	ADM/Chief Fire Officer/ NDRF Representative
12.	Situation Unit Leader	Statistical Officer
13.	Resource Unit Leader	Area Tehsildar
14.	Documentation Unit Leader	DPO New Delhi
15.	Demobilisation Unit Leader	Area Tehsildar
16.	Technical Specialist	SE (PWD)/ Deputy Controller of Forest
17.	Logistic Section Chief	Area SDMs or any other suitable position as Deemed by IC/ RO
18.	Service Branch Director	SDM Election
19.	Support Branch Director	Tehsildar Chanakya Puri
20.	Communication Unit Leader	District Information Officer/ General Manager MTNL
21.	Food Unit leader	Tehsildar Delhi Cantt.
22.	Facilities Unit Leader	Tehsildar Chanakya Puri
23.	Ground Support Unit Leader	Tehsildar Vasant Vihar
24.	Medical Unit Leader	CDMO New Delhi
25.	Finance Branch Director	Accounts Officer New Delhi
26.	Time Unit Leader	SDM Election New Delhi
27.	Cost Unit Leader	Account Officer

7.6 Responsibilities under Incident Response System

7.6.1 Incident Commander: ADM (NEW DELHI)

- Incident Commander (IC) shall rush to the Emergency Operation Center(EOC) where technical experts and section chiefs shall join him. He shall remain in the contact of EOC to know the updated status of incident.
- In consultation to technical experts Incident Command Post (ICP) shall be selected near incident site. Site selection shall be on the basis of the wind prevailing directions and probability of secondary hazards etc.
- Obtain updates of the incident situation from ICP and establish a link for continuous communication through dedicated telephone lines with speaker phones, set of walkie-talkies, computer link etc. with the help of coordinator.
- Supervise the overall management of each function through respective members of DDMA and expediting response whenever required.

- Identify the hazardous and threatened area based on map and information received ICP.
- Take a decisions on requirement and priorities of evacuation and organize the resources to execute the same.
- Based on the inputs from the first responders, and experts available at ICP, identify the additional resources requirement and initiate mobilization with the help of section chiefs.
- Coordinate with the other district authorities and state authority.
- After making required arrangement, IC shall visit incident site to supervise the situation.
- He shall also take decisions in demobilizing the resources after the incident.

Following three officers will support Incident Commander along with Operation, logistic, planning and finance section chiefs.

a) Safety Officer:-

1. Recommend measures for assuring safety of responders and to assess or anticipate hazardous and unsafe situations and review it regularly;
2. Ask for assistants and assign responsibilities as required;
3. Participate in planning meetings for preparation of IAP (Incident Action Plan);
4. Review the IAP for safety implications;
5. Obtain details of accidents that have occurred within the incident are if required or as directed by IC and inform the appropriate authorities;
6. Review and approve the Site Safety Plan, as and when required;

b) Liaison Officer:-

1. Maintain a list of concerned line departments, agencies (CBOs, NGOs) and their representatives at various locations.
2. Carry liaison with all concerned agencies including NDRF and Armed forces and line department of Government.
3. Monitor Operations to identify current and potential inter-agency problems.
4. Participate in planning meetings and provide information on response by participating agencies.
5. Ask for personnel support if required.
6. Keep IC informed about arrival of all Government and Non - government agencies and their resources.
7. Help in organizing briefing sessions of all Government and Non-governmental agencies with IC.

c) Information Officer:-

1. Prepare and release information about the incident to the media agencies and others with the approval of IC.

2. Note down decision taken and directions issued in case of sudden disasters when Incident Response Team has not been fully activated.
3. Ask for additional personal support depending on the scale of incident and workload.
4. Monitor and review various media reports regarding the incident that may be useful for incident planning.
5. Organize Incident Action Plan meeting as directed by the Incident Commander.
6. Coordinate with IMD to collect weather information and disseminate it to all concerned.

7.6.2 Operation Chief: Additional District Magistrate-New Delhi

Most preferred rank for the operation chief is Additional District Magistrate. Following are the duties designated for Operation Chief:

- I- Responsible for the management of all operations directly applicable to the primary mission. He will activate the emergency support functions and will coordinate with the team leaders of ESFs.
- I- Activates and supervises organization elements in accordance with the Incident Action Plan (IAP) and directs its execution.
- I- Determine need and request additional resources.
- I- Review suggested list of resources to be rebased and initiate recommendation for release of resources.
- I- Make expedient changes to IAP as necessary.
- I- Report Information about special activities, events or occurrences to Incident Commander.
- I- Maintain Unit / Activity details.

a. Emergency Support Functions

ESFs shall be activated under Operation Chief. On the receipt of information Team Leaders (TLs) would take up following actions.

- i. On the receipt of information about the off-site emergency Team Leaders (TLs) will activate their own Emergency Support Functions (ESFs).
- ii. TLs will join IC and Operation Chief (ADM-NEW DELHI) in EOC to ensure coordination and to provide assistance.
- iii. TLs would also move to the site for better operational control.
- iv. TLs will call the nodal officers of supporting agencies and immediately deploy the quick response teams (QRTs) from the location of nearest to the incident site.
- v. They further reinforce their teams by deploying additional resources from surrounding areas so the effective first respond can be rendered at site.
- vi. A high alert would be notified to move additional resources and manpower to the incident site.
- vii. According to the feedback report additional TLs will take decision of movement of more team and manpower. In some of cases TLs may need to mobilize resources from nearby

districts or states. In such cases chiefs will organize this through respective head quarters.

7.6.3 Planning Section Chief

Planning section chief shall be responsible for performing following duties:

- Collection, evaluation, dissemination and use of information about the development of incident and status of resources. Information is required to understand the current situation and to prepare alternative strategies and control operations.
- Supervise preparation of Incident Action Plan (IAP).
- Provide input to Incident Commander and Operation Chief in preparation of IAP.
- Reassign out of service personnel already on site to other positions as appropriate.
- Determine need for any specialized resources in support of the incident.
- Establish information requirements and reporting schedules for Planning Section Unit (e.g. Resources, Situation Unit).
- Compile and display incident status information.
- Facilitate the preparation and implementation of Incident Demobilization Plan.
 - Incorporate Plans (e.g. Traffic, Medical, Site Safety, and Communication) into IAP.
 - Maintain Unit / Activity details.

(a) Resource Unit Leader

Responsible for maintaining the status of assigned resources (Primary and support) at an incident. This is achieved by overseeing the check-in of all resources, maintaining a status keeping system indicating current location and status of all resources and maintenance of a master list of all resources e.g. by key supervisory personnel, primary and support resources etc

- Establish check-in function at incident locations.
- Prepare Organization Assignment List & Organization chart.
- Maintain & post the current status and location of all resources.
- Maintain master list of all resources checked in at the incident.

(b) Check-in/Status Recorder:

Needed at each check-in location to ensure that all resources assigned to an incident are accounted for:

- Prepare check-in form, resource status boards and status display board.
- Establish communications with the communications Centre and Ground Support unit.
- Post signs so that arriving resources can easily find the check in locations.
- Record check-in information on check-in lists.

- Transmit check-in information to Resources Unit on regular pre-arranged schedule/ as per need.
- Receive record and maintain status information for single resources, strike teams, task forces, overhead personnel.
- Maintain file of check-in lists.

(c) Situation Unit Leader

- Begin collection and analysis of incident data as soon as possible.
- Prepare post or disseminate resource and situation status information as required, including special requests.
- Prepare incident status summary.
- Provide photographic services and maps if required.

(d) Display Processor (Draftsman-Computer trained): Responsible for display of incident status information obtained for field observers, resource status reports, aerial photographs, etc.

- Determine:-
 1. Location of work assignment.
 2. Numbers, types and locations of displays required.
 3. Priorities.
 4. Map requirements for incident.
 5. Time limits for completion.
 6. Field observer assignments & communication means.
- Obtain necessary equipment and supplies.
- Obtain copy of IAP for each period.
- Assist SITL in analyzing and evaluating field report.
- Develop required displays in accordance with time limits for completion.

(e) Field Observers

Responsible to collect situation information from personal observations at the incident & give it to situation team leader:-

- Determine:-
 - Location of assignment.
 - Type of information required
 - Priorities.
 - Time limit for completion.
 - Method of communication.
 - Method of transportation.
- Obtain copy of IAP for the operation period.
- Obtain necessary equipment & supplies for his use.

- Collect data like
 - Perimeter of location of hot spots etc.
 - Be prepared to identify all facilities location (e.g. division boundaries).
 - Report information to SITL.
- (f) **Demobilization Leader**
 - Responsible for developing incident DMOB Plan.
 - Review incident resource records to determine the likely size and extent of DMOB effort addl. Personnel, work space and supplies needed.
 - Coordination DMOB with agency representatives
 - Monitor ongoing operation section resource needs.
 - Identify surplus resources and probable release time.
 - Develop incident check out for all units.
- (g) **Documentation Leader: DPO & PC**
 - i. Arranging for complete documentation of proceedings at the incident site.
 - ii. Maintaining record of what happened and what actions were taken.
 - iii. Recovering response costs and damages.
 - iv. Setting the record straight where there are charges of negligence or mismanagement resulting from the incident.
 - v. Reviewing the efficiency and effectiveness of response actions.
 - vi. Preparing for future incident response.
 - vii. Videotaping of the entire combat and rescue operations.

(h) **Technical Coordinators**

Two to Four experts in geo-sciences, fire safety, industrial safety and health shall be nominated as technical experts. Major issues shall be addressed by them are:

I. Formulation of response objectives and strategy

TC shall assess the incident before taking actions and formulate realistic response objectives. The assessment shall be based upon following points:

- Pre-incident plans.
- Information related to material involved, container involved, vehicle and structure involved and atmospheric conditions affecting the incident.
- Environmental monitoring and sampling data (if available).
- Public protective actions to be initiated.
- Resource requirements (trained manpower, specialized protective gear and other equipments).
- Hazards posed to the nearby areas on the bases of above-mentioned points they will formulate a defensive strategy to protect the public and environment from

the immediate spill or discharge area.

II. Identification of Hazard Zone

Technical experts shall be able to determine real time contaminant concentrations at various distances downwind. They shall be responsible to estimate downwind concentrations and feeding the information to the Team leaders of various ESFs for further response. To estimate the hazard zone in a particular emergency scenario, the technical coordinator shall place the transparency of the vulnerability template with its x- axis along the prevalent wind direction and start point on the source of release on the scaled map.

III. Establishment of Hazard Control Zones at Incident Site

Technical expert should determine the zones varying according to the severity of hazard. For example Hot Zone, Warm Zone and Cold Zone. According to the zones local commandant post and rescue operations should take place.

IV. Suppression of Hazardous Gas or Vapour Releases

Technical experts should also identify response measures to any other probability of outburst due hazardous gas and vapour release directly in the atmosphere from the ruptured and punctured containers or from the evaporating and boiling pools of liquid that have been formed due to chemical spill.

V. Selection of Personal Protective Equipments (PPEs)

Technical persons should be able to guide the QRTs entering the hot zone on the correct type of PPEs as it is necessary to ensure that the materials from which clothing is fabricated will not be penetrating by the spill substance.

7.6.4 Logistic Section Chief

Responsible to provide facilities, services and materials for effective management of disaster. Participates in development and implementation of Incident Action Plan (IAP) and activates & supervise Logistic section.

- Assign work locations & tasks to section personnel.
- Participate in preparation of IAP.
- Identify service and support requirements for planned and expected operations.
- Coordinate and process requests for additional resources.
- Provide input to / review communication plan, Traffic plan, medical plan etc.
- Prepare service and support elements of IAP.
- Recommend release of unit resources as per DMOB plan.
- Maintain Unit/ Activity details.

Following are the team members who will assist him in the process under service and support branch.

a) Communication Unit Leader:

- Prepare & implement incident wireless communication plan.
- Ensure that incident communication centre & Message centre are established.
- Establish appropriate communication distribution/ maintenance locations within base/ camps.
- Ensure communication systems are installed and tested.
- Ensure equipment accountability system is established.
- Ensure personal portable wireless sets from cache are distributed as per incident wireless communication plan.
- Provide technical information required on adequacy of communication system currently in operation S Geographic limitation on communication system S Equipment capabilities / limitations S Number and types of equipments available S Anticipated problems in the use of communication equipments S Ensure equipments are tested and repaired S Recover equipments from released units.
- Responsible to receive and transmit wireless and telephone messages among to between personnel to provide dispatch services at the incident.
- Set up message centre location as required.
- Receive and transmit messages within and external to incident.
- Maintain files of general messages maintain a record of unusual incident occurrences.

b) Medical Unit Leader:

Responsible for:-

- Development of medical response plan.
- Respond to requests for medical side and transportation for injured & ill incident personnel medical supplies.

(c) Food Unit Leader:

Responsible for supply needs for the entire incident including camps, staging areas:-

- Determine food & water requirements.
- Determine method of feeding to best fit each facility or situation.
- Obtain necessary equipment & supplies and establish working facilities.
- Order sufficient food & potable water from the supply unit.
- Maintain an inventory of food, water.

- Maintain food service areas & ensure that all appropriate health & safety measures are being followed.
- Supervise caterers, cooks and other food unit personnel.

(d) Supply Unit Leader:

Primarily responsible for ordering personnel, equipment & supplies receiving and storing all supplies for the incident maintaining an inventory of supplies servicing non-expendable supplies to equipment.

- Determine the type & amount of supplies en route
- Order, receive, distribute and store supplies & equipment
- Receive and respond to requests for personnel, supplies and equipment
- Maintain inventory of supplies & equipment.
- Service reusable equipment.

(e) Ordering Manager:

- Obtain necessary order forms
- Establish ordering procedure
- Establish name and telephone number of personnel receiving orders
- Get names of incident personnel who leave ordering authority
- Check on what has been already ordered
- Orders when possible
- Place orders in a timely manner
- Keep time and location for delivery of supplies
- Keep receiving and distribution manager informed of orders placed

f) Receiving & Distribution Manager:

- Organize physical layout of supply area
- Establish procedures for operating supply area
- Set up a system for receiving and distribution of supplies and equipment
- Develop security requirement of supply area

g) Facilities unit leader:

- Primarily responsible for the layout and activation of incident facilities e.g. base, camps, ICP.
- Provides rest and sanitation facilities for incident personnel
- Manage base and camp operations (to provide security and general maintenance)

h) Ground support unit leader:

- Support out of service resources.
- Transportation of personnel, supplies, food & equipment.
- Fueling, service, maintenance and repair of vehicles and other ground support equipment.
- Implementing traffic plan for the incident.

i) Finance and Administration Section Chief

Responsible to take decisions related to financial and cost related matters under given time frame.

Following positions would be helping him in conducting his duties:

- (a) **Time Unit Leader:** Responsible for status recording and equipments time taken recording.
- (b) **Procurement Leader:** Responsible for administering all financial matters pertaining to vendor contracts.
- (c) **Cost Unit Leader:** Responsible for collecting all cost data, performing cost effectiveness analysis & providing cost estimates & cost saving recommendations for the incident.

7.7 Desk Arrangements

District EOC will expand to include desk arrangements with responsibilities for specific tasks. The desk arrangement may continue to operate from EOC till the time long term plan for rehabilitation are finalized. The desk arrangements provide for divisions of tasks, information gathering and record keeping and accountability of the desk officer to the district commissioner. The Team leaders of emergency support functions shall be the desk officer and work under the coordination of Operation Chief. The desk officers shall be responsible to prepare, update and process reports according to the formats. Below emergency support functions of each desk officer/team leader has been discussed in detail.

7.8 Emergency Support Functions

Emergency Support Functions (ESFs) are the essentials of Emergency Management comprising of various coordinating agencies, which manage and coordinate specific kinds of assistance common to all disasters types. The plan establishes an organised setup to conduct ESF operations for any of the Natural and Manmade Disasters. It outlines an implementing framework of sharing resources and co-coordinating, preparedness, Mitigation, response and recovery as per the requirement. The Plan has structured the activities of concerned agencies i.e. primary/nodal and support agencies into an organised manner according to their capabilities, skills, resources and authorities across the state and district government. It also attempts to unify efforts of state departments so that they are involved in emergency management comprehensively to reduce the effects of any emergency or disaster within the state.

7.8.1 Organisation Setup of the ESF at District Level

The Revenue Department of the district, which may be renamed as 'Department of Revenue and Disaster Management', as directed by the Ministry of Home Affairs, is the prime co-coordinating agency for disaster risk management efforts. However there will be other agencies involved in-charge of different ESFs. Each ESF is headed by a lead organization and assisted by supporting organizations for coordinating the delivery of resources and services to the disaster-affected area.

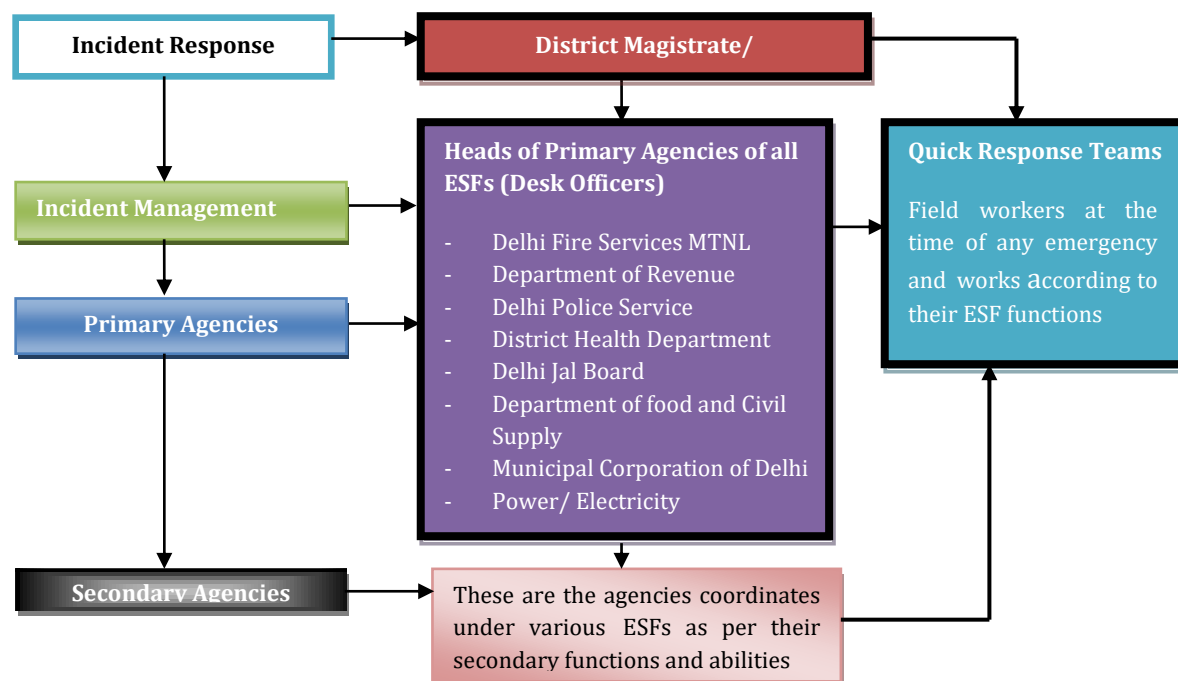


Fig. 7.8 Emergency Support Functions in Response Mechanism

These ESFs form an integral part of the EOC and each ESF should coordinate its activities from the allocated EOC. Extension teams and quick response teams (QRTs) would be required to follow their response procedures at the affected site. Nodal officers of all the ESFs would constitute Incident Management Team. Nodal officer would also nominate names for the QRT members who will accomplish disaster management related work at the field level. Similarly supporting agencies would also nominate their nodal officers and QRT members who will assist to the primary officers during response phase. Additional names should also be proposed to backstop the requisite positions.

Nodal and Supporting agencies comprising of QRTs shall be trained to carry out their functions at the response site. The success of ESF will be of critical importance and would reflect in the lives saved in the golden hour. All ESFs have to assist the Incident Commander that is Additional District Magistrate at District level as per their assigned duties described in the SOP's and to be followed during emergency within the District/State.

In any case of any disaster Police, Fire, Medical and revenue department have been identified as first responder.

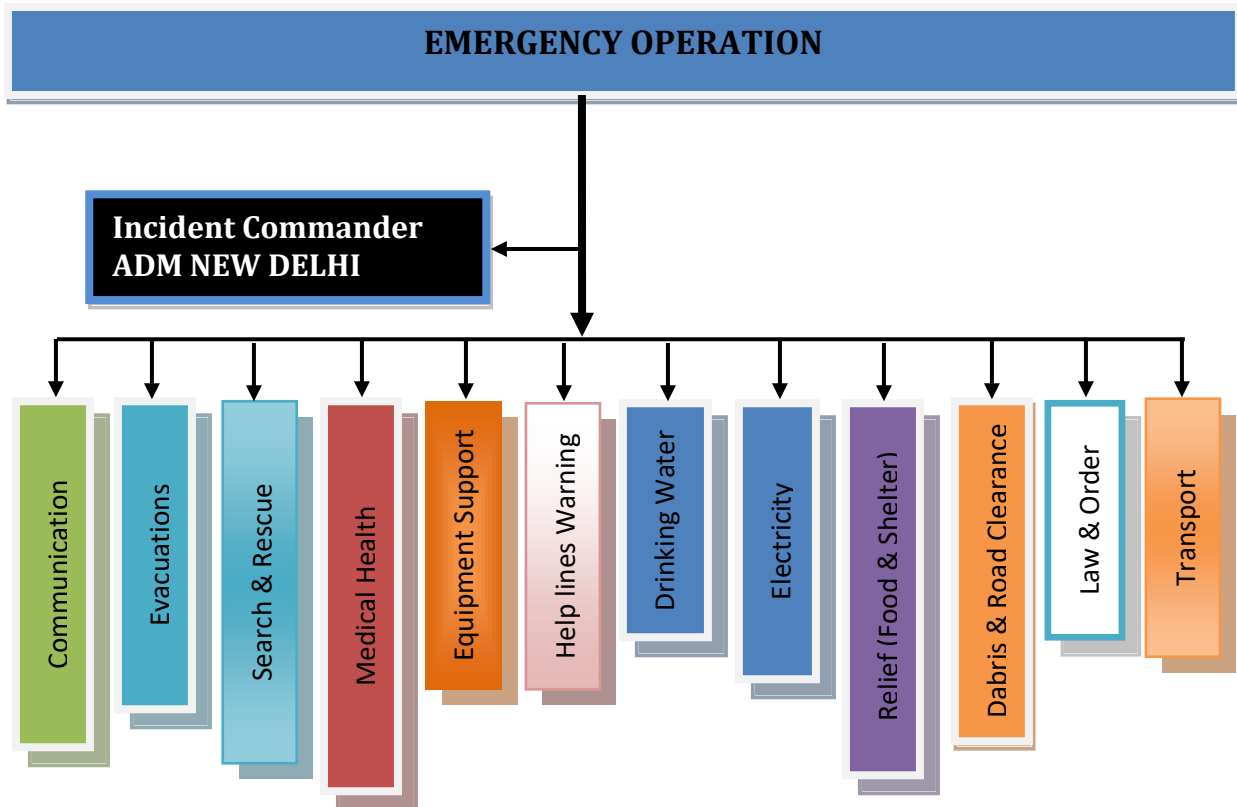


FIG. 7.9 Emergency Support Functions

A set of clearly defined responsibilities for all the ESFs have been mentioned below:

TABLE 7.2: ESFs TEAMS

ESF	FUNCTION	COORDINATOR	MEMBERS
ESF1	Communication	MTNL	NIC, Police, Revenue Wireless, Private Telecom
ESF2	Evacuation	Police Department	Army, Health Dept, Civil Defence, Delhi fire Service, NCC
ESF3	Search and Rescue	Secy. Home	Fire Deptt, Police, Civil Defence, Army
ESF4	Medical Health/Trauma	Secy. Health	Major Hospitals, CATS, St. John Ambulance, Civil Defence
ESF5	Equipment Support	Secy. Urban Development	MCD, PWD, NDMC, Cantt. Board, DDA, JAL Board
ESF6	Hiplines, Warning Dissemination & coordination Media coverage	Pr. Secretary (Revenue/Disaster Management)	All Emergency Support Functionaries (ESFs), Media Agencies
ESF7	Drinking Water	CEO, Jal Board	DJB
ESF8	Electricity	Secy. Power	Power Companies (TPDDL)

ESF9	Relief (Food and Shelter)	Pr. Secretary (Revenue/Disaster Management)	Civil Supplies Corporation, Civil Defence, Volunteer Organizations
ESF10	Debris and Road Clearance	Commissioner, MCD	PWD, NDMC, Cantt. Board, DDA, MES, CPWD
ESF11	Law and Order	Commissioner, Police	Civil Defence, Home Guards
ESF12	Transport	Secy. Transport	DTC,DMRC

7.8.2 Action plan for Emergency Support Function

1. Communication Situation Assumption:

Due to extreme fire explosions or a high intensity earthquake telephone wires might get damaged so communication from the site is not possible there is a need to inform to various departments and to establish a temporary communication system.

Primary Agencies: Mahanagar Telephone Nigam Limited (MTNL)

Supporting Agencies: NIC, Private telecommunication and Mobile phone operators Immediate Actions:

1. Team Leader (TL) will activate ESF immediately and intimate to his supporting officers.
2. He will establish a contact with district EOC for First Information Report.
3. He will decide upon the extent of damage to telecom services and network and will provide possible arrangements to establish reliable networks.
4. In such kind of large explosion, the communication systems of the affected installation may get severely damaged and be rendered useless. In such case communication coordinator would be responsible to provide emergency communication system to the incident site. It shall comprise of wireless (available within the Delhi Administration), mobile phones and land lines available with the industries.
5. Coordinator will establish an all call system on telephonic network for notification of emergency in the areas likely to be affected.
6. Prepare a standard message format (in Hindi and English) for use in radio/television broadcast or outdoor notification through megaphone to facilitate and reduce time necessary to alert the public of a problem and inform them of the protective actions to be taken.
7. Establish a warning system for different levels of emergency.
8. TL should send Quick Response Team(QRT) at the incident site with required equipments and resources.
9. TL will inform to IC about the restoration of telecom services and will communicate new phone numbers.
10. HAM radio operators would be informed about the current requirement and

coordination mechanism.

11. TL monitors the situation and arranges staff required to operate established systems.

Action to be undertaken by Quick Response Teams (QRTs)

1. QRT members will reach to the incident site as soon as they get instructions.
2. QRT will take stock of the situation from the IC and also from the members of the other QRTs.
3. QRT will assess the ground situation and send reports to state ESF agencies. The report would contain assessment of overall damage listing, overhead route damage(mts/kms), cable damaged(in yards/mts) and specific equipment damage.
4. Establish a temporary communication facility for the use of public.
5. Identify requirement of manpower, resources and equipments.
6. Begin restoration by removing and salvaging wires and poles.
7. Reporting to the head office.

Coordinating ESFs: Help lines, Relief, Medical response, Law and order, Search and rescue, etc.

2. Evacuation

Situation Assumption: People who are residing in vulnerable location may get affected due to the chemical explosions/fire/earthquake. These areas may be nearby installation, industries, railways and other institutions. Under such circumstances TL should take up decision either to evacuate the places or not.

Primary Agency : Police department

Supporting Agencies: Police department, Fire department, NDMC, SDMC , Civil Defence and Home Guard department, NCC, NSS, NYKS, NGOs

Task Involved : The Team Leader (TL) with the Help of QRTs shall Perform following duties:

A. Identification of people to be evacuated

The decision of the area under dangerous location will largely depend upon the wind speed, direction and rate of explosion.

B. Evacuation of general public

- On the directions of Incident Commander(IC), the ESF Team Leader will perform evacuation. He will instruct the team to initiate evacuation of the areas expected to be exposed and threatened by the explosions.
- The QRT shall move along with adequate material and resources to carry out evacuation. People will be directed to move towards safer areas identified by technical

experts.

- The team leader will designate in-charge of relief centers and keep in touch with them for regular head count and care of evacuees.
- Police, Fire, Civil Defence & Home Guard (CD & HG) and other government employees may have to go door to door to ensure that residents have been alerted about the emergency.

C. Evacuation routes and assembly points

1. In planning process routes shall be defined well in advance. These routes should be clearly spelt out in warning signals as also the location of the shelters to where people with automobiles should proceed and people without automobile should gather.
2. Designated evacuation routes should be major roads preferably but according to the wind speed and directions.
3. As evacuation would be declared police and fire should be prepared to control roads and traffic on evacuation route.
4. Apart from above mentioned duties TL should also dispatch following notifications:-
 - The Team Leader will ensure that notification has been communicated to the nearby institutions such as schools, hospitals, residential colonies and similar facilities having large group of people.
 - The team leader will also ensure that nearby water users (industries, farm irrigations, and drinking supplies) and water treatment plants are informed to get water at the incident sites.
 - On getting instructions from the Incident Commander(IC), the team leader of the ESF will ensure notification to the general population for evacuation immediately and rush to safer sites.
 - It is important to note that next of kin are promptly notified of fatalities or severe injuries carefully in a supportive fashion. This activity can be discussed with Police, Red Cross society, voluntary organizations and NGOs.

Coordinating ESFs: **Law and Order, Search and Rescue, Food and Shelter**

3. Search and Rescue, Fire Fighting

Situation Assumption: There may be a massive destruction, aggressive fire explosions, there may be a need of repairing leakages to reduce fire explosions, situation can aggravate due to mishandling or carelessness

Primary Agency : Delhi Fire Service

Supporting Agencies : Trained fire fighting/search and rescue team of incident site and nearby installations (IOCL, BPCL, HPCL), Civil Defence and Home Guard, Police department

Immediate Tasks :

1. TL will activate the ESF and give instructions to the QRTs to reach at incident site to person rescue operations
 2. TL will coordinate with ICP and EOC to judge the situation
 3. TL will coordinate in deputing rescue team to enter in hazardous areas
 4. TL will coordinate with technical experts, safety coordinators and material coordinator for Quick response in case of any requirement in conducting rescue operations
- Immediate Tasks of QRTs:

Fire fighting teams will undertake these services in case of extreme fire explosions and chemical disaster **On-scene Assessment:**

1. First fire vehicle to reach at incident site will contact the site controller and collect the necessary information regarding chemical leak, action taken, current status and type of equipment required
2. Driver will park their vehicle in a manner to prevent exposure to air-borne chemical contaminants and fire explosions
3. Each crewmember will wear the necessary PPEs (Personnel Protective Equipments) before entering in the "hot zone". They will work in pairs and coordination
4. The situation will be communicated to the FCR to provide the update of additional resource and manpower requirement.

Plugging/Stopping of Leaks:

Few crewmembers having good knowledge of basic tools and knowledge to limit the losses from punctured or leaking tanks will work for plugging holes. Plugs of varying sizes and shapes (conical, cylindrical, square or wedge shaped wood pieces, rubber or metal sheets) can be jammed in the holes to reduce the leaking.

Suppression of Hazardous Gas or Vapour Releases Based on the guidance of technical coordinators, the response team shall take rapid measures to reduce the rate of amount of hazardous vapors or gases entering in the atmosphere using one or combination of the following measures.

- Physical restriction of liquid pool surface areas, transfer to an alternate or standby container if available.
- Use of fire-fighting or specialized hazardous material foams, dilute or coverage of liquid pools with water or other compatible liquids.
- Use of water sprays or fogs, neutralization of spilled liquids, cooling of spilled liquids or venting tanks.

Search and Rescue Operations

1. According to the instructions of rescue coordinators QRTs should enter into the hazardous areas and rescue injured and trapped people.
2. For common safety practice, QRTs should work in pairs.
3. QRT should initiate search and rescue operations of trapped people under the guidance of technical experts.
4. QRT of rescue operations should carry a self-contained breathing apparatus (SCBA) to carry out their mission without falling victim. They should also carry a spare SCBA unit which will help them to escape people trapped in the hazardous areas and also sometimes rescue workers require extra air supplies to accomplish prolonged rescue.

Coordinating ESFs : Law and Order, Relief, Evacuation, Water Supply

4. Law and Order.

Situation Assumption: There may be a chaos in the affected area. People may rush without proper following proper instructions which may increase the expected loss. Traffic may become out of control and lead to jams.

Primary Agency : Police Department (Police and Traffic Police)

Supporting Agencies : Civil Defence and Home Guard

Immediate Actions of Police:

1. Deploying quick response teams (QRTs) to maintain law and order at the incident site.
2. QRTs deployed at the site will be equipped and will coordinate with following activities.
3. Quick Assessment of law and order situation in affected areas.
4. Cordon off the site to restrict movement of curious onlookers, vehicles and pedestrians.
5. Control and monitor traffic movements.
6. Support and coordinate with local administration.
7. Prepare updates on the law and order situation in every 2 hours and brief the authorities.
8. Ensure law and order at assembly points and evacuation points.
9. Control situation of rioting and looting and cordon off affected areas.
10. Provide traffic diversions so as to ease movement of response vehicles to incident site.
11. Gather and disseminate information about the traffic flow on alternate routes for decongestion.
12. Ensuring law and order in rehabilitation centers.
13. Communicate with PCR on regular basis regarding field activities including deployment of manpower and resources.
14. To advice home-guards and civil defence to remain alert for responding to call from

Police.

15. To contact nearby hospitals for making emergency arrangements for receiving injured persons.

Immediate actions of Traffic Police:

1. To coordinate and communicate with concerned functionaries.
2. To detail traffic staff to reach the place of occurrence.
3. To give directions whenever necessary to ensure free passage for fire brigade ambulance, police vehicles and vehicles of other respondents.
4. DCP (traffic) to coordinate with the DTC and other private transporters for additional vehicles Coordinating ESFs Communication, Search and Rescue, Transport, Help lines and Warning dissemination and Relief Supply etc.

5. Medical Response and Trauma Counseling

Situation Assumption: Expect large number of casualties There may be a requirement of more trained professionals and specialists in various fields There may be a requirement to maintain a close contact with the other major hospitals in case of more severe conditions

Primary Agency : Directorate of Health Service

Secondary Agencies : CATS, RML, LHMC, Safdarjung Hospital NDMC- Health Department, SDMC Health Dept., DHS, St. John Ambulance, IMA representatives, NCC, NSS, NYKS and NGOs

Immediate Actions:

1. Ensure the adequate number of medical professional to reach at the site including specialist in chemical exposure handling.
2. DGHS in consultation with the respective medical superintendents of major hospitals should prepare a mass causality plan.
3. Ensure high sanitation standards at resettlement site to reduce epidemic outbreak.
4. Providing adequate treatments to the victims of explosions.
5. Trained professional should be mobilized by psychological support.
6. Ensure setting up of temporary information center at hospitals with the help of communication ESF.
7. Send vehicle and additional equipments.

Immediate Actions of QRTs:

Establishment of Triage Station

- a. Mass casualty situation will require establishment of field hospitals to take care for the injured and to identify stables and transport more serious cases to the hospitals.

- b. Codes should be used to recognize serious and stable cases such as red -critical, yellow-stable and green-wounded.
- c. Treatment should be provided according to the casualty of the victims.
- d. Medical coordinators should propose rehabilitation centers as per the type of casualties field hospitals shall maintain a record of all the patients so as to enable accounting of personnel and their destinations after triage.

Medical Support for Response Personnel

Properly equipped medical personnel and ambulances should be made available to check and treat injured or contaminated response personnel

Medical support at temporary shelters

- a. A team will take care of the people who become ill during evacuation or later.
- b. Team should be aware of the signs and symptoms of exposure to toxic materials so that they can easily identify victims and provide them treatment and care .
- c. contaminated individuals should be segregated from the unexposed people until they are adequately decontaminated.
- d. Special facility should be given for care of the handicapped and elderly.

Coordinating ESFs : Search and Rescue, Evacuation, Communication

6. Water Supply

Situation Assumptions: There may be a need of supplying water for fire fighting operation, there may be a need for drinking purpose, rehabilitation site might be requiring temporary/mobile toilets, there may be need to ensure clean environment.

Primary Agency : Delhi Jal Board (DJB)

Supporting Agencies : Irrigation and Flood Control Department, SDMC, Railways, NDMC

Immediate Tasks:

- a) The team leader will ensure that Quick Response Teams are on the site along with the required resources.
- b) He shall be ensuring uninterrupted supply of water for fire-fighting to all the brigades in operation.
- c) He shall coordinate with the transport coordinator for replenishing the depleted stock of water at the incident site through water tanks.
- d) Carry out the task of repairing all damages to water supply system.
- e) Arranging alternate storage of potable water at temporary shelters.
- f) Ensure restoration of potable water as per standards and procedures laid down under 'Standards for Potable Water '.

- g) Plan for emergency accommodation of water supply in or near temporary shelters.
 - h) Establish temporary sanitation facilities at the shelters.
 - i) Ensure cleanliness of sanitation facilities, relief shelters and local commandant post
- Coordinating ESFs: Shelter, Relief, Evacuation, Medical, Search and Rescue.

7. Relief (Food and Shelter) Supply

A. Food Supply Situation Assumption:

There may be a need to distribute food packets and drinking water to the victims

Action to be taken by: Food and Civil Supplies Department

Supporting Agencies:

NGOs, NCC, NSS and Education department **Immediate Tasks:**

1. The team leader(TL) will activate ESF on receiving the information about the incident and will also inform to the supporting agencies.
2. Food coordinator would gather information about the locations of shelters and number of persons housed in each of these shelters.
3. The TL will guide QRTs to reach at rehabilitation centers to provide food packages.
4. The TL will keep on coordinating about the distribution of food items to the evacuees and will give appraisal to the IC.
5. In case of shortage of food items the TL will arrange more food packages and will ensure continuous supply.

Tasks for QRTs:

1. Management and distribution of relief items to affected victims.
2. Report the progress on action them to the TL.
3. Inform the TL about more requirements of staff members, additional materials and food packages.
4. Initiate procurement of food items available at nearby markets.
5. Prepare take-home food packets for the families.
6. Ensuring equal distribution of relief material including children, aged groups, women and poor people.

Coordinating ESFs: Evacuation, Shelter, Water and Sanitation and Medical response

B. Shelter Arrangements

Situation Assumption: There may be a situation of transferring victims to the safer temporary shelter; there may also be a need to establish triage station for medical treatments

Primary Agency : Revenue Department

Supporting Agencies: Nehru Yuva Kendra Sangthan, GRC's, Education Dept, NSS, NCC, DUSIB.

Immediate Actions:

- a. The team leader (TL) would be the in-charge of rehabilitation centers who will ensure number of people evacuated, care of evacuees and availability of essential supplies.
- b. Those who will reach to the relief centers would also like to know about their missing members. TL will response to their queries and also pass on the message to the evacuation and rescue related coordinators.
- c. The Quick Response Team(QRT) will help them in arranging temporary shelters, food and sanitary facilities.
- d. Medical facilities will also be provided to the victims and injured people.

Coordinating ESFs: Search and Rescue, Evacuation, Medical Response, Law and Order, Relief Supply and Water and Sanitation.

8. & 9. Equipment Support, Debris and Road Clearance, Sanitation

Situation Assumptions: There may be a requirement of arranging equipments to perform fire fighting and search and rescue Roads may get blocked due to debris.

Primary Agency: SDMC South Zone, NDMC

Supporting Agencies: PWD, DJB, DMRC, DDA

Task Involved

- a. The team leader (TL) will inform Quick Response Teams (QRTs) and supporting agencies about the incident.
- b. Coordinate with supporting agencies to mobilize equipment form warehouse.
- c. Assessing road blockage and building damage through QRTs.

In addition to the above, coordinator would also coordinate with following activities

a) Availability of respiratory protective devices

In case of large scale explosion, sometimes there may be a shortage of protective devices. Therefore, coordinator would judge the requirement of personal protective equipments and clothing for members of emergency teams.

b) Availability of Special Protective Clothing

In the crises situation sometimes there may be requirement of more complete protection of the body by clothing that is resistant to the damaging effects of the spilled substance. Such situation may require clothing such as boots, gloves and disposable suits, air-tight fully

encapsulating 'astronaut' suits made of chemical resistant materials.

c) Ensuring availability of support services for response teams

Field response teams would be working day and night at incident site. These personnel will require rest areas, food and sanitation facilities etc. Therefore material coordinator along with the NGOs and coordinators of food and shelter will arrange rest areas, food, shelter and other facilities.

d) Maintenance of Apparatus and Equipments

There would be few equipments requiring refueling and minor maintenance for uninterrupted operation. Therefore on-scene services should be arranged so that operation can be continued without any problem.

Tasks for Quick Response Teams:

- a. Conduct damage assessment including location, number of structure damaged and severity of damage.
- b. Enlisting type of equipments required for conducting debris clearance.
- c. Report the situation and progress report to EOC and TL.
- d. Undertake construction of temporary roads to serve as access to the site by other response agencies.

Coordinating ESFs: Search and Rescue, Medical, Evacuation, Help lines and warning dissemination, Food and Shelter

10. Help Lines

Situation Assumptions: A large number of reporters are arriving at the scene to get the correct information. There is a need to spread cautions to the local people about their movement towards safer areas. There may be rumors about the information.

Primary Agency: Revenue Department

Supporting Agencies: NIC, MTNL, Publicity and Information department, Press trust of India, Important Media channels and newspapers, AIR, Doordarshan and Press Information Bureau.

Tasks Involved :

- a. Coordinator will transfer an adequate information to the large number of reporters arriving on scene and attempting to interview response teams and officers so that unwanted rumors can be reduced.
- b. Designate one specific individual and an alternate press officer to join the team of press officers.
- c. Coordinator should try to communicate the timely and right information so that

confusions and rumors can be reduced.

- d. Compile the list of telephone numbers of local radio, televisions and other related personnel who can help in air announcements.
- e. Provide the desired support to the press officers with secretariat support, photocopy machines, and means of communications with overall command of the response operations.
- f. Establish a firm policy among all local officials and response personnel as to who should speak or should not speak to media personnel ensure that key emergency response personnel understand the need to relay up-to- date 'status report' to press on a regular basis.

Coordinating ESFs: Search and Rescue, Evacuation, Relief and Shelter, Transport, law and Order and Medical Response etc.

11. Electricity

Situation Assumptions: Expect electric short circuits in the affected area which may aggravate the fire explosions. Electric fitting of the affected areas may get damaged and may need to be repaired; there may be a requirement of temporary lightening arrangements in the relief shelters and local commandant post.

Primary Agency: TPDDL-Tata power Delhi distributor limited

Supporting Agencies: NDPL, BSES, NDMC, TRANSCO

Task Involved : Team leader will activate the Emergency Support Function (ESF) by informing his headquarter team and field team.

: Informing nodal and supporting agencies about the incident.

a. Notification and shutdown of electricity utilities

Major explosions may be caused by breaking of power supply line and electrocution hazard to those who might contact with any downed lines. To avoid such cases, it is desired to shutdown electric power system rapidly in the area and nearby areas. As per the instruction given by IC, coordinator should instruct to concerned officers of TPDDL to shut down the power supply immediately.

b. Provisioning Backup Power during Emergency

Once power system is closed down, but power would still be required for response teams, ICP, EOC, water supply stations, temporary houses and temporary hospitals. Therefore electricity coordinator will be responsible for providing back-up or alternate source of uninterrupted power supply for smooth operations.

In addition to the above, QRTs should also undertake following responsibilities:

- a. Take stock of situation immediately on reaching the incident site.
- b. Coordinate with other team leaders and provide essential help expected from the electricity department.
- c. Conduct repairing work of dismantled connections.
- d. Provide temporary electricity supply to EOC, ICP and relief centers.
- e. Report to the team leader about the situation appraisal.

Coordinating ESFs: Road and Debris Clearance, Incident Command Post, Relief and Shelter, Medical response etc.

ESF -12 Transport

Background: The ESF on Transport should ensure smooth transportation links at state and district level. Within the disaster context, quick and safe movement of material and humans are a priority. It should coordinate the use of transportation resources to support the needs of emergency support forces requiring transport capacity to perform their emergency response, recovery and assistance missions.

Situation assumptions

- The state civil transportation infrastructure will sustain damage, limiting access to the disaster area.
- Access will improve as routes are cleared and repaired.
- The movement of relief supplies will create congestion in the transportation services.

State nodal agency: State Department of Transport

Support Agencies: DTC, DMRC, Northern Railways, Civil Aviation, PWD, MCD and Civil Defence etc.

SOPs for Nodal Agency:

- TL of Transportation ESF will activate the ESF on receiving the intimation of the disaster from State EOC.
- TL would inform Nodal Officers (NOs) of support agencies about the event and ESF activation.
- TL establishes contact with the district EOC for FIR.
- TL requests for reports from local Transportation ESF contact person.
- TL communicates situation to support agencies and requests for detailed information on the status of transportation infrastructure in the affected area(s).

SOP for Quick Response Team on Transport

- The QRT members will reach to the nodal office as soon as they will get instructions to do so from the TL.

- As quick response teams will receive instructions from the nodal officer they would reach to the site immediately.
- QRTs would report the situation and the progress on action taken by the team to the respective EOCs.
- QRT will send a requirement schedule for the different modes of transportation eg. Trucks, boats, helicopters to be put on stand-by.
- QRTs will ensure timely re-establishment of the critical transportation links.
- The members of QRTs will establish temporary electricity supplies for relief material go-downs.
- Compile an itemized assessment of damage, from reports made by various electrical receiving centres and sub-centres.
- Reporting about all activities to the head office.

CHAPTER – 8

RECONSTRUCTION, REHABILITATION AND RECOVERY MEASURES

8.1. Introduction

Rehabilitation relates to the work undertaken in the following weeks and months, for the restoration of basic services to enable the population to return to normalcy. Actions taken during the period following the emergency phase is often defined as the recovery phase, which encompasses both rehabilitation and reconstruction.

Rehabilitation refers to the actions taken in the aftermath of a disaster to enable basic services to resume functioning, assist victims' self-help efforts to repair physical damage and community facilities, revive economic activities and provide support for the psychological and social well being of the survivors. It focuses on enabling the affected population to resume more-or-less normal (pre-disaster) patterns of life. It may be considered as transitional phase between immediate relief and more major, long-term development.

Reconstruction refers to the full restoration of all services, and local infrastructure, replacement of damaged physical structures, the revitalization of economy and the restoration of social and cultural life. Reconstruction must be fully integrated into long-term development plans, taking into account future disaster risks and possibilities to reduce such risks by incorporating appropriate measures. Damaged structures and services may not necessarily be restored in their previous form or location. It may include the replacement of any temporary arrangements established as part of emergency response or rehabilitation. The following sectors can be vulnerable to disaster impact, and which, therefore, will require rehabilitation and reconstruction inputs.

- Buildings
- Infrastructure
- Economic assets (including formal and formal commercial sectors, industrial and agricultural activities etc.)
- Administrative and political
- Psychological
- Cultural
- Social
- Environmental

“The disaster scenario offers a range of opportunities for affected communities to respond to the crisis, how community responds to a disaster and post disaster aid sets the tone for the transition from disaster to development”. After earthquake in Latur, people of

that area started to monitor construction works, retrofitting of houses and behaved like “community construction watch dogs” (IDR, Oxford, 2000).

As discussed earlier rehabilitation and reconstruction comes under recovery phase immediately after relief and rescue operation of the disaster. This post disaster phase continues until the life of the affected people comes to normal. This phase mainly covers damage assessment, disposal of debris, disbursement of assistance for houses, formulation of assistance packages, monitoring and review, cases of non-starters, rejected cases, non-occupancy of houses, relocation, town planning and development plans, awareness and capacity building, housing insurance, grievance redressal and social rehabilitation etc.

8.2 Post Disaster Reconstruction and Rehabilitation

Post disaster reconstruction and rehabilitation should pay attention to the following activities for speedy recovery in disaster hit areas. The contribution of both government as well as affected people is significant to deal with all the issues properly.

- Damage assessment
- Disposal of debris
- Disbursement of assistance for houses
- Formulation of assistance packages
- Monitoring and review
- Cases of non-starters, rejected cases, non-occupancy of houses
- Relocation
- Town planning and development plans
- Reconstruction as Housing Replacement Policy
- Awareness and capacity building
- Housing insurance
- Grievance redressal

8.3 Administrative Relief

The district is the primary level with requisite resources to respond to any natural calamity, through the issue of essential commodities, group assistance to the affected people, damage assessment and administering appropriate rehabilitation and restoration measures. The district level relief committee consisting of official and non-official members including the local legislators and the members of parliament review the relief measures.

New Delhi district is sub-divided into 3 sub-division i.e. Delhi cantt, Vasant Vihar and Chanakyapuri. The head of a subdivision is called the Sub-District magistrate (SDM) while the head of a Tehsil is known as a Tehsildar. When a disaster is apprehended, the entire machinery of the district, including the officers of technical and other departments, swings into action and maintains almost continuous contact with each village in the disaster threatened area.

Once the rescue phase is over, the district administration shall provide immediate relief assistance either in cash or in kind to the victims of the disaster. The DDMA New Delhi shall enter in to pre-contract well in advance and procure materials required for life saving. The office of District Magistrate is responsible for providing relief to the victims of natural & manmade disasters like fire, flood, drought, earthquakes, riots, terrorist attacks, accidents etc. The relief is provided as per the following scale fixed by the government:

I. Fire and other Accidents (caused by individual or natural calamities): need to update

- a) Death (Major) : Rs. 10,00,000/- in each case (1 Lakh ex-gratia shall be given to the family immediately and 9 lakh after documentation process is completed and approvals obtained.)
- b) Death (Minor) : Rs. 5,00,000/- in each case
- c) Permanent Incapacitation : Rs. 5,00,000/- in each case
- d) Serious injury : Rs. 2,00,000/- in each case
- e) Minor injury : Rs. 20,000/- in each case
- f) Orphaned Children : Rs. 3,00,000/- in each case

II. Bomb Blasts, Communal Riots & other, Terrorist Attacks:

- a) Death (Major) : Rs. 10,00,000/- in each case (1 Lakh ex-gratia shall be given to the family immediately and 9 lakh after documentation process is completed and approvals obtained.)
- b) Death (Minor) : Rs. 5,00,000/- in each case
- c) Permanent Incapacitation : Rs. 5,00,000/- in each case
- d) Serious injury : Rs. 2,00,000/- in each case
- e) Minor injury : Rs. 20,000/- in each case
- f) Orphaned Children : Rs. 3,00,000/- in each case

III. Loss of Moveable Property (in riots):

- a) Animals (source of income/livelihood): Rs. 5,000/- each
 - i. Farm Animals : Cows, buffaloes, sheeps
 - ii. Cart Animals : Horses, oxen, camel

- b) Norma Rickshaw : Rs. 25,000/- each
c) E -Rickshaw/E-Scooty : Rs. 50,000/- each

IV. Damage to residential unit (in riots/fire/natural calamities/(other than jhuggies):

1. Each floor shall be considered as a different residential unit and the relief amount be disbursed as follows:
 - (a) Total Damages: Rs. 5,00,000/- (Rs. 4 Lakh for damage to structure shall be divided among the owner(s) of the floor and Rs. 1 lakh for loss of household items shall be divided among occupant(s)/tenant(s) of that floor.
 - (b) Substantial Damage: Rs. 2,50,000/- (Rs. 2 lakh for damage to structure shall be divided among the owner(s) of the floor and Rs. 50,000/- for loss of household items shall be divided among occupant(s)/tenant(s) of that floor.
 - (c) Minor Damage : Rs. 25,000/-
2. An immediate relief of Rs. 25000/- will be released for each floor for loss of household items. This amount shall be divided among occupant(s)/tenant(s) and shall be adjusted from the final ex-gratia compensation amount arrived at after due diligence by the authorized officer and approval of the competent authority.
3. In case of riots, for tenant(s)/house owner(s) who have lost household goods not through fire but through looting/ theft, compensation of Rs. 1 lakh per residential unit for complete looting/theft and Rs. 50,000/- for partial looting/theft, shall be provided. However, in all such cases, furnishing of copy of FIR shall be mandatory.

V. Damage to Schools during riots:-

- a) Schools with enrolment upto 1000 students: Rs. 5,00,000/-.
 - b) Schools with enrolment more than 1000 students: Rs. 10,00,000/-
- VI. Damage to uninsured commercial property/ commercial articles (in riots/fire/natural calamities/[other than Jhuggies]**

50% of the loss up to a maximum of Rs. 5,00,000/-

This category shall also include cases of looting/theft/loss of articles in an uninsured Commercial property. However, in all such cases, furnishing of copy of FIR shall be mandatory.

Relief in case of damage to jhuggies (in case of riots/fire/etc) shall be provided as per Cabinet Decision No. 2808 dated 28.02.2020, Cabinet Decision No. 2810 dated 05.03.2020 and Order No F.1(87. Relief/ Building Collapse/2010/2663 dated 05.03.2020.

8.4 Reconstruction of Houses Damaged / Destroyed

Houses should be reconstructed in the disaster hit areas according to the following Instructions:

Owner Driven Reconstruction

Public Private Partnership Program (PPPP)

Under the PPPP the houses are reconstructed by the NGOs for the beneficiaries to be registered in the joint names of the husband and wife.

All the houses should be insured.

Owner Driven Reconstruction

Financial, technical and material assistance provided by the government.

The designs for seismic reconstruction of houses provided by the government.

The material assistance provided through material banks at subsidized rates.

Design of 20 model houses provided to the public to choose from with an option to have one own design.

8.5 Military Assistance

If the district administration feels that the situation is beyond its control then immediate military assistance could be sought for carrying out the relief operations.

8.6 Medical Care

Specialized Medical Care may be required to help the affected population. Preventive medicine may have to be taken to prevent outbreak of diseases.

8.7 Epidemics

In the relief camps set up for the affected population, there is a likelihood of epidemics from a number of sources. The strategy should be to subdue such sources and immunize the population against them. The public health centers, health departments can practice vaccination drives, public awareness to drink boiled water, use chlorine tablets to purify the water sources.

8.8 Corpse Disposal

Disposal of dead bodies is to be carried out as a part of the operation to prevent outbreak of epidemics. Minimum official requirements should be maintained as it is a very sensitive issue. The following points may be considered by the concerned authorities at the time of corpse disposal:-

1. Mass photographs of corpses,
2. Consent of the relatives or hand over to them
3. A panchnama of dead body.

8.9 Salvage

A major effort is needed to salvage destroyed structure and property. Essential services like communications, roads, bridges, electricity would have to be repaired and restored for normalization of activities.

TABLE 8.1 DEPARTMENTS RESPONSIBLE FOR SALVAGE

S. No.	Task	Department/Agency
1.	Electricity Restoration	NDMC, NDPL, BSES
2.	Debris Clearance	NDMC, MCD, PWD, CPWD
3.	Road Repair	NDMC, CPWD, PWD
4.	Communication restoration	MTNL
5.	Fallen Tree Removal	Horticulture, MCD, Forest and DSIIDC
6.	Water supply Restoration	DJB, NDMC

8.10 Outside Assistance

During disaster situations, considerable relief flows in from outside, thus there is an immediate need to co-ordinate the relief flows so that the maximum coverage is achieved and there is no duplication of work in the same area.

8.11 Special Relief

Along with compensation packages, essential items may have to be distributed to the affected population to provide for temporary sustenance.

8.12 Information

Information flow and review is essential part of the relief exercises. Constant monitoring is required to assess the extent of damage, which forms the basis of further relief to the affected areas.

8.13 Social Rehabilitation

a) **Disabled persons**

Artificial limbs fitted to affected persons.
Modern wheelchairs, supportive devices provided.

b) **Children**

Orphaned children are fostered.
Day centers set up
Orphanages established.
Child help lines established.

c) **Paraplegics**

Pension scheme introduced for paraplegics.
Physiotherapy under continuous supervision of doctors.

d) **Old Persons**

Aged persons given pensions.
Old Age Homes established.

e) **Women**

Pension sanctioned.

8.14 Recovery

The long-term recovery plans are related with Recovery and Reconstruction activities on one side and institutionalizing disaster management in district administration on the other side. There are Standard Operation Procedures (SOPs) for the Emergency Support Functions.

Recovery and rehabilitation is the final step. The incident Command System shall be deactivated as the rehabilitation phase is over. Thereafter the normal administration shall take up the remaining reconstruction works in the disaster-affected areas. These activities shall be performed by the Working Group for relief and rehabilitation under the direction of the DDMA (New Delhi)/ESFs

- ❖ There are Standard Operation Procedures (SOPs) for the Emergency Support Functions. In long term measures the following actions shall be undertaken duly.
- ❖ Constitution of Emergency Support Functions, Disaster Management Teams, Quick Response Teams, Field Response Teams
- ❖ Refresher trainings for all such teams in a regular interval of time and exercise of Mock Drills
- ❖ Continuous awareness/sensitization programmes for the stakeholders and the general Public.
- ❖ Getting pre-contract with vendors and merchant establishments to procure relief materials in times of disaster

Most of the Line Departments in the District, Autonomous Bodies and Organizations are part of the Emergency Support Functions. The action plans for ESFs for disaster management are discussed below. The DDMC shall ensure that these actions plans are updated bi annually and practiced through mock drills in the district.

8.14.1 Action Plan for Police

Response Activation

- ❖ The Nodal Officer from Delhi Police will activate the Quick Response teams.
- ❖ The Quick Response Teams will be deployed at the Onsite EOCs.
- ❖ As per the information from IMTs, more officers may be sent at site.

Actions to be taken:

- ❖ If felt, cordoning of area to restrict movement of onlookers, vehicular and pedestrian traffic should be done.
- ❖ Quick assessment of law and order situation in affected areas.
- ❖ Prepare updates on the law and order situation every 2-3 hours and brief the Incident Commander.
- ❖ Arrangements for controlling situations like rioting and looting.
- ❖ QRTs will guard property and valuables in affected areas.
- ❖ Control and monitor traffic movement.
- ❖ QRTs will provide diversion of traffic on alternate routes as and when it is necessary.
- ❖ The QRTs will also provide information about traffic flow along various corridors, especially heavy traffic or congested roads.
- ❖ QRTs will communicate to police control rooms, details on the field activities including deployment and reinforcement of staff and resources and communicate nature of additional requirements.
 - Equipments to be brought:
 - Search Lights
 - Electric Generators
 - Crane- Heavy Duty, Fork Type
 - Recovery Van
 - Stretchers
 - First Aid Kits
- ❖ Vehicles: Mini Buses, heavy truck, light ambulance vans, mobilization trucks
- ❖ Water tanker.
- ❖ Any other

8.14.2 Action Plan for Delhi Fire Service

Response Activation:

- ❖ As soon as the Nodal Officer gets information about the disaster, he should reach the EOC.
- ❖ The Quick Response Teams will be deployed at the Onsite ICP.
- ❖ As per the information from IMT, more officers may be sent at site.

Actions to be taken:

- ❖ At the site, QRTs should contact the local volunteers and local people to gather information about vulnerable areas so that search and rescue operation can take place through a proper channel in heavily dense areas, large buildings, community centres, hotels, hospitals, public buildings and any other area having large gathering.
- ❖ Locate the damaged and collapsed structures and rescue the population buried and trapped in rubble.
- ❖ The injured people should be taken out of damaged buildings etc with utmost care.
- ❖ Special care to women and children groups should be given as they are expected to be more affected and helpless in case of any emergency situation.

- ❖ Coordinate with the Transportation ESF if a large number of medical professionals need to be sent to the affected sites and/or a large number of victims need to be transported to health facilities.

Equipments to be brought:

- ❖ Water Tenders
- ❖ Ladder Platforms
- ❖ Haz Mat Van
- ❖ Concrete Cutter
- ❖ Other equipments necessary for Search and Rescue Operations, depends upon need.

8.14.3 Action Plan for Civil Defence & Home Guards

Response Activation:

- ❖ As soon as the Nodal Officer gets information about the disaster, reach the EOC.
- ❖ The Quick Response Teams will be deployed at the three sites.
- ❖ As per the information received from IMT, more officers may be sent at site.

Actions to be taken:

- ❖ Support and coordinate with the Incident Command System of New Delhi for Law and Order, Search and Rescue and Medical Response and Trauma Counselling functions.
- ❖ Locate the damaged and collapsed structures and rescue the population buried and trapped in rubble.
- ❖ The injured people should be taken out of damaged buildings etc with utmost care.
- ❖ Special care to women and children groups should be given as they are expected to be more affected and helpless in case of any emergency situation.
- ❖ In case of fire, the CD team members should do fire fighting.
- ❖ First Aid should be provided along with the members of ESF on Medical Response
- ❖ Demonstrate Search and Rescue.

Equipments to be brought:

1. Extension Ladders
2. Sledge Hammers
3. Lifting Tackles
4. Stretchers
5. Tarpaulins
6. Any other

8.14.4 Action Plan for BSES

Response Activation:

- ❖ As soon as the Nodal Officer gets information about the disaster reach the EOC.
- ❖ The Quick Response Teams will be deployed at the three sites.

- ❖ As per the information received from IMT, more officers may be sent at site.

Actions to be taken:

- ❖ TL will dispatch emergency repair teams equipped with tools, tents and food.
- ❖ Assist hospitals in establishing an emergency supply by assembling generators and other emergency equipments, if necessary.
- ❖ The members of QRTs will establish temporary electricity supplies for other key public and private water systems.
- ❖ The members of QRTs will make arrangements for temporary electricity supplies for transit camps, feeding centres, relief camps and Onsite ICP, District EOC and on access roads to the same.
- ❖ The members of QRTs will establish temporary electricity supplies for relief material go downs.
- ❖ Compile an itemized assessment of damage, from reports made by various electrical receiving centres and sub-centres.
- ❖ Report about all the activities to the head office.

Equipments

All material required for restoration of supply available with the company in Field Offices/Stores.

Action Plan

For effective control and management of a disaster, an action plan and organization shall be prepared by each Circle In-charge (General Manager) along with the responsibilities.

Action Plan for emergency management shall consist of the following factors:

1. Responsibility of employees about first information.
2. Responsibilities of Emergency Support Function team Manager.
3. Responsibilities of various teams constituted to deal with specific emergency requirement.
4. Responsibility of BM (D) for "All Clear" signal.

First Information

The first person who observes/ identifies the hazardous incident shall inform by shouting and going/running to the nearest telephone (but while doing so, he will ensure that he is not entering into an area of hazards) and he will telephone to the following in terms of priority:-

1. Nearest Distt.Fire Station & **Disaster Control Room No.-1077**
2. Security Staff
3. Telephone Exchange

4. Shift in Charge

Essential Staff

The following employees will also be required to help in the above works:

- a. Attendants
- b. First aiders
- c. Personnel for emergency engineering works such as providing extra lighting etc.
- d. Personnel for transporting equipment to the incident site from the other parts of the works.
- e. Personnel acting as runners in case there are communication difficulties.
- f. Personnel for manning power station/sub-station entrance, liaison with police, to direct emergency vehicles, to control traffic leaving the plant and to turn away or make alternate arrangements for visitors and other traffic arriving at the plant.

It is the responsibility of the BM (D) to identify the above essential staff and form a Task Force, which reports at defined locations so that they can be readily contacted. It is also the responsibility of the BM (D) to remove all non-essential staff away from the hazard.

1. RESPONSIBILITIES OF TEAMS

a) Emergency Support Function Team

- Identify source of hazard and try to neutralize/contain it.
- Isolate/restore the power and keep it in safe condition.
- Organize all support services like operation of fire tender, police, security etc.
- Any other responsibility as decided by Team Leader, looking into the circumstances at the time of the disaster.

b) Maintenance Team

- Attend to all emergency maintenance jobs on priority basis.
- Take steps to contain or reduce the level of hazard that can create a disaster.
- Organize additional facilities as desired.
- Any other responsibility as decided by Team Leader, looking into the circumstances at the time of the disaster.

c) Security Team

- Man all the gates.
- Bar entry of unauthorized persons and non-essential staff.
- Permit with minimum delay the entry of all authorized personnel and outside agencies, vehicles, etc. who have to assist.

- Allow ambulances/evacuation vehicles through without normal checks.
- Any other responsibility as decided by Team leader, looking into the circumstances at the time of the disaster.

d) Administrative Team

- Rescue casualties on priority basis.
- Transport casualties to first aid post, safe places or medical centers.
- Account for personnel.
- Help in search for missing personnel.
- Pass information to the kith and kin of fatal and injured persons.
- Make all arrangements regarding transportation.
- Any other responsibility as decided by Team Leader, looking into the circumstances at the time of the disaster.

e) Dist. Safety committee Team

- Arrange required safety requirement
- Record accidents.
- Collect and preserve evidence in connection with accident, guide authorities on all safety related issues.
- Any other responsibility as decided by Team Leader, looking into the circumstances at the time of the disaster.

f) Medical Team

- Arrange first aid material/stretcher and reach accident site quickly.
- Arrange for immediate medical attention.
- Arrange for sending the casualties to various hospitals and nursing homes etc.
- Ask specific medical assistance from outside including through Medical Specialists.
- Any other responsibility as decided by Team Leader, looking into the circumstances at the time of the disaster.

Action to be taken by BSES

Flood

- a) Disconnect/Isolate the supply.
- b) Inform the disaster control room (Govt.)-Tel. No. 1077 with the following information:
 - No. of effected persons.
 - Location and Time.

- Installation affected.

Also inform BSES.

- Circle Control
- System Control
- Circle Head (O&M)

Earthquake

- a) Disconnect/Isolate the supply.
- b) Inform the disaster control room (Govt.)-Tel. No. 1077 with the following information:
 - No. of effected persons.
 - Location and Time.
 - Installation affected.

Also inform BSES.

- Circle Control
- System Control
- Circle Head (O&M)

Fire

- a) Disconnect the supply and inform the following
 - Fire Control Room, Tel No.-101
 - Police Control Room, Tel No.-100
 - Govt. Control Room (Disaster), Tel No.-1077

With the following details

- No. of effected persons.
- Location and Time.
- Installation affected.

Also inform BSES.

- Circle Control
- System Control
- Circle Head (O&M)

Terrorist Activity

Inform Police Control at Tel No. 100 along with the following details-

- Location.
- No. of Effected Persons.

- Nature of Attack.

Also Inform

- Govt. Disaster Control Room at 1077.
- Try to save yourself and Government Property.
- Guide the escape route to be effected persons if conversant.

8.14.5 Action Plan for MTNL

Goal: The MTNL is primarily responsible for restoration of communication facilities. The MTNL should ensure the smooth flow of information that can cater to the outreach in a time-sensitive manner at state level in response efforts.

Response Activation:

- ❖ Soon after receiving information about disaster (from any source), Nodal Officer will contact State/District Emergency Operations Centre.
- ❖ The Nodal Officer from MTNL will activate the Quick Response Teams.
- ❖ The Quick Response Teams will be deployed at the three incident sites.
- ❖ As per the information from Incident Management Team, more teams may be deployed at affected sites.

Actions to be taken:

- ❖ Communicate situation to support agencies (Tata, Airtel, Hutch, Idea, NIC, and HAM etc.) and request for detailed information on the status of equipment and infrastructure damage in the affected area(s).
- ❖ Launch assessment mission to understand better the nature of damage to telecom services and network.
- ❖ Ensure possible arrangements for establishing reliable and appropriate network.
- ❖ Work out a plan of action for private telecom companies and convene a meeting to discuss and finalize the modalities.
- ❖ Compile and communicate Action Taken Report to District and State Authorities.
- ❖ New numbers and details of contact persons to be communicated to Emergency Operations Centre (District/State).
- ❖ Mobile exchanges should be deployed as alternative mode of communication for authorities and general public.
- ❖ Establish telephone facilities for the public and information on this should be announced through media.
- ❖ Monitor the situation and arrange for emergency staff required to operate systems established.
- ❖ Inform district/state authorities on debris clearance of the work required.
- ❖ Initiate temporary rehabilitation work required.
- ❖ Launch rehabilitation work and arrange for repairs and relocation, if required.

- ❖ Make available various types of equipment/material/ technical manpower and services, if requested.

Equipments to be brought:

- ❖ Emergency Communication Van with GSM and CDMA services.
- ❖ Other necessary equipments to restore communication network / set-up alternative emergency communication.

8.14.6 Action Plan for Private Mobile Operators

Goal: The MTNL is primarily responsible for restoration of communication facilities. The private operators should ensure the smooth flow of information that can cater to the outreach in a time-sensitive manner at state level in response efforts.

Response Activation:

- ❖ Soon after receiving information about the calamity (from any source), Nodal Officer will contact Team Leader from MTNL.
- ❖ The Nodal Officer will activate the Quick Response Teams.
- ❖ The Quick Response Teams will be deployed at the three incident sites.
- ❖ As per the information from Incident Management Team, more teams may be deployed at affected sites.

Actions to be taken:

- ❖ Communicate situation to MTNL and arrange for detailed information on the status of equipment and infrastructure damage in the affected area(s).
- ❖ Launch assessment mission to understand better the nature of damage to telecom services and network.
- ❖ Ensure possible arrangements for establishing reliable and appropriate network.
- ❖ Work out a plan of action for restoration and convene a meeting to discuss and finalize the modalities.
- ❖ Compile and communicate Action Taken Report to MTNL.
- ❖ New numbers and details of contact persons to be communicated to Emergency Operations Centre (District/State).
- ❖ Mobile exchanges should be deployed as alternative mode of communication for authorities and general public.
- ❖ Establish telephone facilities for the public and information on this should be announced through media.
- ❖ Monitor the situation and arrange for emergency staff required to operate systems established.
- ❖ Inform district/state authorities on debris clearance of the work required.
- ❖ Initiate temporary rehabilitation work required.

- ❖ Launch rehabilitation work and arrange for repairs and relocation, if required.
- ❖ Make available various types of equipment/material/ technical manpower and services, if requested.

Equipments to be brought:

- ❖ Emergency Communication Van with GSM and CDMA services.
- ❖ Other necessary equipments to restore communication network / set-up alternative emergency communication.

8.14.7 Action plan for HAM radio operators

- ❖ Inform other HAM clubs, individuals from other parts of Delhi.
- ❖ HAM radio operators, through their association, call active members to set up a HAM communication system.
- ❖ Coordination mechanisms to be shared with critical authorities.
- ❖ Setup alternative communication network till the main communication linkages restored.

8.14.8 Action Plan for Municipal Corporation

Actions to be taken

- ❖ MUNICIPAL CORPORATION will bring debris of heavy RCC structures (having beams/columns) and put dummies beneath the debris. This will facilitate demonstration of search & rescue operations. Soon after search and rescue team leave the site, MUNICIPAL CORPORATION will mobilize equipments for debris clearance.
- ❖ MUNICIPAL CORPORATION will assume main role in Equipment support, debris and road clearance, on receiving the intimation of the disaster from State EOC.
- ❖ MUNICIPAL CORPORATION will coordinate with the supporting agency's officers to mobilize equipments from the ware houses.
- ❖ The respective supporting agencies will contact their respective personal to move the equipments to central warehouse.
- ❖ The equipments like JCB, concrete cutters identified as per the need will be transported to the site.
- ❖ On receiving intimation on the intensity of the damages of structure, the nodal officer will make an assessment on of the damages of roads and structures reported at the site and surrounding areas.
- ❖ The Supporting Agencies nodal officers will call for personal to immediately start debris clearance operation to enable movement to the affected site.
- ❖ A review of the current situation is taken up by the nodal agency to update the support agencies to delegate their respective personnel to take precautionary measure to plan de-routes for the transportation ESF's to be operational.

- ❖ All supporting agencies will inspect the road/rail network and structures within the disaster site and surrounding.
- ❖ MUNICIPAL CORPORATION will also ensure proper corpse disposal and post mortem by coordinating with ESF on medical response.
- ❖ Assessment of damage (locations, no. of structures damaged, severity of damage).
- ❖ The QRTs will be deployed at the affected site.
- ❖ Enlisting the types of equipment as compiled from resource inventory required for conducting the debris clearance.
- ❖ The QRTs will report the situation and the progress in response activities to the respective EOCs.
- ❖ Undertake construction of temporary roads to serve as access to temporary transit and relief camps, and medical facilities for disaster victims.
- ❖ Undertake repair of all paved and unpaved road surfaces including edge metalling, pothole patching and any failure of surface, foundations in the affected areas by maintenance engineer's staff and keep monitoring their conditions.
- ❖ Ensure a critical number of medical professionals to reach the site including specialists from outside the state.
- ❖ If temporary living arrangements are being made from the affected populace, the MUNICIPAL CORPORATION must ensure high standards of sanitation in settlements in order to prevent the multiplicity of the disaster.
- ❖ It should also ensure the provision of medicine and other medical facilities required at the disaster site and the hospital health centres catering to disaster victims.
- ❖ In case of orthopaedic care required in disasters like earthquakes the immediate response would have to be complimented by a follow up treatment schedule for a majority of the patients in/ near their place of residence.
- ❖ MUNICIPAL CORPORATION should ensure setting up of temporary information centres at MUNICIPAL CORPORATION hospitals with the help of ESF on help lines and warning dissemination.
- ❖ MUNICIPAL CORPORATION will coordinate, direct, and integrate state level response to provide Equipments support, relief camps establishment, and sanitation health assistances.
- ❖ Mobilizes different modes of transportation e.g. trucks, etc to be put on stand-by.
- ❖ Assist timely re-establishment of the critical transportation links.
- ❖ Establish temporary electricity supplies for relief material go downs and relief camps.
- ❖ Compile an itemized assessment of damage, from reports made by various receiving centres and sub-centres.

Equipments to be brought:

- ❖ JCB, concrete breakers, cranes, Grader, Bulldozers, Gas Cutter, Jack Hammer, Tipper, Folkanes, Dumper, Aerometric Hammer for debris/road clearance, supporting rescue operations.

- ❖ Vehicles (Trucks).
- ❖ Earth movers, rescue equipments.
- ❖ Mobile medical vans.
- ❖ Other disaster management related equipments.
- ❖

8.14.9 Action Plan for PWD

Actions to be taken

- ❖ The above agencies will bring debris of heavy RCC structures (having beams/columns) and put dummies beneath the debris. This will facilitate demonstration of search & rescue operations. Soon after search and rescue team leave the site, will mobilize equipments for debris clearance.
- ❖ Assume role in Equipment support, debris and road clearance, on receiving the intimation of the disaster from State EOC/Nodal Officer of MUNICIPAL CORPORATION.
- ❖ Coordinate with the MUNICIPAL CORPORATION officers to mobilize equipments from the ware houses.
- ❖ Contact respective personal to move the equipments to central warehouse
- ❖ The equipments like JCB, concrete cutters identified as per the need will be transported to the site.
- ❖ On receiving intimation on the intensity of the damages of structure, the nodal officer will make an assessment on of the damages of roads and structures reported at the site and surrounding areas.
- ❖ The nodal officers will call for personal to immediately start debris clearance operation to enable movement to the affected site.
- ❖ A review of the current situation should be taken up by the nodal agency to update the support agencies to delegate their respective personnel to take precautionary measure to plan de-routes for the transportation ESF's to be operational.
- ❖ All supporting agencies will inspect the road/rail network and structures within the disaster site and surrounding.
- ❖ Ensure proper corpse disposal and post mortem by coordinating with ESF on medical response.
 - Assessment of damage (locations, no. of structures damaged, severity of damage)
 - The QRTs will be deployed at the affected site.
 - Enlisting the types of equipment as compiled from resource inventory required for conducting the debris clearance
 - The QRTs will report the situation and the progress in response activities to the respective EOCs.
 - Undertake construction of temporary roads to serve as access to temporary transit and relief camps, and medical facilities for disaster victims.
 - Undertake repair of all paved and unpaved road surfaces including edge metalling, pothole patching and any failure of surface, foundations in the

affected areas by maintenance engineer's staff and keep monitoring their conditions.

- ❖ Ensure a critical number of medical professionals to reach the site including specialists from outside the state.
- ❖ If temporary living arrangements are being made from the affected populace, the agencies must ensure high standards of sanitation in settlements in order to prevent the multiplicity of the disaster.
- ❖ Coordinate, direct, and integrate response to provide Equipments support, relief camps establishment, and sanitation health assistances.
- ❖ Mobilizes different modes of transportation e.g. Trucks, etc to be put on stand-by.
- ❖ Assist timely re-establishment of the critical transportation links.
- ❖ Establish temporary electricity supplies for relief material go downs and relief camps.
- ❖ Compile an itemized assessment of damage, from reports made by various receiving centres and sub-centres.

Equipments to be brought

- ❖ JCB, concrete breakers, cranes, Grader, Bulldozers, Gas Cutter, Jack Hammer, Tipper, Folkanes, Dumper, Aeromatic Hammer for debris / road clearance, supporting rescue operations.
- ❖ Vehicles (Trucks), Earth movers, rescue equipments, Mobile medical vans.
- ❖ Other disaster management related equipments.

8.14.10. Action Plan for Directorate of Health Services

Response Activation:

- ❖ Nodal Officer will call nodal officers of supporting agencies.
- ❖ In coordination with the transportation ESF, it will ensure a critical number of medical professionals to reach the sites including specialists.
- ❖ If temporary living arrangements are being made from the affected populace, must ensure high standards of sanitation in settlements in order to prevent the multiplicity of the disaster.
- ❖ Also ensure the provision of medicine and other medical facilities required at the disaster site and the hospital health centres catering to disaster victims.
- ❖ In case of orthopaedic care required, immediate response would have to be complimented by a follow up treatment schedule for a majority of the patients' in/ near their place of residence.
- ❖ Trained professionals should be mobilized by psychosocial support.
- ❖ Ensure setting up of temporary information centres at hospitals with the help of ESF on help lines and warning dissemination.
- ❖ Coordinate, direct, and integrate state level response to provide medical and sanitation health assistances.

Actions to be taken:

- ❖ Ready all hospitals (including private hospitals) for managing large no. of casualties and severely injured population.
- ❖ Sufficient stock of required medicines, vaccines, drugs, plasters, syringes, etc.
- ❖ Provide systematic approach to patient care (Mass Casualty Management).
- ❖ Triage done to determine who needs to be taken to a medical facility on a priority basis and who can be treated on-site. (CATS, DHS, CGHS).
- ❖ First-aid provided as required (CATS, DGHS, CD, Red Cross, St. Johns).
- ❖ Patients Stabilized before transport (CATS, DHS).
- ❖ Patients transported to nearest available medical facility having the required facilities (CATS, CD, St. Johns).
- ❖ Trauma counseling provided to the victims and their relatives at the site and in the hospital.
- ❖ In the hospital emergency department, triage carried out again to prioritize treatment, and appropriate care provided.
- ❖ Maintain patient tracking system to keep record of all patients treated.
- ❖ Deploy mobile hospitals as needed.
- ❖ Arrange for additional blood supply; organize blood donation camp for additional blood requirement.
- ❖ Provide for sending additional medical personnel equipped with food, bedding, and tents.
- ❖ Send vehicles and any additional medical equipment.
- ❖ QRTs will report the situation and the progress on action taken by the team to the respective EOCs.
- ❖ QRT's quickly assess type of injuries, no. of people affected, and possible medical needs.
- ❖ QRTs will ensure timely response to the needs of the affected victims.
- ❖ Establish health facility and treatment centres at disaster sites.
- ❖ The district civil surgeon with district/State control room should coordinate the provision of medical services.
- ❖ Procedures should be clarified between.
- ❖ Peripheral hospitals.
- ❖ Private hospitals.
- ❖ Blood banks.
- ❖ General hospitals and
- ❖ Health services established at transit camps, relief camps and affected villages.
- ❖ QRTs should maintain check posts and surveillance at each railway junction, ST depots and all entry and exit points from the affected area, especially during the threat or existence of an epidemic.

Equipments to be brought

- ❖ Mobile medical vans (Clinics) with paramedical staff as well.
- ❖ Mobile radiology units, pathology test arrangements.
- ❖ Vehicles for carrying severely injured.
- ❖ Stretchers, life saving drugs, blood etc.
- ❖ Other resources required during emergency for setting up medical camps.

CHAPTER -9

FINANCIAL RESOURCES FOR IMPLEMENTATION OF DDMP

9.1 Recommendation by 13th Finance Commission

The Thirteenth Finance Commission (2010-2015) has responded very positively to the long pending request for greater allocation of fund for disaster management. The finance commissioner suggested various recommendations to solve the issue in state and district level.

Under section 48 of the Disaster Management Act, 2005, state governments have the responsibility of establishing State and District Disaster Response and Mitigation Funds. The erstwhile State Calamity Relief Fund (CRF) is to be merged with State Disaster Response Fund. Actions need to be taken at state level for creation of such funds. In case of NCT of Delhi, there is no CRF. There is police modernization fund, which is utilized mostly to modernize the police department to fight against disaster.

An alternative mechanism is to be constituted in all the districts of Delhi to tackle the disasters. As the 13th Finance Commission recommends it, District Central shall set apart 10% of its development fund for disaster preparedness and mitigation measures. Every year, the annual allocation of 10 per cent will be a relief to the administration to organize various disaster preparedness activities in the district. Similarly each line department in the district shall allocate minimum 2 per cent to 10 per cent of its developmental fund with the same purpose.

9.2 District Calamity Relief Fund

Besides, the DDMA (New Delhi)/ ESFs of New Delhi shall constitute a District Calamity Relief Fund (DCRF). This amount shall be raised purely from the General Public through donations. There can be a committee under the leadership of the District Magistrate (New Delhi), to operate the fund. Once the fund is created, every year the DDMA (New Delhi)/ ESFs shall prepare reports on the utilization of fund, disasters faced in the previous financial year as well as potential programme planning for utilization of this fund.

9.3 State Allocations

As an alternative option, the DDMA (New Delhi)/ ESFs shall forward a request to the Government of NCT of Delhi to grant 50 per cent of the targeted DCRF as one time grant and a matching amount shall be collected from the general public through donations.

Section 46 to section 49 of Disaster Management Act, 2005 seeks to provide for the constitution of the following funds:

1. Section 46, Constitution of National Disaster Response Fund

2. Section 47, Constitution of National Disaster Mitigation Fund
3. Section 48, Seeks to provide for the establishment of State & District Disaster Response Fund and Disaster Mitigation Funds.
4. Section 49, Seeks to enjoin upon every ministry or department of Government of India to make provision of funds in its annual budget for the purposes of carrying out the activities or programmes set out in its Disaster Management Plan.

Section 39 seeks to enjoin upon each department of the State Government to allocate funds for prevention of disaster, mitigation, capacity building and preparedness. Section 50 provides for emergency procurement and accounting norms where as section 66 provides norms for payment of compensation.

9.4 District Allocations

The district authority gets 100% financial assistance from Govt. of NCT of Delhi for carrying out various activities such as sensitization programmes, trainings, street plays, mock drills etc.

Total budget spent by District New Delhi in the financial year 2021-2022 was **Rs. 1,00,65,746/- (Rupees One Crore Sixty Five Thousand Seven Hundred and Forty Six Only)**

CHAPTER -10

PROCEDURE AND METHODOLOGY FOR MONITORING, EVALUATION, UPDATION AND MAINTENANCE OF DDMP

10.1 Preparation and Updation of DDMP:

District Disaster Management Plan for the New Delhi is a public document. It is neither a confidential document nor restricted to any particular section or department of administration. The underlying principal of disaster management is that it has to be part of all departments and none can fold fingers against it.

The District Disaster Management Plan is the sum and substance of the *Horizontal and the Vertical* disaster management plans in the district. Horizontal plans included plans prepared by line departments such as Delhi Police, Delhi Fire Service, SDMC, NDMC, Delhi Civil Defence, Department of Food and Civil Supplies, Public Works Departments etc where as the Vertical plan includes Sub Divisional Plans, Community Plans, School/Hospital plans and all other logical units' plan at the lower level and State disaster management plans and National disaster management plans at the higher level.

- ✚ Preparation of plan is the ultimate responsibility of the District Disaster Management Authority DDMA (New Delhi)/ESFs) or the person / sub committee appointed by the DDMA (New Delhi)/ESFs in the district. The first draft plan is to be discussed in the DDMA (New Delhi)/ESFs and later the Chairman of the DDMA (New Delhi)/ESFs shall rectify it.
- ✚ The same procedure is to be followed in updating of the plan document. The District plan is to be updated annually by the District Disaster Management Authority or the committee appointed by the DDMA (New Delhi)/ESFs. In order to update the document, all Vertical and Horizontal plans shall be collected and incorporated to the District Plan.
- ✚ A copy of the updated document shall be circulated to each department of Government in district New Delhi.

10.2 Regular Updation of DDMP

Besides the above said procedure of updation of the DDMP, a regular data collection system shall be set up at district EOC. The EOC in-charge, under the supervision of the DDMA (New Delhi)/ESFs Chairman shall arrange to enter the collected data to an online system or make it documented properly.

10.3 Uploading of updated plan at DDMA/ SDMA websites

The updated District Disaster Management Plan has to be uploaded on the DDMA website. District New Delhi will upload its updated plan by June 2022.

CHAPTER – 11

COORDINATION MECHANISM FOR IMPLEMENTATION OF DDMP

11.1 Introduction

There are a number of participants in a typical disaster relief operation. Participants may include; national government, local government, national and international humanitarian organizations, expert and volunteer rescue teams, third-party logistics providers, suppliers of goods used for disaster relief, and the affected people.

Coordination of Response at the District Level

The District Magistrate/DC is the head of the District administrative set up and chairperson of the DDMA as per the DM Act, 2005. He has been designated as the RO in the District. The heads of different departments in the District will have separate roles to play depending on the nature and kind of disaster. The roles and responsibilities of the members of the DDMA will be decided in advance in consultation with the concerned members.

11.2 Department wise role of Primary and Secondary agencies

11.2.1 SDMC

SDMC will be involved in the following activities:

- ✓ Search and Rescue operations
- ✓ Providing Temporary Shelters
- ✓ Public Information
- ✓ Relief Distribution
- ✓ Construction materials
- ✓ Restoration of infrastructure

11.2.2 DDA

DDA will be involved in the following activities:

- ✓ Providing Temporary Shelters
- ✓ Construction materials
- ✓ Restoration of infrastructure

11.2.3 Fire Services

Fire will be involved in the following activities:

- ✓ Search and Rescue operations
- ✓ Evacuation
- ✓ Public Information

11.2.4 PWD

PWD will be involved in the following activities:

- ✓ Construction materials
- ✓ Restoration of infrastructure
- ✓ Providing temporary shelters

11.2.5 Civil Defence

Civil Defence and Home Guards will be involved in the following activities:

- ✓ Cordoning of area
- ✓ Search and Rescue operations
- ✓ Evacuation
- ✓ First Aid operations

11.2.6 Home Guards

- ✓ Providing Temporary Shelters
- ✓ Relief Distribution
- ✓ Reception/ Information Centres

11.2.7 Deptt. of Health

Deptt. Of Health will be involved in the following activities:

- ✓ Medical aid (Treatment of injuries and surgical operations)
- ✓ Health and sanitation
- ✓ Disposal of Dead (as per customs)

11.2.8 Irrigation and Flood Control

Irrigation and Flood Control Department will be involved in the following activities:

- ✓ Construction materials
- ✓ Restoration of infrastructure

11.2.9 MTNL

MTNL will be involved in the following activities:

- ✓ Communication
- ✓ Reception/ Information Centres

- ✓ Restoration of infrastructure

11.2.10 Delhi Jal Board

Delhi Jal Board will be involved in the following activities:

- ✓ Drinking Water arrangements
- ✓ Restoration of infrastructure

11.2.11 Delhi Transport Corporation

Delhi Transport Corporation will be involved in the following activities:

- ✓ Provision of vehicles
- ✓ Transportation of materials, manpower etc

11.2.12. BSES/NDPL

BSES will be involved in the following activities:

- ✓ Restoration of infrastructure
- ✓ Provision of power

11.2.13 CATS

CATS will be involved in the following activities:

- ✓ Emergency ambulance services round the clock through trained paramedics who will be mainly performing following functions:
 - ✓ Assessing the patients
 - ✓ Resuscitation
 - ✓ Stabilizing that includes clearing airway, control of bleeding and circulation, splintage etc
 - ✓ Rushing the patient to the suitable hospital
 - ✓ Paramedic services in case of disasters
 - ✓ Training of the public, students and others in emergency first aid
 - ✓ Maintaining round the clock control room, wireless connectivity with CATS control room numbers: 102/1099/23861102/23860160

11.2.14 Red Cross

Red Cross will be involved in the following activities:

- ✓ Providing Temporary Shelters
- ✓ Medical aid (Treatment of injuries and surgical operations)
- ✓ Health and sanitation

- ✓ Relief Distribution

11.2.15 St. John Ambulance

St. John Ambulance will be involved in the following activities:

- ✓ Providing first aid training
- ✓ Ambulance services
- ✓ Relief Distribution

11.2.16 I & PR Deptt.

I & PR will be involved in the following activities:

- ✓ Public Information
- ✓ Communication
- ✓ Reception/ Information Centres

11.2.17 Army and NCC

Army will be involved in the following activities:

- ✓ Search and Rescue operations
- ✓ Evacuation
- ✓ Traffic Management and Security of properties
- ✓ Temporary Shelters
- ✓ Disposal of Dead
- ✓ Relief Distribution
- ✓ Relief Supplies

11.2.18 Air Force

Air Force will be involved in the following activities:

- ✓ Search and Rescue operations
- ✓ Aerial Reconnaissance
- ✓ Evacuation
- ✓ Disposal of Dead
- ✓ Relief Distribution
- ✓ Relief Supplies
- ✓ Restoration of infrastructure

11.2.19 NGOs/ RWAs and NYKS

Emerging trends in managing natural disasters have highlighted the role of non-governmental organizations (NGOs) as one of the most effective alternative means of achieving an efficient communications link between the disaster management agencies and the effected community. In typical disaster situation, they can be of help in preparedness, relief and rescue, rehabilitation and reconstruction and also in monitoring and feedback. The role of NGOs is a potential key element in disaster management. The NGOs operating at grassroots level can provide a suitable alternative as they have an edge over governmental agencies for invoking community involvement. This is chiefly because; the NGO sector has strong linkages with the community base and can exhibit great flexibility in procedural matters vis-à-vis the government.

CHAPTER – 12

STANDARD OPERATING PROCEDURES (SOPS) AND CHECKLIST

12.1 Introduction

Disasters lead to loss of human lives on a large scale. If a formalized and timely response does not take place, the death toll can increase immensely. Therefore each district in coordination with the State formulates a District Response Plan consisting of 11 Emergency Support Functions(ESFs) related to Communication, Search and Rescue, evacuation, law and order, medical response and Trauma Counseling, water supply, electricity, warning and transport etc. All of these emergency functions consist of emergency plans that would be activated at the time of emergency.

The ESFs document outlines the purpose, scope, organization setup and Standard Operating Procedures (SOPs) for each function of operation that is to be followed by the respective ESF agencies when the Incident commander activates the response plan. Standard Operation Procedures (SOPs) provides a basic concept of the operations and responsibilities of Disaster Management Team, Nodal and Secondary agencies.

12.2 ESF Response Actions, Organisational Setup and Inter-relationships

The Response plan establishes an organised setup to conduct ESF operations for any of the Natural and Manmade Disasters. It outlines an implementing framework of sharing resources as per the requirement within National and State level department will be engaged to support during an emergency situation. The Response Plan has structured the response of all line department i.e. primary and supporting departments to be organized and function together with grouping capabilities, skills, resources, and authorities across the State and district Government with the ESF plan. The plan unifies the efforts of State Departments and supporting agencies to be involved in emergency management for a comprehensive effort to reduce the effects of any emergency or disaster within the state.

The ESF activates under the guidance of Incident Commander (District Magistrate/ Additional District Magistrate) who is also a head of Incident Commander System (ICS). Under the ICS a team of 11 ESFs nodal officers works together also called as Disaster Management Team (DMT). DMT would also be constituted at District level with district level nodal officers. The members of Disaster Management team would also heads primary agency and simultaneously coordinate with the secondary agencies. Each of the primary and secondary agencies would also comprise of quick response team trained to carry out their functions at the

response site. The success of ESF will be of critical importance and would reflect in the lives saved in the golden hour. Below a list of ESFs has been given which will activate at district level during emergency situation.

TABLE 12.1: ESFS ACTIVATED AT THE TIME OF A DISASTER

ESF	Function	Nodal Agency/ Officer	Supporting Agencies
ESF1	Communication	MTNL	Private telecom service operators, mobile phone services operators.
ESF2	Evacuation	Delhi Police	Delhi Police, Delhi fire Service, Directorate of Health Service and Civil Defence etc.
ESF3	Search and Rescue	Delhi Fire Service	Department of Revenue, Delhi Police, Civil Defence and Directorate of Health Services.
ESF4	Law & order	Delhi Police	Home guards, central paramilitary forces etc.
ESF5	Medical Response and Trauma Counseling	State Health Department CDMO	CATS, MCD, DGHS (Central Govt), Indian Red Cross, Civil Defence, Delhi Fire Service.
ESF6	Water Supply	Delhi Jal Board	MCD, NDMC, CGWC, CWC, Irrigation and Flood Control.
ESF7	Relief (Food and Shelter)	Department of Food and Civil Supplies	Department of Revenue, Urban Development, MCD, PWD/CPWD, MES, HUDCO, DDA.
ESF8	Equipment support,	Municipal Corporation of Delhi	NDMC, SDMC (South), SDMC Najafgarh Zone, NDMC Karol Bagh Zone PWD, CPWD, Cant Board.
ESF9	Debris and Road clearance	Municipal Corporation of Delhi	NDMC, SDMC (South), SDMC Najafgarh Zone, NDMC Karol Bagh Zone PWD, CPWD, Cant Board.
ESF10	Help lines, warning dissemination	Department of Revenue	Department of Information and Publicity, MTNL, AIR, Doordarshan, UNI, Press Information Bureau, Press Trust of India, PTI.
ESF11	Electricity	Secy. Power	TRANSCO, BSES, NDPL, DERC.
ESF12	Transport	Secy. Transport	DTC, DMRC, Northern Railways, Civil Aviation, PWD, MCD and Civil Defence etc.

All ESFs have to assist the Incident Commander i.e. Additional District Magistrate at District level as per their assigned duties described in the SOP's. A detailed organisational setup of all ESFs and team leaders has been given below.

12.2.1 ESF - 1 Communications

Background:

The communication ESF is primarily responsible for restoration of communication facilities. The ESF on Communication should ensure the smooth flow of information that can cater to the outreach in a time-sensitive manner at state level in response efforts.

Situation Assumptions:

- There would be a congestion in the network because of increased calls to control rooms due to panic created in the community.
- The initial reports on damage may not give a clear picture of the extent of damage to communication network.
- The affected site may cut off from the state control rooms and the officials on site and find difficulty in communicating to the District/State EOC.

Nodal agency at state level : Mahanagar Telephone Nigam Ltd. (MTNL)

Suggested supporting agencies: NIC, Revenue wireless, Ham Operators, Private tele-communication service operators and mobile phone services operators

SOPs for Nodal Agency:

- Team leader (TL) of Communication ESF will activate the ESF on receiving the intimation of occurrence of the disaster from the State EOC.
- TL would inform Nodal Officers (NOs) of support agencies about the event and ESF activation.
- TL would establish contact with the district EOC for First Information Report
- TL requests for reports from local ESF contact persons (this would be the local office of ESF Nodal Agency) to understand the current situation and action taken
- Based on information given by the supporting agencies, TL decides on the need to launch an assessment mission to estimate the extent of damage to telecom services and network as well as to come up with possible arrangements to establishing reliable and appropriate network.
- TL communicates situation to supporting agencies and also requests to provide details on the status of equipment and infrastructure in the affected area(s).
- TL informs the Incident Commander on the status of telecom services.
- TL works out a plan of action for private telecom companies and convenes a meeting of all ESF members to discuss and finalise the modalities.
- TL issues orders to establish systems and reports to State and District EOCs on the action taken. New phone numbers and details of contact persons would also be communicated. If required mobile exchanges would be deployed.

- TL gets the temporary telephone facilities established for the public. Prior information on this would be announced through media
- HAM radio operators would be informed about the current requirements and coordination mechanisms shared.
- TL monitors the situation and arranges emergency staff required to operate established systems.
- TL sends the District Quick Response (SQR) team at the affected site with the required equipments and other resources.

SOPs for Quick Response Team on Communication

- The QRT (Quick Response Team) members will reach to the nodal office as soon as they will get instructions from the TL.
- Once the QRTs receive any intimation from the nodal officer to reach at the site they would rush to the site.
- At the emergency site QRT members will take stock of the situation from the IC and would also know about their counter parts.
- QRTs would assess the ground situation and would send sectoral report to the State ESF agency. A sectoral report would contain following contents:
 - An assessment of overall damage, listing specifically:
 - Overhead route damage (in miles/kilometres).
 - Cable damage (in yards/meters).
 - Specific equipment damaged.
 - Establish a temporary communication facility for use by the public
 - Identify requirements of manpower, vehicles and other materials and equipments Give priority and concentrate on repairs and normalization of communication system at disaster affected areas.
 - Begin restoration by removing and salvaging wires and poles from the roadways with the help of casual labourers.
 - Carry out temporary building repairs to establish a secured storage area for the equipments and salvaged materials.
 - Report all activities to head office.
 - Begin restoration by removing and salvaging wires and poles from the roadways through recruited casual labourers.
 - Establish a secure storage area for incoming equipments and salvaged materials.

12.2.2 ESF - 2 Evacuation

Background: The ESF on evacuation is primarily responsible for establishing evacuation plans, identification of fastest evacuation routes and alternate routes and coordinating evacuation logistics during field operations.

Situation Assumptions

- Most of the buildings would be damaged and would not remain serviceable.
- Many structures would be damaged and there would be an urgent need to evacuate.

Nodal agency at state level: Department of Revenue

Suggested supporting agencies: Delhi Police, Delhi fire Service, Directorate of Health Service and Civil Defence, NCC, Army etc.

SOPs for Nodal Agency:

- Team leader (TL) of Evacuation ESF would activate the ESF on receiving the warning of the disaster from State EOC.
- TL would inform Nodal Officers (NOs) of supporting agencies about the event and ESF activation.
- TL will direct the QRTs to be deployed at the affected site.
- TL will gather information on availability of predefined evacuation routes.
- Where the predefined evacuation routes are not available, the nodal officer would coordinate through State EOC with other ESFs nodal officers and the support agencies about clearing of routes and identifying alternate routes.

SOPs for Quick Response Team on Evacuation

- The QRT members will reach the nodal office as soon as they get instructions to do so from the TL.
- Once the quick response teams receive an order from the nodal officer for reaching the site they would rush to the site.
- On reaching at the site the QRT members will take stock of the situation from the Incident Management Team at the site and their counter parts.
- The quick response teams with the help of local task forces will start evacuating peoples to safe shelters or open areas.
- The QRT members should concentrate more on evacuation in areas that have been worst affected by the disasters.
- Reporting about all the activities to head office.

12.2.3 ESF - 3 Search and Rescue

Background: Search and Rescue operations are one of the primary activities taken up in a post disaster situation. The promptness in these operations can make a remarkable difference in the amount of loss of life and property.

Situation Assumptions

- Local community task forces will initiate search and rescue at residential level.
- Spontaneous volunteers will require coordination.

- Access to affected areas will be limited.
- Some sites may be accessible only through air routes only.

Suggested Nodal Agency: Delhi Fire Service

Support agency: Department of Revenue, Delhi Police, Army, Civil Defence and Directorate of Health Services.

SOPs for Nodal Agency

- IC will call the TL of Primary Agency and get the ESF activated.
- TL of primary agency will call nodal officers of supporting agencies.
- TL would activate the State Quick Response Team.
- Quick Assessment of the S& R operations through Aerial surveys
- Assessments of the specific skill sets and the other equipments required.
- Using IDRN network to check and map the availability of resources in and round the disaster site.

SOP for Quick Response Team on Search & Rescue

- Assessment of damage (locations, number. of structures damaged, severity of damage)
- The QRTs will be deployed at the affected site.
- Enlisting the types of equipment required for conducting the S&R
- QRTs will report the situation and the progress in response activities to the respective EOCs.

12.2.4 ESF - 4 Law and Order

Background: The ESF on Law and Order maintains the law and protects the property and valuable commodities. It is mainly responsible to control crowd and avoid riots situations.

Situation Assumptions

- There would be panic and people will gather at a place.
- The crowds may go out of control.
- Riots may also take place.

State Nodal Agency: Delhi Police Service

Suggested Support Agencies : Civil Defence and Home guards, Central Paramilitary Forces, Army etc.

SOPs for Nodal Agency

- IC will call the TL of Primary Agency and get the ESF activated.
- TL of primary agency will call nodal officers of supporting agencies.
- TL would activate the State Quick Response Team.

- The QRTs will be deployed at the affected site.
- Cordoning of area to restrict movement of onlookers, vehicular and pedestrian traffic should be done.
- Any additional requirements at site to be taken care of.

SOP for Quick Response Team on Law and order

- Quick assessment of law and order situation in affected areas.
- Support and coordinate with Local Administration.
- Prepare updates on the law and order situation every 4-6 hours and brief the authorities.
- Controlling situations like rioting and looting, and cordon off sensitive areas.
- QRTs will guide property and valuables in affected areas.
- Control and monitor traffic movement.
- QRTs will provide diversion of traffic on alternate routes as and when it is necessary.
- The QRTs will also provide information about traffic flow along various corridors, especially heavy traffic or congested roads.
- QRTs will communicate to police control rooms, details on the field activities including deployment and reinforcement of staff and resources and communicate nature of additional requirements.

12.2.5 ESF -5 Medical Responses and Trauma Counseling

Background: The ESF on Medical Response and Trauma Counseling will look after emergency treatment for the injured people immediate after the disaster take place.

Situation Assumptions

- Emergency Medical services will be required by affected population.
- Likely outbreaks of epidemic diseases after the disaster.
- Hospital services would be affected.

Suggested Nodal Agency: State Health Department

Suggested Support Agencies: CATS, MCD, DGHS (Central Govt), Indian Red Cross, Civil Defence, Delhi Fire Service.

SOPs for Nodal Agency

- IC will call the TL of Primary Agency and get the ESF activated.
- Team leader (TL) of primary agency will call nodal officers of supporting agencies.
- In coordination with the transportation ESF, it will ensure a critical number of medical professionals to be reached at the site including specialists from other states.

- If temporary housing arrangements are being made for the affected population, the ESF must ensure high standards of sanitation in settlements in order to reduce epidemic outbreak.
- Ensuring the provision and continuous supply of medical facilities (medicines, equipments, ambulances, doctors and manpower etc) required at the disaster affected site and the hospital health centers catering to disaster victims.
- In case of orthopedic care required in disasters like earthquakes the immediate response would have to be complimented by a follow up treatment schedule for a majority of the patients in/ near their place of residence.
- Trained professionals should be mobilized by psychosocial support.
- Ensuring setting up of temporary information centers at hospitals with the help of ESF through help lines and warning dissemination system.
- TL will coordinate, direct, and integrate state level response to provide medical and sanitation health assistances.
- On the recommendations of the EOC, the TL also responsible to :
- Send required medicines, vaccines, drugs, plasters, syringes, etc.
- Arrange for additional blood supply. Send additional medical personnel equipped with food, bedding and tents etc.
- Send vehicles and any additional medical equipment.

SOP for Quick Response Team (QRT) on Medical Response and Trauma Counseling

- QRTs will provide situation and progress reports on the action taken by the team to the respective EOCs.
- QRT's will assess type of injuries, number of people affected and possible medical assistance needs.
- QRTs will ensure timely response to the needs of the affected victims such as:
- Establishing health facility and treatment centers at disaster sites.
- Providing medical services as reported by the District Civil Surgeon with District Control Room.
- Procedures should be clarified in between:
 - Peripheral hospitals
 - Private hospitals
 - Blood banks
 - General hospitals and
 - Health services established at transit camps, relief camps and affected villages.
- QRTs should maintain check posts and surveillance at each railway junction, State Transport Bus depots and all entry and exit points from the affected area, especially during the threat or existence of an epidemic.

12.2.6 ESF- 6 Water Supply

Background

The ESF on drinking water and water supply will ensure provision of basic quantity of clean drinking water and water for other purposes in a manner that does not allow the spread of diseases through the contamination of water.

Situation Assumptions:

- Existing water storage bodies will be damaged and unusable.
- There would be an urgent need of water to assist victims in rescue operation.
- Break down of sanitation system.
- Contamination of water due to outflow from sewers or due to breakage of water pipelines.

State Nodal agency: Delhi Jal Board

Support Agency: MCD, Irrigation and Flood Control

SOPs for Nodal Agency

- Team leader (TL) of ESF on Water Supply will activate the ESF on receiving the intimation of the disaster from State EOC.
- TL would inform Nodal Officers (NOs) of support agencies about the event and ESF activation.
- TL will ensure special care for women with infants and pregnant women.
- Provide for sending additional support along with food, bedding, tents.
- Send vehicles and any additional tools and equipments needed.

SOP for Quick Response Team (QRT) on Water Supply

- QRTs will ensure that supply of drinking water is made available at the affected site and relief camps.
- QRT's will ensure the temporary sewerage lines and drainage lines are kept separate.
- QRTs will report the situation and the progress on action taken by the team to the EOC.
- QRTs will intimate their TL of the additional resources needed.
- Carry out emergency repairs of all damages to water supply systems.
- Assist health authorities to identify appropriate sources of potable water.
- Identify unacceptable water sources and take necessary precautions to ensure that no water is accessed from such sources, either by sealing such arrangements or by posting the department guards.
- Arrange for alternate water supply and storage in all transit camps, feeding centres, relief camps, cattle camps, and also the affected areas, till normal water supply is restored.
- Ensure that potable water supply is restored as per the standards and procedures laid down in "Standards for Potable Water".
- Plan for emergency accommodations for staff from outside the area.
- QRTs will ensure timely response to the needs of the affected victims.

- QRTs will set up temporary sanitation facilities at the relief camps.

12.2.7 ESF – 7 Reliefs (Food and Shelter)

Back Ground: In the event of a disaster there would be a need of disbursing relief materials due to massive destruction of life and property taken place. The ESF on Relief should ensure coordination of activities involving with the emergency provisions of temporary shelters, emergency mass feeding and bulk distribution of relief supplies to the disaster victims as also the disaster managers and relief workers.

Situation Assumptions

- Probability of shortage of a critical resource.
- Immediate assistance to the community at the time of resource shortage particularly when affected area is larger.

State Nodal Agency: Department of Food and Civil Supplies.

Support Agency: Department of Revenue, Urban Development, Municipal Corporation of Delhi, PWD, Delhi Development Authority,

SOPs for nodal agency

- TL will activate the ESF on receiving the information of the disaster from State EOC.
- TL would inform Nodal Officers (NOs) of support agencies about the event and ESF activation.
- TL will coordinate with all state and district level suppliers as identified with under IDRN.
- TL will coordinate with other ESFs related to transportation, debris and road clearance to ensure quality supply chain management of relief materials.
- Ensuring composite relief with availability of complimentary relief material.

SOP for Quick Response Team (QRT) on Relief

- QRTs will report to site of the relief camps.
- QRTs will be responsible to manage and distribute relief items to the affected victims.
- QRT's will be responsible for reporting the progress on action taken by the team to the EOC.
- QRTs will provide information to their TL about the need of additional resources.
- Clearing of the areas to establish relief camps.
- Setting up relief camps and tents using innovative methods that can save time.
- Assist local authorities to set up important telecom and other service related facilities.
- Initiate, direct and market procurement of food available from different inventories and reassuring food supplies to the affected population.
- Preparing take-home food packets for the families.
- Ensuring distribution of relief material to the all the people including vulnerable groups of the target area such as women with infants, pregnant women, children, aged people and handicapped.

- Ensuring support to Local Administration.
- Locating adequate relief camps based on damage survey.
- Develop alternative arrangements for population living in structures that might be affected even after the disaster.

12.2.8 ESF- 8 & 9 Equipment support, Debris and Road clearance

Background: The importance of this ESF emanates from the fact that most large scale hazards such as earthquakes, cyclones, floods primarily affect the building structures.

Situation Assumptions

- Access to disaster-affected area would depend upon the re-establishment of ground and water routes.
- Early damage assessment may be incomplete, inaccurate and general. A rapid assessment may be required to determine response time.
- Engineers and masons may be required in large scale for the inspection of present buildings.

State nodal agency: Municipal Corporation of Delhi

Support Agencies: PWD, DDA, DMRC, DTC,

SOPs for Nodal Agency:

- Team leader (TL) will activate the ESF on receiving the information of the disaster from State EOC.
- TL would inform Nodal Officers (NOs) of support agencies about the event and ESF activation.
- TL will coordinate with the supporting agency to mobilize equipments from the ware houses through IDRN database.
- The respective supporting agencies will contact their respective personal to move the equipments to central warehouse.
- The equipments like JCB, concrete cutters identified as per the need will be transported to the site.
- As per the information the nodal officer of Debris road clearance will make an assessment on of the damages of roads and built structures at the site and surrounding areas.
- The nodal officers of Supporting Agencies will immediately start debris clearance operation to enable movement to the affected site.
- Review of the current situation is taken up by the nodal agency to update the support agencies and to delegate their respective personnel to take precautionary measure to plan de-routes for the transportation ESF's to be operational.
- All supporting agencies will inspect the road and rail network and structures within the disaster site and surrounding.
- TL will also ensure proper corpse disposal and post mortem by coordinating with ESF on medical response.

12.2.9. ESF – 10 Help Lines

Situation Assumptions:

A large number of reporters are arriving at the scene to get the correct information. There is a need to spread cautions to the local people about their movement towards safer areas. There may be rumors about the information.

Primary Agency : Revenue Department

Supporting Agencies: NIC, MTNL, Publicity and Information department, Press trust of India, Important Media channels and newspapers, AIR, Doordarshan and Press Information Bureau

Tasks Involved :

- a. Coordinator will transfer an adequate information to the large number of reporters arriving on scene and attempting to interview response teams and officers so that unwanted rumors can be reduced
- b. Designate one specific individual and an alternate press officer to join the team of press officers
- c. Coordinator should try to communicate the timely and right information so that confusions and rumors can be reduced
- d. Compile the list of telephone numbers of local radio, televisions and other related personnel who can help in air announcements
- e. Provide the desired support to the press officers with secretariat support, photocopy machines, and means of communications with overall command of the response operations
- f. Establish a firm policy among all local officials and response personnel as to who should speak or should not speak to media personnel
- g. Ensure that key emergency response personnel understand the need to relay up-to-date “status report” to press on a regular basis

Coordinating ESFs: Search and Rescue, Evacuation, Relief and Shelter, Transport, law and order and Medical Response etc.

12.2.10. ESF – 11 Electricity

Background: The ESF on electricity will facilitate restoration of electricity distribution systems after a disaster. In the event of a disaster there would be major electricity failure and many power stations damaged.

Situation assumptions

- Prolonged electricity failure.
- The affected victims may be panicked.
- Halt of all activities specially jamming communication networking systems in the affected site.

State nodal agency: State Department of Power

Support Agencies: BSES, NDPL

SOPs for Nodal Agency:

- IC will call the TL of Primary Agency and get the ESF activated.
- TL of primary agency will call nodal officers of supporting agencies.
- TL would activate the State Quick response Team.
- The QRTs will be deployed at the affected site.
- TL will dispatch emergency repair teams equipped with tools, tents and food.

SOP for Quick Response Team on Electricity

- The QRT members will reach the nodal office as soon as they get instructions to do so from the TL.
- QRT members would reach to the site immediately after receiving instructions from the nodal officer.
- On the site QRT members will take stock of the situation from the IC at the site and their counter parts.
- The QRTs will coordinate, collect, process, report and display essential elements of information and facilitate support for planning efforts in response operations.
- Begin repairing and reconstruction work.
- Assisting hospitals in establishing an emergency supply by assembling generators and other emergency equipments, if necessary.
- The members of QRTs will establish temporary electricity supplies for other key public and private water systems.
- The members of QRTs will establish temporary electricity supplies for transit camps, feeding centres, relief camps and SOC, District Control Room and on access roads to the same.
- The members of QRTs will establish temporary electricity supplies for relief material godowns.
- Compile an itemized assessment of damage, from reports made by various electrical receiving centers and sub-centers.
- Report about all the activities to the head office.

12.2.11. ESF -12 Transport

Background: The ESF on Transport should ensure smooth transportation links at state and district level. Within the disaster context, quick and safe movement of material and humans are a priority. It should coordinate the use of transportation resources to support the needs of emergency support forces requiring transport capacity to perform their emergency response, recovery and assistance missions.

Situation assumptions

- The state civil transportation infrastructure will sustain damage, limiting access to the disaster area.
- Access will improve as routes are cleared and repaired.
- The movement of relief supplies will create congestion in the transportation services.

State nodal agency: State Department of Transport

Support Agencies: DTC, DMRC, Northern Railways, Civil Aviation, PWD, MCD and Civil Defence etc.

SOPs for Nodal Agency:

- TL of Transportation ESF will activate the ESF on receiving the intimation of the disaster from State EOC.
- TL would inform Nodal Officers (NOs) of support agencies about the event and ESF activation.
- TL establishes contact with the district EOC for FIR.
- TL requests for reports from local Transportation ESF contact person.
- TL communicates situation to support agencies and requests for detailed information on the status of transportation infrastructure in the affected area(s).

SOP for Quick Response Team on Transport

- The QRT members will reach to the nodal office as soon as they will get instructions to do so from the TL.
- As quick response teams will receive instructions from the nodal officer they would reach to the site immediately.
- QRTs would report the situation and the progress on action taken by the team to the respective EOCs.
- QRT will send a requirement schedule for the different modes of transportation eg. Trucks, boats, helicopters to be put on stand-by.
- QRTs will ensure timely re-establishment of the critical transportation links.
- The members of QRTs will establish temporary electricity supplies for relief material go-downs.
- Compile an itemized assessment of damage, from reports made by various electrical receiving centres and sub-centres.
- Reporting about all activities to the head office.

SOPS FOR COMMUNITY TASK FORCES

Task Force Group	Primary	Secondary
Search and Rescue	<p>To trace and locate people who are physically trapped and distressed, people in the buildings and houses etc.</p> <p>To move out these people to the safe locations identified in advance and to organize further care</p>	<p>Administering primary health care to rescued victims</p> <p>Assisting the sanitation group in carcass disposal and the cremation of dead bodies</p> <p>Coordination with the evacuation team to shift rescued persons to safe shelters in case of recurring heavy rains</p>
First Aid and Health	<p>To provide primary health care to the ill or injured until more advanced care is provided and the patient is transported to a hospital</p>	<p>Assisting the sanitation team to inoculate against water borne and other diseases</p> <p>Assisting the communication team to disseminate precautionary information on post-disaster health hazards and remedies</p>
Water	<p>Restoring and maintaining the water supply and minimum quality and quantity parameters</p>	<p>Assisting the sanitation team in ensure that there is enough water stored in buckets at latrines and for bathing</p> <p>Assisting the sanitation team in deciding the location for the construction of latrines away from ground water sources</p> <p>Assisting the shelter group to ensure that there is sufficient water stored in the water tank in the safe shelter</p>
Sanitation	<p>To ensure that the minimum basic facilities such as temporary toilets and common bathing units are constructed near the relief camp, that these facilities and the surroundings are kept clean, garbage disposed, dead bodies cremated and that normal drainage systems function smoothly</p>	<p>Assisting the shelter team to ensure that water spouts and water harvesting tanks at the safe shelter are clean and functional</p> <p>Assisting the relief group to ensure that containers for storing water are clean, narrow necked and covered</p>

Relief Coordination	To establishing contact with the District Control Room and organising the distribution of assistance in terms of food, water, medicines and so on, in a fair and equitable manner	Co-ordinating with the shelter group in the distribution of material for the construction of temporary shelters Assisting the shelter group to ensure that the safe shelter is well stocked in terms of dry food, water and so on in order to cater for the needs of evacuees after a cyclone or flood warning has been issued
Warning and communication	To ensure that: (a) the warning of the impending disaster reaches every single household, thereby allowing people to take timely action to protect their lives and property (b) accurate information is provided regularly as events unfold (c) information flows quickly and reliably upwards to District level and downwards from District level to Community/Neighborhood/Village level.	Assisting the relief group in disseminating information about the quantity and type of ration to be distributed for each distribution cycle Assisting the sanitation group in raising awareness about water borne diseases and vaccination programs
Evacuation and Temporary Shelter Management	To construct/identify maintain and make repairs to the flood shelter, to evacuate people on receipt of a warning and to make all the necessary arrangements to accommodate evacuees during a flood.	Assisting the communities in accessing compensation Assisting the relief group in stocking up dry food, medicines, water and temporary shelter materials Assisting the sanitation group in the construction of latrines, soak pits and drainage channels

ANNEXURES

ANNEXURE- I

* VULNERABILITY ASSESSMENT AND SEVERITY MAPPING - SCORING SCHEME

Vulnerability Element	Criteria's	Means of Verification (MOV)	Scoring	Scale
Topography	Terrain	Plain	3	3 Point Scale
		Plateau	2	
		Hilly	1	
Geology	Rocks	Igneous rocks- Alwar Quartzite	8	8 Point Scale
		Sandstone - Alwar Quartzite	7	
		Gravels-Alwar Quartzite	7	
		Soils with >20% gravel	5	
		Loose to very dense sands	4	
		Silt loams	3	
		Sands clays	2	
	Soils	Medium silt to hard clay	1	4 Point Scale
		Very soft to soft clay	4	
		Liquefiable soils	3	
		Quick and Highly sensitive clays	2	
Hydrogeology	Depth of Ground water	<25M	1	3 Points Scale
		25-50M	2	
		>50M	3	
Dwelling Condition	Residential	Good	3	3 Point Scale
		Livable	2	
		Dilapidated	1	
	No. of person per room (occupancy Rate)	1	5	5 Point Scale
		2	4	
		3	3	
		4	2	
		5	1	
	Quality of Design	Engineerd with seismic design	4	4 Point Scale
		Engineered without seismic design	3	
		NoN - engineered, but good proportions (short, wide, symmetric	2	
	Quality of Construction	Excellent - seismic construction	4	4 Point Scale
		Good Quality - some supervision on seismic resistance	3	
Moderate Quality - no		2		

		supervision on seismic element			
		Poor Quality - no supervision of seismic element	1		
	Quality Materials	Good quality materials	2	2 Point Scale	
		Poor quality materials or poor maintenance of building	1		
Disaster Management Response Aspects	Preparedness	No intervention done	1		
		Only sensitization done	2		
		CBDP initiated	3		
		Vulnerability and resource mapping done	4		
		DMC formed	5		
		DMC trained	6		
		Task forces active - aware about all SOPs in pre & post disaster situation	7		
		Internalization of disaster management initiatives by community	8		
	Search & Rescue Capabilities	Is there a detailed Emergency Response Plan in written form that covers the locality?	Yes = 2 No = 1		2 Point Scale
		Does the plan include inputs from a multidisciplinary group?	Yes = 2 No = 1		2 Point Scale
		Has the plan revised to incorporate actual city experience or experience of nearby cities?	Yes = 2 No = 1		2 Point Scale
		Are responsibilities of different agencies clear and well defined including how local-district- state and national agencies interact?	Yes = 3 Partially = 2 No = 1		3 Point Scale
		Is there an round the clock EOC?	Yes = 2 No = 1		2 Point Scale
		Does the EOC have required equipment?	Yes = 2 No = 1		2 Point Scale
		Does the plan allow adequate "horizontal" communication and decision-making (i.e., can low and mid level official make decisions if official are unavailable?)	Yes = 2 No = 1		2 Point Scale
		Is there and standard building damage assessment procedure?	Yes = 2 No = 1		2 Points Scale
		Does the city conduct	Yes = 3		3 Point Scale

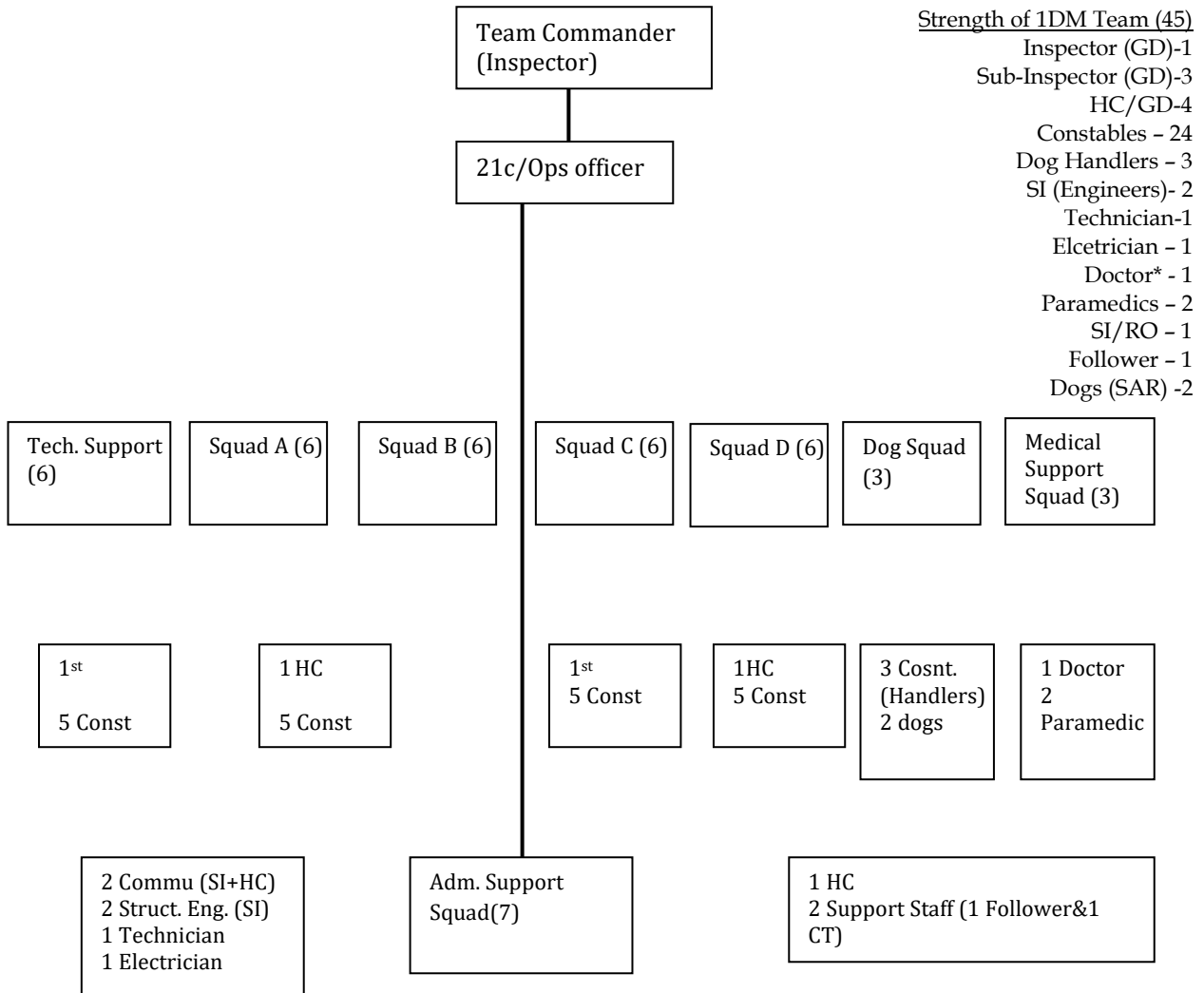
* REQUISITIONING DEFENCE FORCES FOR DISASTER RELIEF

1. Divisional HQ of Affected Area
With name of Divisional Commissioner
Tele and Fax Nos. With STD Code
2. District HQ of Afeected Areas with
Name of DC/DM, Tele and Fax nos.
With STD code
3. Details of Affected Area
 - (a) District (s)
 - (b) Town (s)
 - (c) Blocks
 - (d) Villages
 - (e) Extent of Areas under Floods (Kms X Kms)
4. Resources already deployed
 - (a) No. of NDRF teams
 - (b) No. of country Bouats with Civil Adminstration/
Hired (in flood cases)
 - (c) No. of Motor Boats with Civil Admn./hired (in flood cases)
 - (d) Wireless Sets with Frequency/Rang
5. Assistance Expected from Defence Forces
 - (a) Approximate Number of Persons to be evacuated
 - (b) Approximate ton of Relief ; Material to be distributed
 - (c) Approximate water distances to be traversed by
Boats per trip (in flood cases)
 - (d) Relief Material and Labor to handle those likely
to be in post by (date/time)
 - (e) Any other help envisaged
6. Coordination with Civil Administration
 - (a) Exact Location for reporting of the teams/contingent
 - (b) Name and telephone/mobile no. of Coordinator from District Administration
 - (c) Name and telephone/mobile no. of Liaison officer from District
Administration for Liaison and Guidance
 - (d) Name of Local Guides to accompany boats with knowledge of ground, bunds
and pipline under water, HT Wires, snapped live Electrical cables etc.

(Signature)
District Magistrate

ANNEXURE - III

*** ORGANISATION STRUCTURE OF SEARCH AND RESCUE TEAM OF NDRF**



- 01 Medical Officer between two SAR teams.
- 2 Constables will also be trained Pramedics.

REQUISITION FORM FOR NDRF DISASTER RELIEF

From;

Date of Report:

To:

- (a) Nature of calamity.
- (b) Date & Time of occurrence.
- (c) Affected area (number and names of affected districts).
- (d) Population affected (Approx.)
- (e) Nearest Reailhead.
- (f) Nearest Airport.
- (g) Relief measures undertaken in brief.
- (h) Immediate response & relief assistance required.
- (i) Forecast of possible future developments including new risks.
- (j) Any other relevant information.

* LIST OF RWA's & MTAs

* (CHANAKYA PURI SUB - DIVISION)		
S.NO.	NAME OF SOCIETY	PHONE NO.
1.	Centre Government Employees Welfare Association, 64/3B, Type-III, DIZ Area, Sector-2, Kali Bari Marg, New Delhi-110001.	9868281440 9911705968 9540677542 9968919795 9999107410
2.	Diplomatic Enclave, RWA, 72, Malcha Marg, Chanakya Puri, New Delhi-110021.	9810009555 9811022330
3.	Centre Government Employees Welfare Association,	9811046038
4.	Centre Government Employees Welfare Association. H-Block, Type-II, H-472, Kali Bari Marg, New Delhi-110001.	9868678655 9968249667
5.	Jan Kalyan Samiti, (Block-15-38), Sector-IV, DIZ Area, Raja Bazar, Q.No-25-C, DIZ Area, Raja Bazar, New Delhi-110001.	9953090091
6.	Centre Government Employees Welfare Association, Type-II Quarters, Block No-1to4 & 9 to 13, Sector-II, DIZ Area, Udyan Marg, Gole Market, New Delhi.	9868717085
7.	Hanuman Road Residents Welfare Association, 38, Hanuman Road, New Delhi-110001.	9811031841 9811998544
8.	Central Government Employees Type-C, Quarters Resident Welfare Associatio, Block (49to55), 53/1C, Sector-II, Kali Bari Marg, New Delhi-110001.	9868603875
9.	NDMC Employees Residents Welfare Association, 68, D/S, Prithvi Raj Lane, New Delhi-110003.	9818281054
10.	Hotel Staff Quarters RWA, C/o C-36, Ashok Hotel Staff Quarters, Kautilya Marg. 50-B Chanakya Puri, New Delhi-21.	9650965390
11.	Dak Tar, Aawas Kalyan Samiti, (Reg), 1/1 A, P & T Quarter, Kali Bari Marg, New Delhi.	9013135055
12.	The Asha Deep Apartment Owners Housing Maintenance CO-Operative Society, 9 Hailey Road, New Delhi-110001.	011-2338897 011-41505560
13.	Bhartiya Shoshit Samaj Kalyan Shiksha Samiti (Reg.), H-115, Kali Bari Marg New Delhi.	011-23362722
14.	C Central Govt. Employee RWA, 750 Quarters, Double Story, Type-I, 68/854, R. K. Ashram Marg, Panchkuain Road, New Delhi-110001. Off: Pota Cabin No.19, Near 36&37 Block R.K Ashram Lane, Panchkuain Road, New Delhi-110001	9810127325
15.	BSNL Employees Resident's Welfare Association, 11/1A, BSNL Colony, Kali Bari Marg, New Delhi-01	9868175622 9868280069
16.	P&T Resident Welfare Association, T-18-C, P&T Colony, Atul Grove Road, New Delhi-110001	9650800555
17.	Kendriya Karamchari Awasiya Kalyan Samiti, H-175, Type-1, Kali Bari Marg, New Delhi-01	9868965638 9968269042

		9810269426
18.	Kendriya Sarkari Karamchari, Block 101-108, Sector-IV, DIZ Area, B.K.S. Marg, New Delhi-01	9013775781 9910895906 9868132035
19.	Mahila Ekta Manch, J-739, Kali Bari Marg, New Delhi-01	9213638308 9968271825 9711948983
20.	Palika Karamchari Awasiya Kalyan Samiti, 236, Valmiki Sadan, NDMC Quarters, Mandir Marg, New Delhi-110001	9717685161 8700779360
21.	Centre Government Employees Welfare Association, Type-IV Flats,11- Kali Bari Apartments , Udyan Marg, DIZ Area, Sec-II, New Delhi-01	9968422956
22.	Centre Government Employees Welfare Association, Phase-I, (Block No.1to17), Porta Cabin no.21, Block No.9, Phase-I, BKS Marg, New Delhi-01	9868028085
23.	Awasiya Sudhar Samiti (Regd, Pool A, Quarter Block No. 70-81, Sector-IV, DIZ Area, Raja Bazar, New Delhi-01	9999365813 8860030321 9868104249
24.	Central Govt. Employees, Welfare Association, DIZ Area, Sec - IV, (Block 39-46&51-53), Bangla Sahib Road, New Delhi -01, Off:58-R, Sec-IV,DIZ Area, New Delhi-01	9868506875
25.	Centre Government Employees Welfare Association, DIZ Area, Sector-II (Block No. 43 to 48), Gole Market, New Delhi-110001 Off: 47/3D, Sector-II, DIZ Area, Gole Market, New Delhi	9868506875
26.	Centre Government Employees Welfare Association, Sector-E-53, Fotch Square, R.K. Ashram Marg, Gole Market, New Delhi-110001	9811140471 8178560062
27.	Centre Government Employees Welfare Association, Havlock Square ,64/3B, Type III,DIZ Area , (Block No. 58-79), Sector -2 Kali Bari Marg, New Delhi-01	9013851052
28.	Centre Government Employees Welfare, Sector-II, (Block 18 to 42), DIZ Area, Gole Market, New Delhi	9968271432 9868831199
29.	Centre Government Employees Welfare Association, C-43, Hanuman Road, New Delhi-01	9313303303
30.	Gole Market Vyapar Mandal, 42, Gole Market, New Delhi-01 23361998	9810000810
31.	Centre Government Employees Welfare Association, J-Block, J-631, Mandir Marg, New Delhi-01	9717649590
32.	Centre Government Employees Welfare Association , Sector-D, Type-II Quarters, Mandir Marg, New Delhi-110001	9999938411
33.	Centre Government Employees Welfare Association, Sector-D-759, Type-III, Mandir Marg, Gole Market, New Delhi-110001	9968255616 9868281100 9868153322
34.	Centre Government Employees Welfare Association, K118, K Block Type I Qtrs, R.K. Ashram Marg, New Delhi	9810548543 9818224374
35.	Resident Welfare Association, Gandhi Sadan Mandir Marg	8447255910
36.	Resident Welfare Association, D Block, Mandir Marg	7289853824
37.	Resident Welfare Association, RWA Dargah Sayyed Hassan, Panchkuian Road, New Delhi -01	7827749177

38.	Resident Welfare Association, Sec-1, R.K. Ashram Road	9818433706
39.	Resident Welfare Association, C-Block albert squire Mandir Marg	9968655075
40.	Resident Welfare Association, Sec.-3, R.K. Ashram Marg, Gole Market.	8586862125 9899225239
41.	Resident Welfare Association, E. Block Foch Squire R.K. Ashram Marg, Gole Market	9811175685 9013136208
42.	Resident Welfare Association, Double Storey Qtr, R.K. Ashram Marg, New Delhi.	9810127325
43.	Resident Welfare Association, Lady Harding staff Qtr. Block 112 Bangla Sahib Road	9818344393
44.	Resident Welfare Association, Central Govt. Employee residential Complex I-13 Block Sec. 2 DIZ Area M.Marg	9968717085 9350106053
45.	Resident Welfare Association, BSNL Colony, P & T Kali Bari Marg	9868117555 9868175622
46.	Resident Welfare Association, MS Flats, Peshwa Road Mandir Marg	9868362939
47.	R Resident Welfare Association, Block No. 18 to 42, Sec-2, DIZ Area, Gole Market, New Delhi-01	9013261911 8851446215
48.	R Resident Welfare Association, Block No. 43 to 48, Sec-2, DIZ Area	9868997254
49.	R Resident Welfare Association, Block No. 49 to 55, Sec-2, DIZ Area Kali Bari Marg, New Delhi	9868278221 9968294402
50.	Resident Welfare Association, Block 58 to 70, sec-2, Kali Bari Marg, Gole Market.	9868281440
51.	Resident Welfare Association, Lal Bahadur Sadan, Gole Market, New Delhi	9873929038
52.	Resident Welfare Association, H. Block type II, QRT No. 193 to 552, Kali Bari Marg, New Delhi	9811046038 9013349996
53.	Resident Welfare Association, J. Type I & II, Block 553 to 957 Kali Bari Mar, Udhan Marg ND	9968580703
54.	Resident Welfare Association, Block no-15-38, sec- 4 Raja Bazar ,Gole Market ND	9810919947
55.	Resident Welfare Association, Block no-39-63, sec- 4 DIZ Area Raja Bazar ,Gole Market	9958535998
56.	Resident Welfare Association, Block no-47-50, & 64-69, sec- 4 DIZ Area Raja Bazar ,Gole Market	9868116115
57.	Resident Welfare Association, Block no-101-108 sec- 4 DIZ Area Raja Bazar ,Gole Market	8826225544
58.	Resident Welfare Association, Block no-82-86, sec- 4 DIZ Area Raja Bazar ,Gole Market	9311627823
59.	Resident Welfare Association, House 1-75 Jain Mandir, Bhagat Singh Gole Market	9313001896 9911145085
60.	Resident Welfare Association, Block no-70-81, sec- 4 DIZ Area Raja Bazar ,Gole Market	9958823538
61.	Resident Welfare Association, Block 93-100, sec- 4 DIZ Area Raja Bazar ,Gole Market	9911368442
62.	Resident Welfare Association, Palika Karmachari Avasiya Kalyan Samiti Valmiki Sadan Mandir Marg ND	9911368442

63.	Resident Officer Welfare Association, RWA, C-11/173, Satya Marg, Chanakya Puri, New Delhi	011-26889090
64.	Resident Welfare Association, RWA, Chanakya Puri	9 811031426
65.	Resident Welfare Association, RWA, Ashoka Police Line, New Delhi	9871533991
66.	Resident Welfare Association, Railway Colony Resident Welfare Association, Sarojini Nagar, New Delhi	9871078294
67.	Resident Welfare Association, D-1/1Bharti Nagar, New Delhi	9999295320
68.	Resident Welfare Association, D-2/197, Kaka Nagar, New Delhi	9530717777
69.	Resident Welfare Association, 158,Golf Links, New Delhi	9811348837
70.	Resident Welfare Association, 164,Golf Links , New Delhi	9810066803
71.	Resident Officer Welfare Association, (RWA) 38 2 nd floor Babar Road Resident Welfare Association	9953090091 9810615548 9810047878 9810172228
72.	Resident Welfare Association, Details of RWA, Central Govt. Employees Residential Complex, K- Block Clive Square, Type-1, R.K Ashram Marg, Police Station North Avenue, New Delhi.	7982220713 8800134563 9718870159 8800678524 9990771198 8130353494 8800373671
73.	Resident Welfare Association, Details of RWA, Central Govt. Employees Residential Complex, H-Block, Type-1, Kali Bari Marg, Police Station North Avenue, New Delhi.	9968202160 9868276464 9868721959 9891416926 9968279436
74.	Resident Welfare Association, Details of RWA, Central Govt. Employees Residential Complex, Block 1- 17, Baba Kharak Singh Marg, Police Station North Avenue, New Delhi.	9013852504 9013362690 9868555580 9205321086 9958906637 9910825213

*** (VASANT VIHAR SUB - DIVISION)**

S. NO.	NAME OF SOCIETY	PHONE NO.
1.	Confederation of Senior Citizens Association of Delhi B2/73B, Safdarjung Enclave, New Delhi-110029.	9313203760 9868881190 9810488059
2.	Senior Citizen Council of Delhi B2/73B, Safdarjung Enclave, New Delhi-110029.	26197711 26174499 9810488059
3.	Senior Citizens Welfare Association, B-11, Community & Recreation Centre, Vasant Kunj, New Delhi	26891492 26891541
4.	Central Government Staff RWA Jan Kalyan Sabha, Sector 5, Type I Qtrs, R.K. Puram, New Delhi	23095195 65789100 9868182200
5.	Residents Welfare Association, B-8, Vasant Kunj, New Delhi 6166, B/8, Vasant Kunj, New Delhi-110070.	9810608689 9999982577

6.	Vasant Vihar Welfare Association, Kalyan Kendra, 9, Paschimi Marg, Vasant Vihar, New Delhi-57.	9810938336 26140908 9810334315 9810999937
7.	Munirka Vihar Welfare Association, MVWA Building, Munirka, New Delhi-67.	26104543 9818799930 9810172022 9811141033
8.	Vasant Kunj B-9 Residents Welfare Association, B-9/6203, Vasant Kunj, New Delhi-70.	26898479 26894140 26123560 9312958812
9.	Apartment Owners Association, Phase-II, BG-13 A, Munirka, New Delhi-67.	26100366 26164584 9891245038
10.	Munirka Enclave RWA Mera Office, Munirka Enclave, Nelson Mandela Marg, New Delhi-67.	26194958
11.	Residents Welfare Association (Phase I) Munirka A-12-E, DDA Flats, Munirka, New Delhi-67.	26177838 26163418 26163238 65691457
12.	Netaji Nagar (D Block) Type II Welfare Association D-805, Netaji Nagar, New Delhi-67.	24674036 26871003 23710006
13.	Sh. Bhanu Singh Bishnoi, Chairman Federation of Resident Welfare Association A B & C/1340, Vasant Kunj, New Delhi-70.	9811087551 9811854328 9818364487
14.	Vasant Kunj C-8 RWA 8293/C-8, Vasant Kunj, New Delhi-70.	9871157202 9810735723 9899728568 9818627707
15.	Shivalika Co-Operative Group Housing Societies Plot No 16, Sector 9, Dwarka, Phase I, New Delhi-45.	25087455 25736478 9810087266
16.	Bijwasan Gram Vikas Samiti Near Railway Crossing, V & PO Bijwasan, New Delhi-61.	25314123 25063369
17.	Type III, Sector I, RK Puram RWA Flat No 131, Sector I, Type III, RK Puram, New Delhi-22.	26108975 26175718 9810494537
18.	Sector 5, Type II & IV, RK Puram RWA 669, Sector 5, RK Puram, New Delhi-22.	223382475 9911112669 9891923898 9868153166
19.	Vasant Kunj C-4 RWA C-4/4013, Vasant Kunj, New Delhi-70.	26134642
20.	Vasant Vihar C Block RWA C-10/1, Vasant Vihar, N Delhi-57.	46047598 9810938336

21.	Vasant Apartment Rresident Welfare Association, 53, Vasant Apartments, Vasant Vihar, N Dekhi-57.	26140614 26140615 26147055
22.	Satya Niketan Residents Welfare Association, 161, Ground Floor, Satya Niketan, Moti Bagh II, New Delhi-21.	9868219990 9810421159 9971644334 9971240840
23.	Senior Citizen Welfare Association Vasant Kunj Sector D7&8 RWA, D-7/7219, Vasant Kunj, N Delhi-70.	26132167 26892831
24.	Vasant Enclave (SFH) Welfare Association, 236, Vasant Enclave, New Delhi-57.	26142894 26154967 26156221
25.	Vasant Kunj C Block RWA C-9, Vasant Kunj, New Delhi-70.	26124668 26891402 41767012
26.	Type IV, Sector IV, RK Puram RWA, 1160, Sec-XII, Ring Road, RK Puram, New Delhi-22.	26185049 26103025 9911352963 26105567
27.	Vasant Kunj (B-10) Residents Welfare Association, Gate No 2, Pocket B-10, Vasant Kunj, New Delhi-70,	26139384 26891542 26890054 9868214385
28.	Central Govt. Employees RWA, 1164, Sector 4, Type II, RK Puram, New Delhi-22	9868995550 9899235517 9810828203
29.	Anand Niketan RWA, D-50, Anand Niketan, New Delhi-21	24110326 9911094789 24118509
30.	Hill View Apartment RWA, Hill View Apartment, Vasant Vihar, N Delhi-57.	26145804 9818333322 26144627
31.	Safdarjung Enclave B-4 RWA B-4/86, Safdarjung Enclave, New Delhi-27.	26184469
32.	Iskashila RWA Sector A Pocket A Vasant Kunj 1178 A/A, Vasant Kunj, N Delhi-70.	26133335
33.	Gramin Uthan Evam Jan Kalyan Samiti H. No 256, V & PO Kapashera, N Delhi-37.	9871788659 9210490601 9818431232
34.	Netaji Nagar B Block RWA B-2701, Netaji Nagar, New Delhi-23.	26880398
35.	The P & T Residents Welfare Association 6/746, Sector 6, RK Puram, New Delhi-22.	26175565 23381752 26712122
36.	Green Glade Apartment RWA B-2/2398, Green Glade Apartments, Vasant Kunj, N Delhi-70.	9873184057 9868118006 9873184057
37.	C-I Vasant Kunj RWA C-I, Vasant Kunj, New Delhi.	9868117247

38.	LIG Flats Vasant Kunj RWA 9265, LIG Flats, Vasant Kunj, New Delhi.	9818387866
39.	Residents Welfare Association (Forum C-6&7) Vasant Kunj C-6/6272, Vasant Kunj, New Delhi-70.	26124900 26134699 41767717
40.	B-10 Vasant Kunj RWA B-10/7017, Vasant Kunj, New Delhi-70.	9810031608 26899658
41.	D-2 Vasant Kunj RWA 2620/D-2, Vasant Kunj, New Delhi-70.	9811425412 9711123954 9910577330
42.	CGERWA (South), Sector-8, R.K. Puram, New Delhi, Flat No. 959, Sector-8, R.K. Puram, New Delhi.	9868461114 9911104048 9968372759 9968076160
43.	Vinayak Residents Welfare Association Sector-10 Dwarka, A-102, Vinayak Apartments Plot NO. 36, Sector-10, Dwarka, New Delhi-110075 ,	9810749099 9810548428
44.	B-4 Vasant Kunj RWA, B-4/3005, Vasant Kunj, New Delhi-110070.	9811991166 9871127277
45.	Palam Apartments Owner's Association K-202 First Floor Palam Apartment, Bijwasan New Delhi-110061.	65057447 9811118125 9212463573 9899390336 9990220159
46.	MIG DDA Flats Sector-23, PKT-1, Dwarka RWA 59, MIG DDA Flats, Sector-23 PKT.01, Dwarka, New Delhi-110075.	28051404 46038248 9868105196 65243369 64680455
47.	Residents Welfare Association Sector D-1, Vasant Kunj, Flat No.1271, D-1, Vasant Kunj New Delhi.	26891763 9312805114 32940204 26892414 26894489
48.	Vijayee Veer Awas Yojna Officer's Complex, Flat No. 335, Type-B, Sector-18/A Dwarka, New Delhi-110075.	42801046 42801055 9810228666
49.	Parliamentary And General Pool Residents Welfare Association Vasant Vihar, 77 A, Central Govt. Housing Complex Vasant Vihar, New Delhi-110057.	26154540 26155090 9818190797
50.	B-1 Vasant Kunj Residents Welfare Association, Flat No.1314, Sector-B, PKT.1, Vasant Kunj, New Delhi-110070.	9312010585 9811578878 9811258528 9810286471
51.	B-Block (Type-C) South Moti Bagh RWA, B-253, South Moti Bagh, New Delhi-110021.	9213581630 9990858201 24678412

52.	PKT.3 Sector-19 Dwarka, 618, PKT.3, Sector-19, Dwarka, New Delhi-110075.	9818258211 9910497942 9868023743 9312228865 9968653307
53.	Kusumpur Awasiya Welfare Association, C-94, Kusumpur Pahari Vasant Kunj, New Delhi-110070.	9810202597 9811849987 9971602619 9910180151 9871818260
54.	P&T Residents Welfare Association & Recreation Club, EPT-75, Sarojini Nagar, New Delhi-110023.	9868092818
55.	Gram Vikas Association Shahabad Mohd. Pur, 241, Shahabad Mohd. Pur, New Delhi-110061.	9810225614 9212662752 9910892440 9891550792 9212013715
56.	Dwarka Sec.19 PKT.2 RWA, Flat No. 305 Sec.19, PKT. 2 Dwarka, New Delhi-110075.	9873382333 9873355610 9899792540
57.	Vasant Kunj Residents Welfare Association Sector-D, 7292 Sector-D Pocket 7&8 Vasant kunj New Delhi-110070.	26122569 26124312 9810964831
58.	Salhapur Khera Residential Welfare Association, H.No. 47 Gali No.2 Salhapur Khera New Delhi-110061.	9971217767 9971319455 9818761448
59.	Delhi Residents Welfare Association Joint Front Safdarjung Enclave, B-3/55, Safdarjung Enclave, New Delhi-110029.	26523318 26523317 9810401127 41019169 9899707105
60.	Residents Welfare Association, Isapur Village New Delhi, Line Isapur Khera, V.P.O.- Bijwasan, Najafgarh, Delhi-110077.	9971460636 8800612478 9910561531
61.	Saini Residents Welfare Association, Shahbad Mohammad Pur, New Delhi, Khasra No. 531, Plot No.33, Shahbad Mohammad Pur, New Delhi-61.	9911178642 9891150911 9891917823 9868321384
62.	Munirka Village Residents Welfare Association, 210, Munirka Village, New Delhi-110067.	9871959226 9871961710 9818561636 9818250811
63	Bougainvilla Apartments Residents Welfare Association B-4/3201, Vasant Kunj, New Delhi-110070.	9311830007 26139686 26131329 9871211677
64.	Residents Welfare Association, DDA Flats, Minirka, New Delhi BA-8/H, DDA Flats, Minirka, New Delhi-110067.	

65.	Vasant Kunj Bhagidari co-Ordination Society, B-9/6337, Vasant Kunj New Delhi-110070.	9810213868 996809808
66.	B-XI Residents Welfare Association Vasant Kunj New Delhi B-XI, RWA Office, Vasant Kunj, New Delhi.	9810181130 9810734723
67.	Masood Pur Development & Welfare Association, A-29, Masood Pur, Vasant Kunj, New Delhi-110070.	9810292232 9971543053 9654859092 8860820234
68.	Sarojini Nagar BD-Block RWA, BD-994, Sarojini Nagar, New Delhi-110023.	26878517 24671774 24673524
69.	Shanti Niketan Residents Association, 3/44 -B, Shanti Niketan, N. Delhi-21.	9818336477 26883300 9311340692
70.	GRMA Sewa Samiti Mahipalpur, 343, Mahipalpur, New Delhi-110037.	65711201 9811811007 9910729800 9810078563
71.	Central Market Welfare Association, B9, 6337 Vasant Kunj New Delhi-110070.	9899196260 26890088 26892288
72.	Sarojini Nagar General Market Welfare Association, Shop No. 10, Sarojini Nagar Market, New Delhi-110023.	9350237636 9810733075 9818882442
73.	Basant Lok Community Centre Welfare Association Vasant Vihar, Vasant Lok Vasant Vihar New Delhi-110057.	9810156274
74.	Residents Welfare Association Bhawani Kunj, RZ-85, Bhawani Kunj, Behind Pocket, D-2, Vasant Kunj New Delhi-110070.	9818088994 9810112049
75.	The Samalka Residents Welfare Association, H.No. 554A, Main Road V.P.O Samalka, New Delhi.	9810227444 9899766638

*** LIST OF RWA's {DELHI CANTT. SUB - DIVISION}**

S.NO.	NAME OF SOCIETY	PHONE NO.
1.	Todapur Resident Welfare Association , WZ-148/75, Bihari Colony, Todapur, New Delhi-110012 32916918	9818048109 8130258469
2.	Naraina Village Residential Vikas Association, WZ-130-D, Naraina Village, New Delhi-110028	9810169132 9811909897
3.	Sarvodya Awasiya Welfare Association, A-23, Gali No. 10, East Sagar Pur, Main Palam Road, New Delhi-110046	9818239222 9891025703
4.	G-Block Residents Welfare Association , Naraina Vihar G-219 Naraina Vihar New Delhi	9811243035 9810023724
5.	Residents Welfare Association , B-Block (Part-1) Naraina Vihar B-21 Naraina Vihar New Delhi-110028	9811159817 9312434766
6.	C-Block Residents Association , Naraina Vihar C-9 Naraina Vihar New Delhi-110020	9811048860 9810399770
7.	Vijay Niketan Residents Welfare Association, Naraina Vihar H-83 Naraina Vihar New Delhi	9810122558

8.	Central Government Employees Residents Welfare Association, Delhi Cantt. 51/5, Kabul Lines Delhi Cantt.-110010	9810481541
9.	Residents Welfare Association WZ-Block, Nangal Raya New Delhi-46 WZ-1591, Nangal Raya, New Delhi-110046	9810987707
10.	Maharishi Enclave Residence Welfare Association , Harijan Colony, East Sagarpur C-56, Gali No-13, East Sagarpur, Harijan Colony, New Delhi	9810556028 9213978299
11.	Cantt Board Narayana Residential Vikas Samiti CB-110, Naraiana, New Delhi-110028	9873184469
12.	Residents Welfare Association ,A-Block Naraina Vihar	9811411424 9868388535 8510013734 9811055568 011-45401138 9810435613
13.	Residents Welfare Association, B-Block Naraina Vihar	9899079089 9312434766 9899655382 9811159817
14.	Residents Welfare Association, C-Block Naraina Vihar	9818032122 9868955357 9810433779 9810296909
15.	Residents Welfare Association, D-Block Naraina Vihar	9810008313 9811244444
16.	Residents Welfare Association, - E Block Naraina Vihar	9811411424 9289262781
17.	Residents Welfare Association, F-Block Naraina Vihar	9910028500 9811320854
18	Residents Welfare Association, F-Block Naraina Vihar	9910728486 9810194584 9811029354 9810400733 9811681424 9810049477
19	Residents Welfare Association, G-Block Naraina Vihar	9811414444 9811141578 9810058287 9810036471 9873564930 9811871940 9313893904
20	Residents Welfare Association, H-Block Naraina Vihar	9868258383 9910515267 9818558570 9783822671 8802348802 9582822222

21	Residents Welfare Association, J.Colony Inderpuri, Rwa Regd	9312505397 9711126722
22	Residents Welfare Association, Narayana J.J. Camp Inderpuri, Rwa	9899839335 9711895654
23	Residents Welfare Association Budh Nagar Vikas Prishad, Inderpuri	9213952022 9250558830 9350279875 9211495069 9312432338 9654426749 9313746500 9250579901 9210241392 9312726102 9811523977 9899374309 9968008944 9968008944
24	Residents Welfare Association Inderpuri Sudhar Sabha	9999119943
25	Residents Welfare Association Inderpuri Residents Association	9810221817 9811596796
26	Residents Welfare Association Sec-19 & 19-B, Dwarka, New Delhi Beat No. 01	9868206006 9868521259 9717532243 8588840703 9811125379 9312807456 8700856315 9999075777 9810886470 9212284511 9868204707 8882633555 9718299310 9811227936 8800424747 7838004229 9810030621 9810085068 7678235080

		9213952022 9250558830 9350279875 9211495069 9312432338 9654426749 9313746500 9250579901 9210241392 9312726102 9811523977 9899374309 9968008944 9968008944 9999119943
27	Residents Welfare Association Sec-21 Dwarka (Beat No. 03)	9310348698

* HIGH RISE BUILDINGS

❖ SUB - DIVISION, {CHANAKYA PURI}

S.No.	NAME OF BUILDING
1	NO 7 TOLSTOY MARG BARAKHAMBHA ROAD NEW DELHI-110001
2	PANDARA PARK APARTMET NEW DELHI-110003
3	TILAK MARG APARTMENT NEW DELHI-110001
4	WORLD TRADE CENTRE COMMERCIAL COM BABAR RD-110001
5	HOTEL TAJ PALACE, SARDAR PATEL MARG, DIPLOMATIC ENCLAVE, NEW DELHI-110021
6	PAYING WARD KITCHEN ADMN BLOCK LHMC, CONNAUGHT PLACE, NEW DELHI-110001
7	HOTEL MARUYA SHREATON SP MARG, NEW DELHI-110021
8	CONNAUGHT HOTEL, BABAR ROAD, FIRE BRIGADE LANE BARAKHAMBHA,NEW DELHI-110001
9	DOORDARSHAN BHAWAN MANDI HOUSE, COPERNICUS MARG, MAHATMA JYOTI RAO PHULE MARG AREA, NEW DELHI-110001
10	MEGA CENTRE 12 4 CONNOUGHT CIRCUS, NEW DELHI-110001
11	HOTEL DIPLOMAT 9 SP MARG NEW DELHI-110021
12	ASSAM BHAWAN CHANKYA PURI S PATEL MARG, NEW DELHI-110021
13	HIMANCHAL BHAWAN SIKANDRA ROAD, MANDI HOUSE, NEW DELHI-110001
14	HOTEL MERIDIEN 8 JANPATH, NEW DELHI-110001
15	ARUNACHAL BLDG 19 BARA KHAMBHA ROAD NEW DELHI-110001
16	I E N S BLDG RAFI MARG NEW DELHI-110001
17	HOTEL PARK 15 SANSAD MARG, HANUMAN ROAD AREA NEW DELHI-110001
18	INDRA PRAKASH 21 BARA KHAMBHA RD NEW DELHI-110001
19	HARYANA BHAWAN COPERNICS MARG, MAHATMA JYOTI RAO PHULE MARG AREA, NEW DELHI-110001
20	MADHYA PRADESH BHAWAN 7 SARDAR PATEL MARG, NEW DELHI-11002
21	OFFICE TOWER BLOCK BRARAT HOTEL BABAR RD, NEW DELHI-110001
22	BHARAT HOTEL COMPLETE BLDG SHANKAR ROAD, NEW DELHI-110060
23	VIJAYA TOWER 17 BARA KHAMBHA RD, NEW DELHI-110001
24	MOHAN DEV BLDG 15-17, ATUL GROVE ROAD, JANPATH CONNAUGHT PLACE, NEW DELHI-110001
25	RAJASTHAN HOUSE 7 PRITHVI RAJ RD NEW DELHI-110011
26	TOLSTOY HOUSE 15-17 TOLSTOY MARG, NEW DELHI-110001
27	DEFENCE POOL MARRIED ACOMMENDATION COPERNICS MARG, NEW DELHI-110001
28	ANSAL BHAWAN 16 K G MARG, NEW DELHI-110001
29	FEDERATION HOME FICI TANSEN MARG NEW DELHI-110001
30	AUDITORIUM CUM LIBRARY LADY HARDING MEDICAL COLLEGE, NEW DELHI-110001

31	INDIAN SOCIETY OF INTERNATIONAL LAW BLDG 9 BHAGWAN DASS RD NEW DELHI-110001
32	HOTEL ASIAN INTERNATIONAL JANPATH LANE, NEW DELHI-110001
33	NAVAL RESIDENTIAL COMPLEX CHANKYA PURI K BLOCK, NEW DELHI- 110021
34	S T C BLDG JANPATH, NEW DELHI-110001
35	ANTRIKSH BHAWAN 22 K G MARG, NEW DELHI-110001
36	DCM BLDG 16 BARAKHAMBIA RD, FIRE BRIGADE LANE, BARAKHAMBIA ROAD, NEW DELHI-110001
37	HOTEL KANISHKA ASHOKA ROAD NEW DELHI-110001
38	HOTEL JANPATH JANPATH, CONNAUGHT PLACE, NEW DELHI-110001
39	NEW DELHI HOTELS 15 K G MARG MERCANTILE HOUSE, NEW DELHI- 110001
40	JEEVAN PRAKASH 25 K G MARG, NEW DELHI-110001
41	Y M C A CULTURAL CUM LIBRARY BLDG JAI SINGH RD-NEW DELHI-110001
42	PUNJAB BHAWAN COPERNICS MARG, NEW DELHI-110001
43	OFFICE CUM RESI BLOCK USSR EMBASSY EP 15 CHANAKYA PURI, NEW DELHI 110021
44	TATA HOUSE RESIDENTIAL 23 PRITHVI RAJ ROAD, NEW DELHI-110003
45	VANDANA BLDG 11 TOLSTOY MARG, NEW DELHI-110021
46	AMBA DEEP 14 K G MARG, BARAKHAMBIA ROAD, NEW DELHI-110001
47	U C O BANK ASHOKA ROAD NEW DELHI-110001
48	GROUP HOUSING SOCIETY 11 B AURANGZED ROAD, NEW DELHI-110011
49	ADMN BLDG G BLOCK, BARAKHAMBIA ROAD, NEW DELHI-110001
50	BANGA BHAWAN 3 HAMDARD NAGAR, VAKIL LANE, MANDI HOUSE, NEW DELHI 110001
51	SKIPPER BHAWAN 22 BARA KHAMBA ROAD, NEW DELHI-110001
52	STATE BANK OF INDIA 11 SANSAD MARG, NEW DELHI-110001
53	HINDUSTAN TIMES 18-20 K G MARG, NEW DELHI-110001
54	ATMA RAM HOUSE 1 TOLSTOY MARG, NEW DELHI-110001
55	ASHOKA HOTEL CHANKYA PURI, NEW DELHI-110021
56	NATIONAL CENTRE PRAGATI MAIDAN, NEW DELHI-110001
57	M S 21 NOS TYPE V FLATS SARDAR PATEL MARG, NEW DELHI-110021
58	INDIAN AIRLINES BHAWAN GURUDWARA RAKAB GANJ, NEW DELHI- 110001
59	Y M C A TOURIST HOSTEL CUM PROGRAMME CENTRE JAI SINGH ROAD NEW DELHI-110001
60	BHARTIA KALA KENDRA LAHORI RD 1 COPERNICS MARG, MANDI HOUSE, NEW DELHI-110001
61	ASHOK YATRI NIWAS ASHOK ROAD, NEW DELHI-110001
62	GAURI SADAN 5 HAILY ROAD, NEW DELHI-110001
63	O P D PH III S JUNG HOSPITAL COMPLEX, NEW DELHI-110029
64	BRITISH COUNCIL BLDG 17 KG MARG, NEW DELHI-110001
65	VITHAL BHAI PATEL HOUSE RAFI MARG, NEW DELHI-110001

66	CURJEN RD APARTMENT K G MARG, NEW DELHI-110001
67	ELECTION COMMISSION NIRVACHAN SADAN ASHOKA ROAD, NEW DELHI-110001
68	ASIA HOUSE K G MARG RESIDENTIAL, NEW DELHI-110001
69	AKASHDEEP BLDG 26 BARAKHAMBHA ROAD NEW DELHI-110001
70	U P BHAWAN SARDAR PATEL MARG, NEW DELHI-110021
71	NILGIRI APARTMENT 9 BARAKHAMBHA ROAD, NEW DELHI-110001
72	NATIONAL YOUTH HOSTEL 5 NYOG MARG CHANKYA PURI, NEW DELHI-110021
73	GOPAL DASS BHAWAN 28 BARAKHAMBHA ROAD, NEW DELHI-110001
74	SARDAR PATEL BHAWAN SANSAD MARG, NEW DELHI-110001
75	R M L HOSPITAL BABA KHARAK SINGH MARG, NEW DELHI-110001
76	UDYOG BHAWAN RAFI MARG, NEW DELHI-110011
77	YOJNA BHAWAN SANSAD MARG, NEW DELHI-110001
78	ASHOKA ESTATE 24 BARAKHAMBHA ROAD, NEW DELHI-110001
79	VAYU BHAWAN RAFI MARG, NEW DELHI-110001
80	TRANSPORT BHAWAN PARLIAMENT STREET NEW DELHI-110001
81	KALI BARI APARTMENT KALI BARI MARG, NEW DELHI-110001
82	CENTRE POLICY RESEARCH PLOT NO 2 INSTL AREA DIPLOMATE ENCLAVE CHANAKYA PURI, NEW DELHI-110021
83	NATIONAL ARCHIRES JANPATH NEW DELHI-110001
84	CENTRAL GOVT RESIDENTIAL FLATS DIZ AREA PESHWA ROAD NEW DELHI-110001
85	VIGYAN BHAWAN, RAJPATH AREA, NEW DELHI-110001
86	PUNJAB NATIONAL BANK NO 5 SANSAD MARG, NEW DELHI-110001
87	AIR AKASH BHAWAN SANSAD MARG, NEW DELHI-110001
88	RAIL BHAWAN RAFI MARG, NEW DELHI-110001
89	28 SPL TYPE M S FLAT BABA KHARAK SINGH MARG, NEW DELHI-110001
90	HIMALYA HOUSE 23 K G MARG, NEW DELHI-110001
91	MAYUR BHAWAN N D M C CONN PLACE, NEW DELHI-110001
92	SAROJNI HOUSE 6 BHAGWAN DASS RD, NEW DELHI-110001
93	NIRMAN BHAWAN NULANA AZAD RD, NEW DELHI-110001
94	KRISHI BHAWAN RAFI MARG, NEW DELHI-110001
95	KAILASH BLDG 6 K G MARG, NEW DELHI-110001
96	NAURANG HOUSE 21 K G MARG, NEW DELHI-110001
97	DHAWAN DEEP BLDG RESIDENTIAL APARTMENT 6 JANTER MANTER, NEW DELHI-110001
98	U P SADAN BLDG CHANKYA PURI, NEW DELHI-110021
99	KANCHAN CHANGA BLDG 18 BARAKHAMBHA RD, NEW DELHI-110001
100	NIRMAL TOWER 26 A BARAKHAMBHA ROAD, NEW DELHI-110001
101	LAWYERS CHAMBER BHAGWAN DASS ROAD-110021
102	KHURSHID LAL BHAWAN JANPATH, NEW DELHI-110001
103	KALAWATI SARAN CHILDREN HOSPITAL CENTRAL BLDG PANCH KUIEN ROAD, NEW DELHI-110001
104	M S FLATS DIZ AREA, NEW DELHI-110001

105	SHASTRI BHAWAN DR R P MARG, NEW DELHI-110001
106	INDIAN OIL BHAWAN JANPATH, NEW DELHI-110001
107	SENA BHAWAN DUPLEX RD, K. KAMARAJ ROAD, NEW DELHI-110011
108	BARODA HOUSE K G MARG, NEW DELHI-110001
109	PRAGATI BHAWAN JAI SINGH ROAD NEW DELHI-110001
110	CHANAKYA BHAWAN CHANAKYA PURI, NEW DELHI-110021
111	P T I BLDG SANSAD MARG, NEW DELHI-110001
112	HANSALAYA BLDG 15 B K ROAD, NEW DELHI-110001
113	I B COMPLEX 35 SARDAR PATEL MARG, NEW DELHI-110021
114	STATEMAN HOUSE P NO 148 BARAKHAMBHA ROAD, NEW DELHI-110001
115	NATIONAL MUSEUM PH II JANPATH, NEW DELHI-110011
116	RUSSION FEDRATION P NO 26 BARAKHAMBHA ROAD, NEW DELHI-110001
117	M S BLDG P NO 23 BARAKHAMBHA ROAD, NEW DELHI-110001
118	INDA RESIDENT MISSION ASIAN DEVELOPMENT BANK P NO 4 SAN MARTIN MARG CHANAKYA PURI, NEW DELHI-110021
119	C A T CENTRA ADMN TRIBUNAL COPERNICS MARG, NEW DELHI-110001
120	P NO 1 RESIDENTIAL BLDG HEILY ROAD, NEW DELHI-110001
121	ASHA DEEP BLDG 9 HAILY ROAD, VAKIL LANE, MANDI HOUSE, NEW DELHI-110001
122	MOHAN SINGH PLACE NDMC BLDG BABA KHARAK SINGH MARG, NEW DELHI-110001
123	54 LAWYER CHAMBER DELHI HIGH COURT, NEW DELHI-110053
124	YASHWANT PALACE CHANKYA PURI, NEW DELHI-110021
125	LOK NAYAK BHAWAN BLDG, NEW DELHI-110003
126	DAKSHINESHWAR BLDG 10 HAILY ROAD, NEW DELHI-110001
127	TAMIL NADU GH P NO 9 CHANAKYA PURI
128	PLAZA CINEMA BLDG C P, NEW DELHI-110001
129	SURYA KIRAN BLDG 19 KASTURBA GANDHI MARG NEW DELHI-110001
130	DOOR DARSHAN BHAWAN PH II MANDI HOUSE NEW DELHI-110001
131	SAGAR APARMENT 6 TILAK MARG NEW DELHI-110001
132	ROHIT HOUSE 3 TOLSTOY MARG NEW DELHI-110001
133	NEW DELHI HOUSE 27 BARAKHAMBHA ROAD NEW DELHI-110001
134	JEEWAN VIHAR LIC BLDG PARLIAMENT STREET, NEW DELHI-110001

❖ SUB - DIVISION, (DELHI CANTT.)

S.NO.	NAME OF BUILDING
1.	H 2 COMM CENTER NARAINA BELTEK ENTERPRISES, NEW DELHI-110028
2.	ARMY GROUP INSURANCE BLDG RAO TULA RAM MARG, NEW DELHI-110057
3.	H 3 COMMUNITY CENTRE NARAINA, NEW DELHI-110028
4.	NATIONAL AGRICULTURAL SCIENCE CENTRE NASC RESI QTY PUSA TODAPUR, NEW DELHI-110021
5.	IMPERIAL TOWER COMM CENTRE BLOCK C NARAINA, NEW DELHI-110028
6.	HOSTEL 40 SINGLE OFFICERS ACOMANDATION BATTLE HONOURS MESS SARDAR PATEL MARG DELHI CANTT, NEW DELHI-110021

7.	SHOP OFFICE COMM COMP H 1 C BLOCK NARAINA, NEW DELHI-110028
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❖ SUB - DIVISION, (VASANT VIHAR)

S.NO.	NAME OF BUILDING
1.	PLOT NO 3 BHIKAJI CAMA PLACE ANSAL PRO, NEW DELHI-110029
2.	PLOT NO 5 BHIKAJI CAMA PLACE, NEW DELHI-110029
3.	PLOT NO 9 BHIKAJI CAMA PLACE, NEW DELHI-110029
4.	HOTEL HAYATT REGENCY, NEW DELHI-110066
5.	SURMAH SHELL CGHS SEC 13 R K PURAM, NEW DELHI-110022
6.	VASANT CONTINENTAL HOTEL VASANT VIHAR, NEW DELHI-110057
7.	PUNJAB NATIONAL BANK HQ BLDG 7 BHIKAJI CAMA PLACE, NEW DELHI-110066
8.	SOM VIHAR ARMY WELFARE HOUSING ORGANISATION R K PURAM, NEW DELHI-110022
9.	MEHTA BLDG 4 BHIKAJI CAMA PLACE, NEW DELHI-1100
10.	NURSES HOSTEL SAFDAR JUNG HOSPITAL, NEW DELHI-110029
11.	TRANSIT HOSTEL BLDG SEC 10 R K PURAM, NEW DELHI-110022
12.	PATHOLOGY BLOCK SAFDARJUNG HOSPITAL, NEW DELHI-110022
13.	GAIL CORPORATE OFFICE BLDG 16 BHIKAJI CAMA PLACE, NEW DELHI-110066
14.	WATER POLLUTION BLDG PRIVESH BHAWAN EAST ARJUN NGR, NEW DELHI-110032
15.	O T SURGICAL GYANA & MATERNITY WARD SAFDAR GANJ HOSPITAL, NEW DELHI-110022
16.	M S FLATS SEC 13 R K PURAM, NEW DELLHI-110023
17.	SHOP CUM OFFICE PLOT NO 10 PKT 7 BLOCK B VASANT KUNJ, NEW DELHI-110070
18.	TELEPHONE EXCHANGE BHIKAJI CAMA PLACE, NEW DELHI-110029
19.	8 STORYED TYPE IV & V RESIDENTIAL FLATS MUNIRKA CPWD, NEW DELHI-110067
20.	NUCLEAR SCIENCE CENTRE J N U CAMPUS, NEW DELHI-110067
21.	2 A DISTT CENTRE BHIKAJI CAMA PLACE GREAT EASTER PLAZA, NEW DELHI-110066
22.	HUDCO VISHALA PLOT NO 14 BHIKAJI CAMA PLACE, NEW DELHI -110066
23.	RADDISSION HOTEL AB HOTELS NATIONAL HIGHWAY NO 8 MAHIPAL PUR, NEW DELHI-110037
24.	N B C C TOWER 15 BHIKAJI CAMA PLACE, NEW DELHI-110022
25.	INDIAN AIRLINES M S STAFF HOUSING COMPLEX VASANT VIHAR, NEW DELHI-110057
26.	CAPITAL COURT L S C MUNIRKA PH III, NEW DELHI-110067
27.	DELHI PUBLIC SCHOOL R K PURAM HOSTEL BLDG, NEW DELHI-110022
28.	GRAND HYATT HOTEL VASANT KUNJ UNISON HOTEL, NEW DELHI-110070
29.	GENRAL POOL HOUSING SEC 10 R K PURAM, NEW DELHI-110022
30.	PLOT NO 10 BHIKAJI CAMA PLACE P C R A, NEW DELHI-110066
31.	DELHI TAMIL SANGAM BLDG TAMIL SANGAM MARG SEC 5 R K PURAM, NEW DELHI-110022
32.	PALIKA BHAWAN SEC 13 R K PURAM, NEW DELHI-110066

33.	ASIAN NEWS INTERNATIONAL BLDG SEC 9 P NO 15 R K PURAM, NEW DELHI-110066
34.	O P D BLDG PH III SAFDARJUNG HOSPITAL RIGHT WING, NEW DELHI-110023
35.	DELHI KARNATKA SANGH RAO TULA RAM MARG SEC 12 R K PURAM, NEW DELHI-110022
36.	FEDRATION INDIAN EXPORT ORGANISATION NIRYAT BHAWAN VASANT VILLAGE, NEW DELHI-110057
37.	INDERPRASTHA GAS I G L SEC 9 R K PURAM, NEW DELHI-110022
38.	JHARKHAND BHAWAN STATE GUEST HOUSE VASANT VIHAR, NEW DELHI-110057
39.	SHOPPING MALL P NO 4 VASANT KUNJ DLF, NEW DELHI-110070
40.	SCHOOL OF ADVANCE STUD P NO 10 INSTL AREA VASANT KUNJ, NEW DELHI-110070
41.	P NO 3 VASANT KUNJ II NELSON MANDELA MARG, NEW DELHI-110070
42.	P NO 1 SHOPP MALL VASANT KUNJ (D C 101), NEW DELHI-110070
43.	P NO 2 SHOPP MALL VASANT KUNJ, NEW DELHI-110070
44.	INSTITUTE LEVER & BILIARY SCIENCE MAIN HOSPITAL SEC D VASANT KUNJ, NEW DELHI-110070
45.	DDA HOUSING (CWD 2010) PKT 6 BEHIND SEC D VASANT KUNJ, NEW DELHI-110070
46.	SPORTS INJURY & MEDICINE CENTRE SAFDARJUNG HOSPITAL, NEW DELHI-110023
47.	TOWER NO 10 (TYPE VI HOUSING) REDEVELOPMENT OF NETAJI NAGAR & MOTI BAGH EAST, NEW DELHI-110023
48.	TOWER NO 9 REDEVELOPMENT OF NETAJI NAGAR & MOTI BAGH EAST, NEW DELHI-110023
49.	COMMERCIAL & MLCAR PARIKING SAROJINI NAGAR, NEW DELHI-110023
50.	TOWER NO 8 REDEVELOPMENT OF NETAJI NAGAR (PART) & MOTI BAGH (EAST), NEW DELHI-110005
51.	J N U CAMPUS LIBRARY BLDG, NEW DELHI-110067
52.	I A A I OPERATIONAL OFFICES BLDG PH I IGI AIRPORT, NEW DELHI-110037
53.	HOTEL HYACINTH/LEMON TREE/ RED FOX ASSET NO 6 HOSPITALITY DISTT IGI AIRPORT, NEW DELHI-110037
54.	HOTEL BLDG ASSET NO 4 HOSPITALITY DISTRICT IGI AIRPORT (ARIA) (JW MARRIOT), NEW DELHI-110037

ANNEXURE-VII

LIST OF EARTH MOVERS/RESCUE EQUIPMENTS

**LIST OF EARTH MOVERS/RESCUE EQUIPMENTS
DELHI VIDYUT BOARD**

B.S.E.S. Control Room Adhchini,
Hauz Khas, New Delhi

256962106, 26964086, 36361351

Tower Wagon -
Total for Delhi - 20 Nos.

For South Distt. - 07 Nos.

LIST OF EARTH MOVERS EQUIPMENT AVAILABLE WITH P.W.D

SI. N O.	NAME OF CONTRACTOR	DETAILS	PHONE NO.
1.	ACE Construction & Earth Movers, 200, Jor Bagh, New Delhi-110003	Bulldozer-1	24623777
2.	IS Engineers & Construction Pvt. Ltd., A-9, Friends Colony, New Delhi-110025	Digging Equipment	51627399
3.	Narender Singh, Shop No.8, Trucks Motors Market, Pandav Nagar, Near Mother Dairy, Patparganj-110091	JCB & Trippers	9810052837 9999998582
4.	Ravinder Kumar	JCB	9811151143 25056197(R)
5.	Appolo Cranes Pvt Ltd, D-8 Main Road Maya Puri Phase-II, New Delhi-110064	Cranes & Trailers	9810130133 9999910172 28111222 28111333
6.	Janak Cranes Pvt Ltd, New Delhi-110064	Cranes & Trailers	9818521210 28114612 28111793
7.	Shammi Cranes Pvt Ltd C-125, Lajpat Nagar, New Delhi, New Delhi-110024	Cranes & Trailers	9811905690 9811053325 29812413 9811053325
8.	VN Overseas Pvt Ltd F-14, Kamla Nagar, New Delhi-110007	Cranes 8 tone to 20 tones	9312405903 23848743 (O)
9.	Vindo Kumar, 5/1, Main Madan Pur Khadar, New Delhi-110076	JCB, Dumper & Tippers	9810427340 9818305027 9810643917

**LIST OF CONTRACTOR PROVIDING JCB/TIPPERS & DRILLING MACHINE
WITH PWD**

S.NO.	NAME OF CONTRACTOR & ADDRESS	TELEPHONE NO.
PWD CBMDM-121		
1.	Sh. Mahesh Chand	9313294310, 3910797341
2.	Sh. Om Prakash	9891252511
3.	Sh. Puran Chand	9811547141
4.	Sh. Jai Singh	9899452526
5.	Sh. Varun Gupta	9212237393
6.	Sh. Budh Ram	9868429412
7.	Sh. Jaffer	9706271303
8.	Sh. Palit	9540857307, 9010088397
9.	Sh. Sukhdev	9717065559
10.	Sh. A.S. Engineering	9313205199
11.	Sh. Rajeev Aggarwal	9810759992
12.	Sh. Ashok Gupta	9311561991, 9313661991
13.	Sh. Sujan Singh	9810248145
14.	Sh. Balwan Singh	9871042488
15.	Sh. Sandeep Seth	9891411545
16.	Sh. Kavita Gulati	9313658568, 981844810
17.	Sh. Arihant	9212366746
PWD CBMDM - 122		
1.	M/s. Arihant Builders RZ-New, T-96, OM Vihar, Uttam Nagar, New Delhi-110059.	9810121966
2.	M/s Astha Engineer & Contractors, A - 175, 2 nd Floor, Sector - 19, Dwarka, New Delhi.	9717394394
3.	Sh. C.P. Singh, A-19, Raghubir Enclave, Najafgarh, New Delhi - 110043.	9899901320
4.	M/s Herbal Singh & Sons Partners Sh. Raminder Singh & Sh. Amar Jit Singh, H - 18, Jangpur Extension, New Delhi- 110014.	9818729598

LIST OF EARTH MOVERS/RESCUE EQUIPMENTS

DDA AUTHORISED CONTRACTORS

M/s Uttam Parkash & Sons

T-1861, DB Gupta Road, New Delhi

(Proprietor – Mrs Dinesh Malhotra Mobile No. 9811036441)

JCB	:-	12
Gas Cutter	:-	15-17
Pneumatic Hammers	:-	20
Incharge, Engineering	:-	24620093 & 24692174

LIST OF CONTRACTORS OF MCD-DELHI

SI.NO.	NAME OF CONTRACTOR	TELEPHONE NO.
1.	Bharat Earth Mover Ltd. 11 th Floor, Bandana Building, Tolstoy Marg, New Delhi	23316500 23318010 23320702
2.	Tele Limited, Plot No. 11, Site No. 4, Shahibabad Industrial Area, Gaziabad, UP.	95120-2777945

LIST OF CONTRACTORS OF DELHI METRO RAIL COMPANY

SI.NO.	NAME & ADDRESS OF FIRMS	DETAILS OF EQUIPMENT	TELEPHONE NO.
1	I.T.D. Ceneration India Ltd., 301 & 302, Sagar Tower, Janak Puri, District Centre Janak Puri	JCB, Cranes, Gas Cutter	25590541-43
2	National Building Construction Corporation Ltd. NBCC Bhavan, Lodhi Road, ND	JCB, Cranes and Gas Cuter	<u>24367314-15/</u> Extn. 1202
3	Simplex Concrete Piles 1, Vaikunth, 2 nd Floor, 82-83, Nehru Place, ND	JCB, Bulldozer, Cranes, Gas Cutter, Dumper	26447815 26418988

AVAILABILITY OF HEAVY DUTY CRANES

S.NO.	FIRM	ADDRESS	AREA	TELEPHONE NO.	NO. OF UNIT
1.	Modern Hiring Co.	W-39, Mayapuri, Phase-II	Naraina	28112322 28113015 9811033259	08
2.	M/S Janak Cranes	5/3, Facility	Naraina	28114612	01

	Mr. Naresh Gupta	Centre, Phase-II, Mayapuri, New Delhi		28111793	
3.	Om Cranes Service	Azad Pur Mandi, Delhi	Wazirpur	9818907035	03
4.	Lamba & Juneja Pvt. Ltd.	Block-2, 11/1, Kirti Nagar, New Delhi	Kirti Nagar	9811016046	5
5.	Arjun Crane W-85, Maya Puri, Nes Delhi-64	Mayapuri, Delhi	Kirti Nagar	28112457	10
6.	N.D.M.C. Control Room	Palika Kendra, New Delhi	C.C.	23348301	08
7.	M.C.D. Control Room	D.C. Office City Zone Near Ramlila Ground, New Delhi	C.C.	23912700 23962700	

ANNEXURE-VIII

* NAME OF HOTEL & RESTAURANT (NEW DELHI)

Sl.NO.	NAME & ADDRESS
1	NIRULAS, 46, VASANT VIHAR, DELHI.
2	THE GOLDEN DRAGON, C-2, MAIN MARKET, VASANT VIHAR, DELHI.
3	JANTA RESTAURANT DHABA, SHOP NO. C-22, VASANT VIHAR, NEW DELHI.
4	M/S ANO TAI RESTAURANT, SHOP NO. BASANT LOK COMMUNITY CENTRE.
5	PATRA INDIAN RESTAURANT, BASANT LOK COMMUNITY CENTRE, VASANT VIHAR.
6	KRIPS SNACK BAR, 59 BASANT LOK NEW DELHI.
7	MINI MAHAL RESTAURANT, SHOP NO. C-25/A, MAIN SHOPPING CENTRE.
8	NEW PUNJAB HOTEL & RESTAURANT, SHOP NO-A10 MUNIRKA NEW DELHI.
9	SHIV BHOJNALAYA, SHOP NO. 92/G/1, PRATAP MARKET MUNIRKA, NEW DELHI .
10	PIZZA HUT, 41- COMMUNITY CENTRE BASANT LOK, VASANT VIHAR, ND.
11	MC DONLANDS FAMILY RESTAURANT, 47- BASANT LOK COMMUNITY CENTRE, VASANT VIHAR, ND.
12	BAMBOO GARDEN, D-50 BASANT LOK, NEW DELHI.
13	SALAD CHEF, C-1/GF, MAIN MARKET VASANT VIHAR ND.
14	SANDEEP HOLIDAY INN RESTAURANT, F-3/22 VASANT VIHAR NEW DELHI.
15	NIRULA, 23- BASANT LOK VASANT VIHAR, NEW DELHI.
16	NEW DELHI ZAIKA, 59- VASANT LOK VASANT VIHAR, ND.

17	PVR PRIYA-1, GF SEVICE CANTEEN PVR PRIYA-1.
18	SERVICE CANTEEN, FF PVR PRIYA-1, DELHI.
19	TRIPTI RESTAURANT & CANTEEN, A-67M 1/1 MAHIPAL PUR EXTN. NEW DELHI.
20	ANUPAM SNAKS CORNER F-205, BEHIND ANUPAM SNACKS CORNER.
21	SENSO RESTAURANT& BAR, 33- BASANT LOK COMMUNITY CENTRE, VASANT VIHAR, ND.
22	PUNJAB BY NATURE, NO-11, BASANT LOK, COMMUNTY CENTE, VASANT VIHAR
23	HASH(A UNIT OF MILLENNIUM), 46-FF COMMERCIAL COMPLEX, VASANT VIHAR, ND.
24	BARISTA, 55- BASANT LOK VASANT VIHAR NEW DELHI.
25	NEAR EAST RESTAURANT, 15- BASANT LOK VASANT VIHAR, NEW DELHI.
26	HAZE, 8- BASANT LOK COMMUNITY CENTRE VASANT VIHAR, NEW DELHI.
27	RPM MAX WHAT Z UP, 40 COMMUNITY CENTER BASANT LOK VASANT VIHAR.
28	ITALIC RESTAURANT, C-25 VASANT VIHAR, C-BLOCK MKT, NEW DELHI.
29	SAFFRON HOSPITALITY PVR, 1 COMMUNITY CENTRE BASANT LOK VASANT VIHAR ND.
30	EGGSPECTION RESTAURANT, JAY PEE VASANT CONTINENTAL BASANT LOK VASANT VIHAR.
31	MGF & SALE OF BAKERY , JAY PEE VASANT CONTINENTAL BASANT LOK VASANT VI.
32	TAPAS BAR, JAY PEE VASANT VONTINENTAL BASANT LOK VASANT VIHAR.
33	BAKERY SHOP SALE OF BAKERY, JAY PEE VASANT CONTINENTAL BASANT LOK.
34	RASHI RESTAURANT PVT LTD, 20-B BASANT LOK VASANT VIHAR NEW DELHI.
35	KYLIN, 24- BASANT LOK, VASANT VIHAR, NEW DELHI.
36	SANTORIA, 28-A, 18-C BASANT LOK MARKET VASANT VIHAR.
37	M/S 38-FM LOUNGE, FIRST FLOOR 38 BASANT LOK NEW DELHI.
38	MOTI MAHAL DELUX, C-4, C BLOCK VASANT KUNJ NEW DELHI.
39	M/S KMERICA SERVICES PVT LTD, D-12 LSC VASANT VIHAR, NEW DELHI.
40	ARABIAN NIGHTS, 59 BASANT LOK, VASANT VIHAR,NEW DELHI.
41	NEW CAFÉ DLF PLACE VASANT KUNJ NEW DELHI.
42	BENGAL SWEET CORNER, 81-A BASANT NAGAR VILLAGE NEW DELHI-57.
43	M/S KFC, FF PRIYA CINEMA BUILDING AT PLOT NO- 61.
44	M/S CHINESE FOOD, 92/G-1 GF OUTER RING ROAD PRATAP MARKET.
45	M/S AGGARWAL SWEET, 9- RAMA MARKET GF MUNIRKA NEW DELHI.
46	M/S CAFÉ COFFEE DAY, D-50 FF VASANT LOK VASANT VIHAR NEW DELHI.
47	M/S GLORIA COFFEE, 14-A BASANT LOK MARKET VASANT VIHAR NEW DELHI.
48	M/S IMPACT HOSPITALITY, GF KAILASH HOSTEL IIT CAMPUS HAUZ KHAS ND.
49	M/S IMPACT HOSPITALITY, GF NEXT TO BHARTI BUILDING IIT CAMPUS

	ND.
50	M/S IMPACT HOSPITALITY, GF KUMAON HOSTEL IIT CAMPUS HAUZ KHAS ND.
51	M/S SHREE BALAJI RESTAURANT, 12 RAMA MARKET MUNIRKA NEW DELHI-67.
52	M/S SLICE OF ITALY, E-249 RAMA MARKET MUNIRKA VILLAGE ND.
53	M/S KHANA KHAZANA, STALL NO.2 DDA SFS FLATS BASANT ENCLAVE ND.
54	M/S AGGARWAL SWEETS, 10 - RAMA MARKET MUNIRKA NEW DELHI.
55	M/S CHILIS, R-308 IIIRD FLOOR AMBIENCE MALL VASANT VIHAR ND.
56	M/S SUNDER DHABA, 92 GF ADCHINI VILLAGE SRI AUROBINDO MARG, ND.
57	DOMINOS PIZZA, SHOP NO-6 BASANT LOK VASANT VIHAR NEW DELHI.
58	M/S MOOD HOSPITALITY, GF MEZANINE FF-7 COMMUNITY CENTRE.
59	M/S SOI THAI, 1 ST FLOOR PLOT/SHOP NO-38, VASANT LOK NEW DELHI.
60	VEDANTAS RESTAURANT, GF SHOP NO-209-B/3 MUNRKA VILLAGE NEW DELHI.
61	PASS CODE (45 SEATS), GF & MEZZ, D-4 D-BLOCK MARKET VASANT VIHAR ND.
62	COCOA HOUSE, GF&FF OF THE PREMISES PROPERTY .
63	COSTA COFFEE, GF PVR COMPLEX 61, BASANT LOK VASANT VIHAR ND
64	ISETTA, SHOP NO-G4 GF AMBIENCE MALL VASANT VIHAR ND.
65	MADHUBAN SWEETS, 15-DDA SHOPPING CENTRE KATWARIA SARAI ND.
66	PIZZA HUT, 3 RD FLOOR T-317 AMBIENCE MALL VASANT VIHAR ND.
67	PIZZA HUT, 41-BASANT LOK MARKET VASANT VIHAR ND.
68	THE PIANO MAN, IST FLOOR BASANT LOK COMPLEX VASANT VIHAR ND.
69	SPIZE HOSPITALITY, IST FLOOR BSANT LOK COMPLEX VASANT VIHAR ND.
70	PUNJABI BY NATURE, THIRD FLOOR T-305 AMBIENCE MALL VASANT VIHAR ND.
71	KAMAL MAHAL, HOTEL MAURYA SHERATON NEW DELHI.
72	NEW GOLF BAR, HOTEL MAURYA SHERATON NEW DELHI.
73	MAURAYA MADIRA.
75	DRIMPUKHT, WELCOME HOTEL MAURYA.
76	BUKHARA, WELCOME HOTEL MAURYA.
77	UPPER GRUST LOUNGE, WELCOME HOTEL MAURYA.
78	MAURYA MITHAI SHOP , HOTEL MAURYA.
79	ROOM SERVICE, HOTEL MAURYA.
80	STAFF CAFETERIA RESTAURANT, HOTEL MAURYA.
81	DUBLIN, HOTEL MAURYA.
82	MY HUMBLE HOUSE, HOTEL MAURYA
83	PAVILION, HOTEL MAURYA
84	WEST VIEW, HOTEL MAURYA
85	FUJIA RESTAURANT, 12/48 MALCHA MARG, CH. PURI ND
86	OLIVE BEACH, 9 SARDAR PATEL ROAD, CHANAKYA PURI
87	VOLGA RESTAURANT, 18-B CONAUGHT PALCE, NEW DELHI
88	CAFÉ FONTANA, TAJ PALACE HOTEL NO-2 SARDAR PATEL ROAD

89	MASALA ART, TAJ PALACE HOTEL NO-2 SARDAR PATEL ROAD
90	RESTAURANT, SHOP NO.12 SOUTH AVENUE MARG NEW DELHI
91	MADHU RESTAURANT, 10-SOUTH AVENUE MARKET, NEW DELHI
92	MOHINDRA RESTAURANT, SHOP NO-1 SOUTH AVENUE NEW DELHI
93	BLUE GINGER RESTAURANT, TAJ PALACE HOTEL NO-2 SP MARG NEW DELHI
94	ORIENT EXPRESS, TAJ PALACE HOTEL NO-2 SP MARG NEW DELHI
95	CHINA TOWN, ASHOKA HOTEL CHANAKYA PURI NEW DELHI
96	STAFF CANTEEN, ASHOKA HOTEL, CHANAKYA PURI NEW DELHI
97	COFFEE SHOP RESTAURANT, ASHOKA HOTEL CHANAKYA PURI NEW DELHI
98	TOKYO RESTAURANT, ASHOKA HOTEL CHANAKYA PURI NEW DELHI
99	OUDDH RESTAURANT, ASHOKA HOTEL CHANAKYA PURI NEW DELHI
100	BURGANDI RESTAURANT, ASHOKA HOTEL CHANAKYA PURI NEW DELHI
101	FRONTIER RESTAURANT, ASHOKA HOTEL CHANAKYA PURI NEW DELHI
102	SALEEM RESTAURANT, J-1/17 SUJAN SINGH PARK NEW DELHI
103	MOTI MAHAL DELUX SOUTH, 20/48 MALCHA MARG MARKET NEW DELHI
104	CHIMNEY RESTAURANT, SHOP NO-16 YASWANT PLACE CHANAKYA PURI ND
105	TOWER CLUB, WG MAURYA SHARETAN HOTEL SARDAR PATEL ROAD ND
106	AL-QURESH BAR-BE-QUE, 7V, YASHWANT PLACE, CHANAKYA PURI ND
107	LAZEEZ AFFAIR,6/48, MALCHA MARG, CHANAKYA PURI ND
108	THE GARDEN RESTAURANT, BUDH JAYANTI PARK, UPPER RIDGE ROAD ND
109	M/S FORTE GRAND, AKBAR BHAWAN ANNEXE-1 CHANAKYA PURI ND
110	SAGAR RATNA RESTAURANT, ASHOK HOTEL 50-B CHANAKYA PURI ND
111	CAPITAL/ART CAFÉ, ASHOK HOTE 5-B CHANAKYA PURI ND
112	MASHRUBIA RESTAURANT, ASHOK HOTEL 50-B CHANAKYA PURI ND
113	ROUGH RESTAURANT, ASHOK HOTEL50-B CHANAKYA PURI ND
114	KUMGANG RESTAURANT, ASHOK HOTEL50-B CHANAKYA PURI ND
115	AMBROSIA RESTURANT, ASHOK HOTEL50-B CHANAKYA PURI ND
116	BAKERY & CAKE SHOP, ASHOK HOTEL50-B CHANAKYA PURI ND
117	STAFF CANTEEN RESTAURANT, ASHOK HOTEL50-B CHANAKYA PURI ND
118	ASHOK ELITE CLUB LOUNGE ASHOK HOTEL50-B CHANAKYA PURI ND
119	LAP RESTAURANT, SAMRAT HOTEL 50-B CHANAKYA PURI ND.
120	STAFF CANTEEN AT SAMRAT HOTEL 50-B CHANAKYA PURI ND.
121	THE CHAKRA, HOTEL SAMRAT KAUTILA MARG, CHANAKYA PURI ND.
122	AL-KAUSER BAR BE QUE, NDMC KIOSK CORNER CHANAKYA PURI ND.
123	PALIKA SERVICES OFFICE, VINAY MARG CHANKYA PURI DELHI.
124	STEEL BAR, ASHOK HOTEL50-B CHANAKYA PURI ND.
125	M/S MAIN DINNING HALL RESTAURANT, DELHI GYM KHANA CLUB, 2 SAFDARJUNG.
126	M/S FORT GRAND PREGS, AKBAR BHAWAN ANNEXE CHANAKYA PURI ND.

127	M/S BIKANER WALA, SHOPPING CUM OFFICE COMPLEX.
128	LAGUNA, V-18 YASHWANT PLACE, CHANAKYA PURI ND.
129	M/S CHIMNEY SIZZLERS, V-10 YASHWANT PLACE CHANAKYA PURI.
130	CHINEESE BITE, SHOP MV-12 YASHWANT PLACE CHANAKYA PURI.
131	M/S FEZ DINING, 3/48 MALCHA MARG SHOPPING CENTRE.
132	M/S SIDEWOK RESTAURANT, 3/48 MALCHA MARG SHOPPING CENTER.
133	M/S CAFÉ COFFEE DAY, FF, YASHWANT PLACE SERVICE STATION.
134	LAGUNA, V-6(11) YASWANT PLACE CHANAKYA PURI ND.
135	M/S KASHAP CORNER, SHOP NO-1 FOOD PLAZA YASHWANT PLACE ND.
136	CHINA TOWN,V-15 YASHWANT PLACE, CHANAKYA PURI ND .
137	M/S BAMBOO CHOPSTIX, 21 YASHWANT PLACE FOOD PLAZA ND.
138	BAWARCHI, SHOP NO-25 YASHWANT PLACE CHANAKYA PURI ND.
139	Its 9, FIRST FLOOR YASWANT PLACE CHANAKYA PURI ND.
140	M.U. NEW DELHI RESTAURANT, 14/48 SHOPPING COMPLEX MALCHA MARG ND.
141	M/S KASHMIR LOUNGE DELHI, N-2 SAFDARJUNG ROAD, NEW DELHI.
142	M/S ORIENTAL LOUNG DELHI, NO-2 SAFDARJUNG ROAD, NEW DELHI.
143	RESTAURANT, V-14 FOOD PLAZA YASWANT PLACE NEW DELHI.
144	M/S SHIRO RESTAURANT, HOTE SAMRAT CHANAKYA PURI, NEW DELHI.
145	CHANAKYA BAR-BE-QUE, YASWANT PLACE CHANAKYA PURI NEW DELHI.
146	HOSTEL VISHWAYOVAK.
147	M/S CHINA GARDEN RESTAURANT, HOTEL ASHOK 50-B DIPLOMATIC ENCLAVE ND.
148	DELHI POLICE OFFICERS, 17 MOTHER CRESENT NEW DELHI.
149	M/S MOBIUS, INSIDE SAMRAT HOTEL, CHANAKYA PURI ND .
150	RESTAURANT(20SEATS), 26 YASHWANT PLACE FOOD PLAZA ND.
151	ZAIKA RESTAURANT, SHOP NO-9 YASHWANT PLACE CHANAKYA PURI ND.
152	C.S.O.I. (PAVALION), VINAY MARG CHANAKYA PURI NEW DELHI.
153	C.S.O.I. (CONCLAVE), VINAY MARG CHANAKYA PURI NEW DELHI.
154	PUNJABI HOTEL, WZ-425, PALAM COLONY DELHI CANTT. DELHI.
155	KANHIYA LAL GULKANDI RAM AGGARWAL, III 4/5 SHAM SING BLDG, GOPINATH BAZAR DELHI .
156	PRAKASH SWEETS, SHOP NO-II/4, SARDAR DELHI CANTT.
157	AGGARWAL JAL PAN GRAH, 1/157, SADAR BAZAR, DELHI CANTT. DELHI
158	JANTA HOTEL, SHOP NO-II/6 NEW MARKET SADAR BAZAR DELHI CANTT. DELHI.
159	MILK DAIRY & RESTAURANT, I-48/49 GOPI NATH BAZAR DELHI CANTT. DELHI
160	PUNJAB HOTEL, SHOP NO 2/11, SADAR BAZAR DELHI CANTT. DELHI
161	DOGRA TEA STALL, 2/3 NEW MARKET SADAR BAZAR DELHI CANTT. DELHI.
162	KIRTI PAN HOUSE, II 63/1, SADAR BAZAR DELHI CANTT. DELHI.
163	RAJSTHAN SWEETS 5/4A SHASTRI BAZAR, DELHI CANTT. DELHI.
164	CAPITAL RESTAURANT, SHOP NO. DCB/III/1/2, SHASTRI BAZAR DELHI CANTT.

165	VAISHNO DHABA, WZ-11B/I, LAJWANTI GARDEN, NEW DELHI.
166	SHARMA SWEET CORNER, 8/252, MEHRAM NAGAR, NEW DELHI.
167	TURIHAY POINT RESTAURANT, III/1/FR DOWALD CAFÉ, GOPINATH BAZAR DELHI CANT.
168	KADIMIS, II/47/I SADAR BAZAR DELHI CANTT. DELHI.
169	AIRPORT RESTAURANT, AIRPORT HOTEL & RESTAURANT MEHRAM NAGAR.
170	M/S SIMRAN RASOI & CATERERS, IV-1/73 SHASTRI BAZAR DELHI CANTT. DELHI.
171	M/S CAFÉ COFFEE DAY, 13 SATYA NIKETAN NANAKPURA, NEW DELHI.
172	RADISSON BLUE HOTEL, NATIONAL HIGHWAY NO-8 MAHIPAL PUR DELHI.
173	JAYPEE HOTELS (VASANT CONTINENTAL), 44 BASANT LOK VASANT VIHAR NEW DELHI.
174	SANDEEP INN PVT. LTD, F 3/22 VASANT VIHAR NEW DELHI
175	ICON TOWERS, D-46 PASCHIMI MARG, VASANT VIHAR, NEW DELHI.
176	JS INN, B-14 VASANT MARG VASANT VIHAR NEW DELHI.
177	REGENTA HOTEL & CONVENTION, NATIONAL HIGHWAY-8, RAJOKARI VILLAGE.
178	VISHWA YUVAK KENDRA, CIRCULAR ROAD, CHANAKYA PURI NEW DELHI.
179	MAURYA SHERATON, 1 SARDAR PATEL MARG NEW DELHI.
180	TAJ PALACE, 2 SARDAR PATEL MARG NEW DELHI.
181	DIPLOMAT, 9 SARDAR PATEL MARG ENW DELHI.
182	THE ASHOK HOTEL, 50-B CHANAKYA PURI NEW DELHI.
183	INTERNATIONAL YOUTH HOSTEL, INTERNATIONAL YOUTH HOSTEL 5 NYAYA MARG ND.
184	AIRPORT HOTEL & RESTAURANT, VIII/148 TO VIII/152, MEHRAM NAGAR DELHI CANTT.
185	ASHOKA PALACE, F-2 ANAND NIKETAN NEW DELHI-110021.

ANNEXURE-IX

* EDUCATIONAL INSTITUTIONS

SCHOOLS IN SUB - DIVISION (CHANAKYA PURI)

SENIOR SECONDARY (GOVT.)	
S. No	Name of Schools With Address
1	N.P. Boys Sr. Sec. School, Mandir Marg, New Delhi-110001
2	N.P. Girls Sr. Sec. School Gole Market, New Delhi-110001
3	N.P. Bengali Girls Sr. Sec. Sch. Gole Market, New Delhi-110001
4	N.P. Co-Ed Sr. Sec. School, Ansari Nagar, New Delhi-110029
5	N P Co -Ed Sr. Sec. School, Tilak Marg, New Delhi-110001
6	N.P. Co-Ed Sr. Sec. School, Lodhi Estate, New Delhi-110003
7	N.P. Co-Ed Sr. Sec. School, Babu Dham, New Delhi-110021

8	N.P. Girls Sr. Sec. School, Havlock Square, New Delhi-110001
9	N.P. Co-Ed Sr. Sec. School, Aurangzeb Lane, New Delhi-110011
10	N.P. Co-Ed Sr. Sec. School, Lodhi Road, New Delhi-110003
11	N.P. Co-Ed. Sr. Sec. Sch. Laxmi Bai Nagar, New Delhi-110023
SECONDARY SCHOOL	
12	N.P Co-Ed Sec. School, Babar Road, New Delhi-110001
13	N.P. Co-Ed Sec. School, Sangli Mess, New Delhi-110001
14	N.P. Co- Ed. Sec. School. Kitchner Road, New Delhi-110021
15	N.P. Co-Ed. Sec. Sch. Aliganj (Phase Manner), New Delhi-110003
16	N.P. Girls Sec. Sch. Balmiki Basti, N.D.(Primary/Nursery & Urdu Wing Attached)- New Delhi-110001
MIDDLE SCHOOL	
17	N.P. Co-Ed Day Boarding Middle School, Hanuman Lane, New Delhi-110001
PRIMARY SCHOOL	
18	N.P. Primary School No.3, Babar Road, N.D. (Merger Of N.P.Nursery School, Babar Road, New Delhi)-110001
19	N.P. Primary School, Kaka Nagar, N.D.(With Nursery & Urdu Wing Attached)-110013
20	N.P. Primary School, Sanjay Gandhi Camp, N.D. (With Nursery Wing Attached)- 110031
21	N.P. Primary School, Ashoka Hotel, N.D. (With Nursery& Urdu Wing Attached)-New Delhi-110021
22	N.P. Primary School, (K. Kamraj Marg), N.D. (Merger Of N.P. Nursery School, K. Kamraj Marg, New Delhi)-110021
23	N.P. Primary School, Tuglak Crescent, N.D. (With Primary Wing Attached)New Delhi-110011
24	N.P. Primary School No.2, R K Ashram Marg, N.D-110001
NURSERY SCHOOLS	
25	N.P. Nursery School, Pandara Road, N.D-110003
26	N.P. Nursery School, Lodhi Road, N.D-110003
NAVYUG SCHOOLS	
27	Navyug Sr Sec School, Peshwa Road, New Delhi-110001
28	Navyug Sr Sec School, Laxmi Bai Nagar, New Delhi-110023
29	Navyug Sr Sec School, Lodhi Road, New Delhi-110003
30	Navyug Sr Sec School, Vinay Marg, New Delhi-110021
31	Navyug Sr Sec School, Mandir Marg, New Delhi-110001
32	Navyug Pry School Patudi House, New Delhi-110001
33	Navyug Pry School, Darbhanga House, New Delhi-110001
34	Navyug Secndry School, Pandara Park, New Delhi-110003
GOVT. SCHOOL	
35	Dr. Rajendra Prasad Sarvodaya Vidyalay, President's Estate, Near Gate No.30, Opp. Talkotara Stadium, New Delhi, Delhi 110004
36	Govt Sarvodaya Co-Ed Sr Sec School, Kitchner Road, Malcha Marg, New Delhi- 110021
37	Government Boys Senior Secondary School, Near Pandara Park, New Delhi-110003
38	Govt. Sarvodaya Kanya Vidyalaya, Pandara Road, New Delhi-110003
GOVT. AIDED SCHOOLS	
39	D.T.E.A. Sr. Sec. School, Mandir Marg New Delhi - 110001
40	D.T.E.A. Senior Secondary School, Lodi Estate, New Delhi-110003
41	Dayanand Model Sr. Sec. School (For Girls), Mandir Marg, New Delhi - 110001

42	Delhi Kannada Sr. Sec. School, Lodhi Estate, New Delhi-110003
43	Harcourt Butler Sr. Sec. School, Mandir Marg, New Delhi-110001
44	Kerala Education Society Sr. Sec. School, S.M.S Marg (Canning Road), New Delhi 110001
45	Khrist Raja Sec. School, Bangla Sahib Road, New Delhi - 110001
46	Lady Irwin Sr. Sec. School, Canning Road, New Delhi -110001
47	Lion Vidya Mandir Sec. School, Kashmir House, Kushak Lane, Teen Murti, New Delhi-110011
48	P&T Sr. Sec. School, T-25 Atul Grove Road, New Delhi-110001
49	R.M. Arya Girls Senior Secondary School, Raja Bazar, New Delhi-110001
50	Raisina Bengali Sr. Sec. School, Mandir Marg, New Delhi-110001
51	Shyama Prasad Vidyalaya Sr. Sec. School, 17a Lodhi Estate New Delhi 110003
52	The Union Academy Sr. Sec. School, DIZ Area-Sector-IV Gole Market, New Delhi - 110001
53	Vidya Bhawan Mahavidyalaya Senior Secondary School, 56, Max Muller Marg, Lodhi Estate, New Delhi, Delhi 110003
54	Andh Mahavidyalaya, Panchkuian Rd, Near Ramakrishna Ashram Metro Station, New Delhi, Delhi 110001
55	Bal Sahyog Middle School, Connaught Circus, New Delhi - 110001
56	Air Force Senior Secondary School, Old Wellingtons Camp, Race Course, New Delhi, Delhi 110003

PRIVATE SCHOOL

57	Sanskriti School, Dr. S Radha Krishnan Marg, Chanakyapuri, New Delhi - 21
58	Sardar Patel Vidyalaya, Lodi Estate, New Delhi-110003
59	Carmel Convent School, Malcha Marg, Chanakyapuri, New Delhi - 110 021
60	St. Thomas Girls Senior Secondary School, Mandir Marg, Delhi-110001
61	Jain Happy School, Sector-2, DIZ Area, New Delhi - 110001
62	Mater Dei School, Tilak Lane, New Delhi-110001
63	St. Columbas School, 1, Ashok Place, Near Gole Dakhana, Gole Market, New Delhi, Delhi 110001
64	Modern School, Barakhamba Road New Delhi-110001
65	Convent Of Jesus And Mary School, 1, Bangla Sahib Marg, New Delhi - 110 001
66	Vidya Public School, Vidya Bhawan Bangla Sahib Road Opp Kali Mandir Connaught Place New Delhi-110001
67	Guru Harkrishan Public School, 1 Purana Quila Road New Delhi-110001
68	Bharatiya Vidya Bhavan's Mehta Vidyalaya, Kasturba Gandhi Marg, New Delhi-110001
69	Navy Children School, Satya Marg, Chanakyapuri, New Delhi - 110021
70	Raghubir Singh Junior Modern School, Humanyun Road, India Gate, New Delhi-110003

KENDRIYA VIDYALAYA

71	Kendriya Vidyalaya, Gate No. 6, Park Street, Behind, Ram Manohar Lohia Hospital, Gole Market, New Delhi, Delhi 110001
72	Kendriya Vidyalaya (Dr.Rajendra Prasad), President Estate,New Delhi , President Estate,New Delhi

SCHOOLS IN SUB - DIVISION (DELHI CANTT.)

GOVT. SCHOOL	
S. No.	Name Of School With Address
1.	Sarvodaya Bal Vidyalaya, Kabul Lines, Tigris Road, Delhi Cantonment, New Delhi, Delhi 110010
2.	Sarvodaya Bal Vidyalaya, Baba Baagh Wala Marg, B - Block, Naraina Vihar, Naraina, New Delhi, Delhi 110028
3.	Govt Co Ed Seniors Secondary School, Northern Access Road, Mehram Nagar East, Mehram Nagar, New Delhi, Delhi 110010
4.	Govt Boys Sr Sec School, I A R I Pusa New Delhi
5.	Government Boy's Senior Secondary School, G-195, CH. Girdhari Lal Marg, Naraina Vihar, Naraina, New Delhi, Delhi 110028
6.	Sarvodaya Kanya Vidyalaya, F-Block, Budh Nagar, Inderpuri, New Delhi-110012
7.	Sarvodaya Kanya Vidyalaya, IARI Pusa Road, New Delhi - 110012
8.	Sarvodaya Kanya Vidyalaya, Sadar Bazar, Delhi Cantt. 110010.
9.	Sarvodaya Kanya Vidyalaya, C-52, Block C, Naraina Vihar, Naraina, New Delhi, Delhi 110028
10.	Govt. Boys Sr. Sec. School, F -Block, Budh Nagar, Inderpuri, New Delhi - 110012.
11.	Shahid Captain Amit Verma Govt. Co-Ed Sarvodaya Vidyalaya Inder Puri New Delhi - 110012.
12.	Govt. Boys Sr. Secondary School, Moti Bagh - I, New Delhi - 110022
13.	Govt. Sarvodaya Kanya Vidyalaya, Moti Bagh - I, New Delhi - 110022
14.	Sarvodaya Vidyalaya Co-Ed Senior Secondary School, Moti Bagh - II, Nanak Pura, New Delhi-110021
15.	Bidhan Chandra Sr. Sec. School, Moti Bagh, New Delhi-110021
16.	DTEA Sr. Secondary School, Nanak Pura, Moti Bagh - II, New Delhi - 110021
17.	Govt. Sarvodaya Co-Ed Sr. Sec. School, Mehram Nagar, New Delhi - 110037
18.	N.P. Co-Ed Sr. Sec.School, Moti Bagh, New Delhi-110021
19.	N.P. Co-Ed. Sr.Sec. Sch. Nauroji Nagar, New Delhi-110029
GOVT. AIDED SCHOOL	
20.	Air Force Sr Sec School, Delhi Cantt. Delhi 110010
21.	Rajputana Rifles Hero Memo Co-Ed Sr. Sec. School, Delhi Cantt. Delhi - 110010
22.	S.D. (Co-Ed) Senior Secondary School, Geeta Ashram, Delhi Cantt., Delhi - 110010
23.	Shri Guru Nanak Khalsa Girls Sr. Sec. School, Sadar Bazar, Delhi Cantt., Delhi - 110010
24.	D.A.V. Secondary School, Sadar Bazar, Delhi Cantt., Delhi - 110010
25.	Maude Linen Air Force Primary School, Palam Delhi Cantt., Delhi - 110010
PRIVATE SCHOOL	
26.	Aravali Public School, WZ-555 Naraina Village New Delhi-110028
27.	Dasmesh Public School, WZ-5721 Club Road Naraina New Delhi-110028

28.	Kalgidhar National Public School, Block EB, Inder Puri, New Delhi, Delhi 110028
29.	Air Force Gyan Jyoti School, Air Force Station, Delhi Cantt, Rock View, Delhi Cantonment, New Delhi, Delhi 110010
30.	The Air Force School, Subroto Park, Delhi Cantt., Delhi - 110010
31.	Rockvale Public School, WZ-572Q/1,, Naraina, New Delhi, Delhi 110028
32.	Continental Public School, F-73, Block F, Naraina Vihar, Naraina, New Delhi, Delhi 110028
33.	Army Public School, Ridge Road, Dhaula Kuan, New Delhi -110010
34.	Guru Nanak Public School, Gurdwara Building Sadar Bazar Delhi Cantt-110010
35.	St Martin's Diocesan School, Church Road Delhi Cantt- 110010
36.	Army Public School, Sadar Bazar Road, Delhi Cantt. - 110010
37.	Air Force Golden Jubilee Institute, Subroto Park, Delhi Cantt. - 110010.
38.	Gyan Mandir Public School, E-Block Naraina Vihar New Delhi-110028
39.	Loreto Convent School, Parada Road Delhi Cant-110010
40.	Radiant Model School, 267, Nangal Raya Jail Road, New Delhi - 110046
41.	S.K.R. Senior Secondary Public School, Bohrianwala Thalla Complex Inderpuri New Delhi-110012
42.	Tagore Public School, D-Block, Naraina Vihar, New Delhi - 110028
43.	Mount St Mary School, 75 Parade Road Delhi Cantt-110010
44.	Vidya Niketan Public School, Nanak Pura, Moti Bagh - II, New Delhi-110021
45.	Springdale School, Benito Juarez Road, Dhaula Kuan, New Delhi, Delhi 110021
KENDRIYA VIDYALAYA	
46.	Kendriya Vidyalaya No. 1, Nearby Metro station:, on Pink Line, 1/174, Sadar Bazar Road, Basantra Line, Sadar Bazaar, Delhi Cantonment, Delhi 110010
47.	Kendriya Vidyalaya No. 2, Near, Indra Gandhi Road, APS Colony, Delhi Cantonment, New Delhi, Delhi 110010
48.	Kendriya Vidyalaya No. 3, Ring Road Delhi Connaught, Naraina, Delhi 110010
49.	Kendriya Vidyalaya No. 4, Kandhar Lines, Delhi Cantonment, Delhi 110010

SCHOOLS IN SUB - DIVISION (VASANT VIHAR)

GOVT. SCHOOLS	
S. No.	Name of Schools with address
1.	Jose Marti Sarvodaya Vidyalaya, Sector - 12, R. K. Puram, New Delhi - 110022
2.	Ganesh Shankar Vidyarathi Sarvodaya Bal Vidyalaya No. 1 Sarojni Nagar, 4th Cross Rd, Near Police Station, Ashok Nagar, Delhi 110023
3.	Govt. Boys Sr. Secondary School No. 3, Sarojini Nagar, New Delhi - 110023
4.	Govt. Boys Sr. Secondary School No. 4, Sarojini Nagar, New Delhi - 110023
5.	Sarvodaya Vidyalaya, No. 3, Sector - 07, R K Puram, New Delhi-110022
6.	Government Girls Senior Secondary School No. 3, Sarojini Nagar, New Delhi 110023
7.	Sarvodaya Kanya Vidyalaya No. 01, Sarojini Nagar, New Delhi-110023

8.	Government Girls Senior Secondary School, Sector - 4, R K Puram, New Delhi-110022
9.	Government Sarvodaya Co. Ed. Senior Secondary School, Outer Ring Road, Sector - 6, R K Puram, Delhi 110022
10.	Co-ed Senior Secondary School, Laxmi Bai Nagar, New Delhi-110023
11.	Sarvodaya Vidyalaya Co-ed Senior Secondary School, Netaji Nagar, New Delhi-110023
12.	Govt. Co-Ed Senior Secondary School, Sector - 5, R K puram, New Delhi-110022
13.	Sarvodaya Co-Ed Senior Secondary School, Munirka, New Delhi-110067
14.	Govt. Sarvodaya Vidyalaya Co-Ed Sector - 13, R K Puram, New Delhi - 110066
15.	Govt. (Co-Ed), Sarvodaya Vidyalaya Sr. Sec. Vasant Vihar, New Delhi-110057
16.	Govt. Boys Sr. Sec. School, Avenue Jhakaranda, Rajokri, New Delhi, Delhi 110038
17.	Govt. Boys Sr. Sec. School, Surender Singh Market, Mahipalpur Village, Delhi 110037
18.	Govt. Boys Sr. Sec. School, Ghitorni, M. G. Road, New Delhi - 110030
19.	Sarvodaya Kanya Vidyalaya, Near shiv Mandir, Avenue Jhakaranda, Rajokri, New Delhi-110038
20.	Sarvodaya Kanya Vidyalaya (Amar Shaheed Major Sehrawat) L block, Mahipalpur Village, New Delhi-110076
21.	Sarvodaya Kenaya Vidyalaya, 426, Mehrauli-Gurgaon Rd, Ghitorni Village, Ghitorni, Mehrauli-Gurgaon Rd, Ghitorni, New Delhi, Delhi 110030
22.	Govt. Co.-ed. Middle School, C-4, Vasant Vihar Poorvi Marg, Block F, Vasant Vihar, New Delhi, Delhi 110057
23.	Rajkiya Pratibha Vikas Vidyalaya, Pocket - 1, Sector - B, Vasant Kunj, New Delhi-110067
24.	Nigam Pratibha Vidyalaya (Girls), CPWD Colony, Vasant Vihar, New Delhi-110017
25.	Nigam Pratibha Vidyalaya (Boys), CPWD Colony, Vasant Vihar, New Delhi-110017
26.	Nigam Pratibha Vidyalaya (Co -edu), Munirka, New Delhi-110067
27.	MCD Primary School (Co-edu), Sec-02, R.K. Puram, New Delhi-110022
28.	MCD Primary School (Co-edu), R.K.Puram, Sector-3, New Delhi-110022
29.	Nigam Pratibha Vidyalaya (Co-ed), R.K.Puram, Sector-4, New Delhi-110022
30.	Nigam Pratibha Vidyalaya (Girls), Sec-1, R.K. Puram New Delhi-110022
31.	Nigam Pratibha Vidyalaya (Girls), R.K.Puram, Sector-5, New Delhi-110022
32.	MCD Primary School (Co-edu), R.K.Puram, Sector-9, New Delhi-110022
33.	MCD Primary School (Co-edu), R.K.Puram, Sector-12, New Delhi-110022
34.	MCD Primary School (Co-ed), Mohamadpur , New Delhi-110066
35.	MCD Primary School (Girls), R.K.Puram, Sector-6, New Delhi-110022
36.	MCD Primary School (Boys), R.K.Puram, Sector-6, New Delhi-110022
37.	Nigam Pratibha Vidyalaya (Co-ed), R.K.Puram, Sector-7, New Delhi-110022
38.	MCD Primary School (Co-ed), R.K.Puram, Sector-8, New Delhi-110022
39.	Nigam Pratibha Vidyalaya, Masood Pur, New Delhi-110037
40.	Nigam Pratibha Vidyalaya (Girls), Rajokari New Delhi-110017
41.	Nigam Pratibha Vidyalaya (Boys), Rajokari, New Delhi-110074
42.	MCD Primary School, Bagdola, New Delhi-110077
43.	MCD Primary School (Girls), Ghitorni, New Delhi-110030
44.	MCD Primary School (Boys), Ghitorni, New Delhi-110030
45.	N.P. Co-Ed. Sec. School Netaji Nagar, New Delhi-110023

46.	N.P. Co-Ed. Sec. Sch. Babu Market. Sarojini Nagar (Phase Manner), New Delhi-110023
47.	N.P. Primary School model No.1, East Kidwai Nagar, New Delhi-110023
48.	N.P. Primary School Model No.2, Kidwai Nagar, N.D. (Merger Of N.P. Nursery School Model No.1, Kidwai Nagar, New Delhi-110023
49.	N.P. Primary School No.1, B Avenue Sarojini Nagar, New Delhi-110023
50.	N.P. Primary School Dg Block , Sarojini Nagar, New Delhi-110023
51.	N.P. Primary School No.1, Netaji Nagar, New Delhi-110023(Nursery Wing Attached)
52.	N.P. Primary School, No.1, Moti Bagh, New Delhi-110023 (With Nursery Wing Attached)
53.	N.P. Primary School No.2 Netaji Nagar, New Delhi-110023.(With Nursery Wing Attached)
54.	N.P. Nursery School, B Avenue Sarojini Nagar, New Delhi-110023
55.	Navyug Sr Sec School, Sarojini Nagar, New Delhi-110023
56.	Navyug Sr Sec School, Moti Bagh, New Delhi-110023
GOVT. AIDED SCHOOL	
57.	DTEA Sr. Secondary School Laxmi Bai Nagar, New Delhi - 110023
58.	Vinay Nagar Bengali Senior Secondary School, A. K. Roy Marg, Sarojini Nagar, New Delhi - 110023
59.	Khalsa Middle School, Sarojini Nagar, Delhi - 110023
60.	DTEA Sr. Secondary School, Sector - 4, R K Puram New Delhi-110022
61.	Kerala Education Society School, R K Puram, New Delhi - 110022
62.	Telugu Middle School, R K Puram, New Delhi - 110022
63.	Hope Hall Middle School, Sector - 7, R K Puram, New Delhi- 110022
64.	Basant Gram, Adarsh Sanskrit Vidyalaya Vasant Village, New Delhi -110057
PRIVATE SCHOOLS	
65.	Sanjay Bal Vidyalaya, Sector - 7, R K Puram, Delhi-110022
66.	Ramjas School, Sector - 4, R K Puram, New Delhi-110022
67.	Delhi Public School, Sector - 12, R K Puram, New Delhi-110022
68.	Lal Bahadur Shastri Senior Secondary School, Sector - 3, R K Puram, New Delhi-110022
69.	Mount Carmel School, A- 21, Anand Niketan, New Delhi - 110021
70.	Sadhu Vaswani International School, 2nd Street, Shanti Niketan, New Delhi, Delhi 110021
71.	Rattan Chand Arya Public School, Arya Samaj Mandir, Sarojini Nagar, Y-Lane, New Delhi, Delhi 110023
72.	J D Tytler School, DDA Flats, Munirka, New Delhi, Delhi 110067
73.	Maa Ganga Vidyalaya, Khasra No. 520, near Panchyat Ghar, Rajokari, New Delhi-110038
74.	Vasant Valley School, Sector - C, Vasant Kunj, New Delhi - 110070
75.	Chinmaya Vidyalaya, Munirka Marg, Vasant Vihar, New Delhi - 110057
76.	K.S. Memorial Public School, Village & PO Ghitorni, New Delhi - 110030
77.	Tagore International School, B Paschim Marg, Vasant Vihar, New Delhi-110057
78.	G.D. Goenka Public School, Sector-B, Vasant Vihar, New Delhi - 110070.
79.	Upras Vidyalaya, Vasant Marg, Vasant Vihar, New Delhi - 110057
80.	Poorna Prajna Public School, D-3 Vasant Vihar, New Delhi - 110070

81.	Ryan International, Sector- C, Pocket - 8, Vasant Vihar, New Delhi - 110070
82.	Akshya Pratishthan, Sector D3, Vasant Vihar, New Delhi - 110070
83.	Bhatnagar International School, Sector - B, Pocket - 10, Vasant Kunj, New Delhi - 110070
84.	Deep Public School, D - II, Vasant Kunj, New Delhi - 110070
85.	D.A.V. Public School, B - 1, Vasant Kunj, New Delhi - 110070
86.	Delhi Public School, Sector - C, Pocket -5, Vasant Vihar, New Delhi - 70
87.	Guru Harikrishan Public School, Vasant Vihar Poorvi Marg, New Delhi - 70
88.	Holy Child Auxilum, Poorvi Marg Vasant Vihar, New Delhi - 57
89.	Modern School, Poorvi Marg Vasant Vihar, New Delhi - 57
90.	Masonic Public School, Poorvi Marg Vasant Vihar, New Delhi - 57
91.	Suraj Bhan D.A.V. Public School, F-10/15 Vasant Vihar New Delh - 57
92.	The Heritage School, D - II, Vasant Kunj, New Delhi - 57
93.	Bloom Public School, C/8, Vasant Vihar, New Delhi - 70
94.	Army Public School, Shankar Vihar, Mahipalpur, New Delhi-110010
95.	Lalit Mahajan SVM School, Vasant Vihar near CPWD Colony, New Delhi -110057
96.	Ambosia Public School, Kh. No. 823 K - II Block, Mahipalpur Extension, Neel Kanth Mandir, New Delhi-110037
97.	R J Public School, Block L/15 Khasra No. 696/2 Mahipalpur Extension, New Delhi-110037
98.	Sukhodaya Model School, Old Rangpuri Road, Mahipalpur, New Delhi-110037
99.	Modern Public School, LH No. 1497, Vasant Kunj Enclave, New Delhi-110070
100.	Shalimar Public School, A - 137, Mahipalpur, New Delhi-110037
101.	The Shri Ram School, D-3 Gali Vasant Vihar Delhi-110057
102.	DAV Public School, Sector - 09 R K Puram, New Delhi - 110022
103.	Gian Sagar Convent School, Khasra No. 516, Rajokari, Opp. Peer Baba, New Delhi - 110038
104.	New Little Stone Public School, 171-Vasant Kunj, South West Delhi, Delhi, Postal Code: 110030
105.	Hope Hall Foundation School, Sector - 7, R K Puram, New Delhi - 110022
KENDRIYA VIDYALAYA	
106.	Kendriya Vidyalaya, R K Puram, Sector - 2 near St. Thomas Church, Delhi - 110022
107.	Kendriya Vidyalaya, R K Puram, Sector - 4, Central Park, Vivekanand Marg, Delhi 110022
108.	Kendriya Vidyalaya, R K Puram, Sector - 8, Rao Tularam Marg, West End Colony, Delhi 110022
109.	Kendriya Vidyalaya, AAI Rangpuri, 3, Pocket 6, IAA Colony, Sector D, Vasant Kunj, Delhi 110070
110.	Kendriya Vidyalaya, B-5&6, Kishangarh - Mehrauli Road, Pocket B, Sector B, Vasant Kunj, New Delhi, Delhi 110070

❖ COLLEGES & UNIVERSITIES

S.NO.	NAME & ADDRESS
1	Jesus Mary college chanakya Puri, New Delhi-110021
2	Lady Irwin College, New Delhi-110001
3	Maitreyi College, New Delhi-110021
4	College of Art, Delhi Administration, 20-22, Tilak Marg, New Delhi-110001
5	Ram Lal Anand College (Morning), Benito Juarez Marg, New Delhi-110021
6	Ram Lal Anand College (Evening), Benito Juarez Marg, New Delhi-110021
7	Venkateswara College, Dhaula Kuan, New Delhi-110021
8	Atma Ram Sanatan Dharam College, Daula Kuan, Ring Road, New Delhi-110021
9	Lady Hardinge Madical College, Shaheed Bhagat Singh Marg, New Delhi-110001
10	Moti Lal Nehu College, Benito Juarez Marg, Delhi University, South Campus, New Delhi-110021
11	Moti Lal Nehru College(Evening), Benito Jaurez Marg, New Delhi-110021
12	Jawahar Lal University, New Mehrauli Road, New Delhi-110067
13	University of Delhi, South Campus, Benito Jaurez Marg, New Delhi-110021

* LIST OF VILLAGES – NEW DELHI DISTRICT

❖ DELHI CANTT (SUB-DIVISION)

S.NO.	NAME OF VILLAGES
1.	Muradabad Pahari
2.	jaddi chawani
3.	Naraina village
4.	Nangal Raya village
5.	Sagar pur
6.	Shahbad mohd. Pur
7.	Sahu pur
8.	Bagldola
9.	Todapur
10.	Dasghara village
11.	Delhi cantt chawani

❖ VASANT VIHAR (SUB-DIVISION)

S.NO.	NAME OF VILLAGES
1	Rang puri
2	Mahipal pur
3	Rajokari
4	Nangal devat
5	Samelkha
6	Ghitorni
7	kusumpur pahari
8	Mohd. Pur
9	Basant nagar

* LIST OF J J CLUSTER – NEW DELHI DISTRICT

❖ CHANAKYA PURI (SUB-DIVISION)

S.NO.	CHANAKYA PURI	LOCATION
1.	Janta Camp	Janta Camp, Near Pragati Maidan, Bhairo Mandir Road, New Delhi-110001.
2.	Anna Nagar	Anna Nagar, Near ITO Tilak Bridge, Railway Line, New Delhi-110002.
3.	Hafiz Nagar	Hafiz Nagar, Near Ring Road, Railway Line, New Delhi-110001.
4.	Palika Dham	Palika Dham, Bangla Sahib Road, Near Met Hotel, Kali Mandir, New Delhi-110001.
5.	Talkatora	Talakatora Road, Near Talkatora Road, Apposite RML, New Delhi-110001.
6.	Dairy-95	Dairy-95, Near Water Supply, P&T Quarter, Kali Badi Marg, New Delhi-110001.
7.	Andh Mahavdyalya	Panchkuiyan Road, Near R.K. Metro Station, Gole Market, New Delhi-110001.
8.	Sanjay Camp	Sanjay Camp Chanakya Puri Near The Embassy Of Nigeria And The Rail Museum, New Delhi-110024.
9.	Shaheed Arjun Dass Camp	Shaheed Arjun Das Camp, Kidwai Nagar Near Guruduwara, New Delhi - 110023.
10.	Laxmi Bai Nagar	Laxmi Bai Nagar, New Delhi 110023.
11.	Vivekanand Camp	Vivekanand Camp, Chandra Gupt Marg, New Delhi 110021.
12.	Bapu Dham Quarter	Bapu Dham, San Martin Marg Chanakya Puri, New Delhi 110021.
13.	Shankar Camp	Shankar Camp, Moti Bagh Fly Over, Chanakya Puri, Near Union Bank, New Delhi 110021.
14.	Railway Colony	Railway Colony, Sadhu Samaj Marg, Bapu Dham Chanakya Puri, New Delhi 110021.
15.	Teen Murty	Teen Murti, J J Cluster Opposite To Chanakya Puri Police Station, New Delhi.
16.	Dhobhi Ghat	Dhobi Ghat, South Avenue Naer Sansad Flat New Delhi,110011
17.	BR Camp	BR Camp Race Course Club New Delhi 110003.
18.	Flying Club	Safdar Jung Flying Club, J J Cluster, Near Safdar Jung Madrsa, New Delhi-110003
19.	Safdarjung Flyover	Safdar Jung Flying Club, J J Cluster, Near Safdar Jung Terminal New Delhi-110003
20.	Railway Flying Club	
21.	21-A Janpath	21 Janpath, Behind Le Meridian Hotel, Janpath Road,

		New Delhi 110001.
22.	Chemsford Club	Raisina Road, Near Rail Bhawan, New Delhi-110001.
23.	Sanglimess	Sangli Mess, Near Mandi House, Sangli Apartment, New Delhi-110001.
24.	Princess Park-I & II	Corponics Marg, opposite Patila House Court, Tilak Marg, New Delhi-110001.
25.	NSCI Club	NSCI Complex, Near Pragati Maidan Gate No-7, Purana Qila Raod, New Delhi-110001.

❖ VASANT VIHAR (SUB-DIVISION)

S.NO.	VASANT VIHAR	LOCATION
1.	Mohd. Pur	Behind Of Hayatt Hotel, Bhikaji Kama Palace.
2.	Azad Basti	Near Prabhat Tara NGO.
3.	Adarsh Basti	Near Pili Kothhi
4.	Kumar Basti	Near Peeli Kothi.
5.	Moti Lal Nehru Camp	Near National Family Health Welfare Building, DDA Flats Bus Stop Munirka.
6.	Munirka Village	Near DDA Gurudwara Prateek Market.
7.	Shiva Camp	Near Basant Vihar Petrol Pump.
8.	Shiva Camp-1	Near Basant Vihar Police Station.
9.	Cooli Camp	Near Basant Vihar Depo Opposite Rain Basera.
10.	Bhanwar Singh Camp	Near Basant Vihar Modern School.
11.	Nepali Camp	Front Of Bhanwar Singh Camp.
12.	Basant Village	Near Basant Vihar .
13.	Nehru Ekta Vihar	Front Of Mohan Singh Market.
14.	Tara Chand Colony Kabadi Basti	Surya Convent School, Friday Market
15.	Nala Par A To D Block	Nalapara-Lal Mandir, Nalapar B-Mandir Wala Park, Nalapar C-Dispensary Bal Wadi, Nalapar D-Lal Mandir.
16.	Rang Puri Extn	Old Shiv Mandir
17.	Shanker Camp	Lal Mandir, Hanuman Mandir

18.	Esrail Camp	Barat Ghar(Community Hall)
19.	Masjid Wala Camp	Masjid,Ryan International School
20.	Singhi Basti	DDA Flat,E-2 Block
21.	Kusum Pur A To E Block	Kusumpur A-Blk-Chinmaya School School,B-Blk-Dispensary,Madrasi Mandir,C-Blk-Angan Bari,D-Blk-Ankur Ngo,Dispensary,Public Toilet,E-Blk-Shiv Mandir(Park),Angan Bari.
22.	D/6 Massod Pur	Big Bazar Mall
23.	Hari Jan Basti Masood Pur	Big Bazar Mall
24.	Shamsham Bhumi Rang Puri	Ambedkar Chopal
25.	Kishan Garh	Gowshalla
26.	Arjun Cmap Mahipal Pur	Ram Dev Baba Mandir
27.	Ram Dev Ka Dera	Kholi Wale Baba Ka Mandir
28.	Bss Camp	Mangal Market
29.	Hari Jan Basti Part-1,2	Crown Factory Part-1,Chopal Ambedkar Murti Part-2
30.	Rajokari Village	Panchayti Ghar
31.	Vishwa Karma Colony	SKV Girls School And Shiv Mandir
32.	Holi Chowk	Mata Ka Mandir To Dispensary Near Pond

❖ DELHI CANTT. (SUB-DIVISION)

S.NO.	DELHI CANTT.	LOCATION
1.	J J Cluster Barar Square	KV No-3, Opposite Base Hospital
2.	Loha Mandi Inderpuri Budh Nagar	Near Fire Station Naraina Vihar
3.	Budh Nagar JJ Cluster	Opposite Krishi Kunj
4.	Rajiv Gandhi Camp	C-Block Naraina Vihar Guruidwara
5.	Sanjay Gandhi Camp	Behind Bikaner, Naraina Vihar
6.	Soni Gandhi Camp	Back Side Adjoining Police Station Naraina Vihar
7.	Bihari Colony	Opposite Of Pusa Institute
8.	Dasghara Village	Opposite Of Pusa Institute
9.	Todapur Village Maya Puri 11-12	Opposite Of Pusa Institute

10.	Maya Puri F-143 Jhuggi Nariana Village Adj Clusters	Metal Forjing Bus Stand
11.	CB Naraina Adj Cluster	Mahila Vikas Sansthan
12.	East Sagar Pur	Old Palam Road Near MLA Office
13.	Main Sagar Pur	Old Palam Road Near MLA Office
14.	Indra Park Extn.	Old Palam Road
15.	Jharera Village	Near Sent Martein Senior Secondary Public School
16.	Khajan Basti	Near Delhi Cantt Railway Line
17.	Kirb Place	CHD Depo Kirbi Place
18.	Nangal Raya Padam Basti Purani Nangal	Near Delhi Cantt
19.	Sadar Bazaar	Near DCB Office
20.	Bharam Puri	Near Pankha Road
21.	R R Line	Near Sent Martein Senior Secondary Public School
22.	Sadh Nagar	Near Palam (Circle-37)
23.	Kailash Puri Extn.	Near Indra Park Extn.

* LIST OF HOSPITALS & DISPENSARIES

❖ HOSPITALS

S.NO.	NAME & ADDRESS
1.	RR Hospital, Delhi Cantt, Delhi-110010
2.	Cantonment General Hospital, Delhi Cantt, Delhi-110010
3.	Indian Spinal Injuries Hospital, Opposite Police Station, Sector - C, Vasant Kunj New Delhi-110070
4.	Fortis Ranjan Dhall Hospital, Vasant Kunj, Sector - B, Pocket - 1, Delhi - 110070.
5.	Holy Angels Hospital, Plot-B, Community Center Vasant Vihar, New Delhi-110057
6.	Ram Manohar Lohia Hospital, Baba kharak Singh Marg, Delhi-110001
7.	Lady Harding Medical College, Connaught Place, New Delhi-110001
8.	Charak Palika Hospital, Moti Bagh, New Delhi-110021
9.	Primus Super Specialty Hospital, Chandergupt Mauraya Marg, Chanakya puri, New Delhi-110021
10.	Kalawati Saran Children's Hospital, C- 604, Shaheed Bhagat Singh Marg, Connaught Place, New Delhi, Delhi 110001.
11.	Smt. Sucheta Kriplani Hospital, C- 604, Shaheed Bhagat Singh Marg, Connaught Place, New Delhi, Delhi 110001.

❖ DISPENSARIES

◆ DELHI GOVERNMENT DISPENSARY

SI. No.	NAME OF THE HEALTH FACILITY	FACILITY AT HEALTH CENTRE/DISPENSARY
1	DGD High Court Bhagwandas Road, Delhi High Court, Delhi Contact No: - 23070962 E-mail:- dgdhighcourt@gmail.com	<ol style="list-style-type: none"> 1. Physiotherapy 2. Pathology Lab 3. ENT 4. Eyes & Ortho 5. Ultrasound 6. X- Ray 7. Ayurvedic/Homeopathic 8. ECG 9. Dental 10. General OPD

2	DGD Patiala House Court Patiala House Court Complex, Tilak Marg, New Delhi-110001 Contact No.:- 23384209 E-mail:- dgdpatialahouse@gmail.com	1. ECG 2. General OPD
◆ CGHS DISPENSARIES		
SI. No.	NAME OF THE HEALTH FACILITY	FACILITY AT HEALTH CENTRE/DISPENSARY
1	CGHS Dispensary, Chanakya Puri D-II, 257-259, Vinay Marg, Chanakya Puri, New Delhi-110021 Contact No.:- 24673777 E-mail:- chnpcz.dl@cghs.nic.in	1. General OPD 2. Immunization 3. ANC 4. Family Planning Services 5. RTI/STI Clinic
2	CGHS Dispensary, Gole Market DIZ Area, Sector-II, Uddyan Marg, Gole Market, New Delhi-110001 Contact No: 23743810 E-mail: gmkctcz.fl@cghs.nic.in	-Do-
3	CGHS Dispensary, Kali Bari 76, Kali Bari, Uddyan Marg, New Delhi- 110001 Contact No.:- 23743142 E-mail: - kbmzcz.dl@cghs.nic.in	-Do-
4	CGHS Dispensary North Avenue 31, North Avenue, New Delhi- 110001 Contact No:- 23094420 E-mail:- navncz.dl@cghs.nic.in	-Do-
5	CGHS Dispensary, Pandara Road D-2, 365, Pandara Road, New Delhi-110003 Contact No.:- 233385040 E-mail:- pdrdcz.dl@cghs.nic.in	-Do-
6	CGHS Dispensary, President Estate President Estate, Parliament Street, New Delhi-110002. Contact No: 23094777 E-mail: prescz.dl@cghs.nic.in	-Do-
7	CGHS Dispensary, South Avenue 153, MP Flats, South Avenue, New Delhi- 110011 Contact No- 23013490 E-mail: savncz.dl@cghs.nic.in	-Do-
8	CGHS Dispensary, Telegraph Lane 18-E, Telegraph Lane, New Delhi-110001 Contact No.- 23326601 E-mail: tlgcz.dl@cghs.nic.in	-Do-

9	CGHS Dispensary, Dr. Z H Road CGHS Building, Dr. Z H Road, New Delhi-110003 Contact No.:- 23383724 E-mail:- zhrdcz.dl@cghs.nic.in	-Do-
10	CGHS Dispensary, Lodhi Road-II Block 4-1,3,5,7, Lodhi Road, New Delh-110003 Contact No- 24611442 Idredcz.dl@cghs.nic.in	-Do-
11	CGHS Dispensary, Lodhi Colony Aliganj CGHS Building, Near Lodhi Road, New Delhi-110003 Contact No: 24611538 E-mail:- algjcz.dl@cghs.nic.in	-Do-

◆ ALLOPATHIC DISPENSARIES (NDMC)		
SI. No.	NAME OF THE HEALTH FACILITY	FACILITY AT HEALTH CENTRE/DISPENSARY
1	Allopathic Dispensary (NDMC), Palika Kendra Opp. Jantra Mantar, Parliament street, Palika Kendra, New Delhi - 110001 Contact No - 23368548	<ol style="list-style-type: none"> 1. General OPD 2. Emergency 3. Patient Education (Counseling) 4. Diagnosis and treatment of commonly occurring illnesses. 5. Treatment of minor injuries. 6. Issuing of Essential Medicines. 7. Maternal Immunization 8. Health Education 9. Basic Emergency Medical Care Services. 10. Administration of Injection
2	Allopathic Dispensary (NDMC), Babu Dham Near Barat Ghar, Opp. Zesus & Marry College, Babu Dham, Chanakya Puri, New Delhi-110021 Contact No:- 24101218	-DO-
3	Allopathic Dispensary (NDMC), Baird Lane Baird Lane Poly Clinic, Baird Lane, Shaheed Bhagat Singh Marg, New Delhi-110001 Contact N0-23347603	-DO-

4	Allopathic Dispensary (NDMC), Babar Road 48, Babar Road, New Delhi-110001 Contact No-23739285	-DO-
5	Allopathic Dispensary (NDMC), H. C. Mathur Lane H. C. Mathure Lane, New Delhi-110001 Contact No-23717670	-DO-
6	Allopathic Dispensary(NDMC), Golf Link 213, Golf Link, New Delhi-110003 Contact No:- 24652762	-DO-
7	Allopathic Dispensary (NDMC), Lodhi Road Karbala, Near Palika Kunj, Lodhi Road, New Delhi-110003 Contact No- 24652278	-DO-
8	Allopathic Dispensary (NDMC), Kidwai Nagar Barat Ghar, Ground Floor, Kidwai Nagar East, New Delhi-110023	-DO-
9	Allopathic Dispensary (NDMC), Sarojini Nagar Near post Office, Sarojini Nagar, New Delhi-110023 Contact No-24678905	-DO-
10	Allopathic Dispensary (NDMC), Netaji Nagar Netaji Nagar, New Delhi-110023 Contact No- 24673479	-DO-
11	Allopathic Dispensary (NDMC), Dharam Marg Behind Diplomat Hotel, Kutilya Marg, Chankya Puri, New Delhi-110021 Contact No- 24676587	-DO-
12	Allopathic Dispensary (NDMC), Community Hall Near Community Hall, Panchkuian Road, Mandir Marg, New Delhi-110001 Contact No- 23342957	-DO-

◆ AYURVEDIC DISPENSARIES

SI. No.	NAME OF THE HEALTH FACILITY	FACILITY AT HEALTH CENTRE/DISPENSARY
1	Ayurvedic Dispensary (NDMC), Palika Kendra Opp. Jantra Mantar, Parliament Street, Palika Kendra, New Delhi-110001	General OPD
2	Ayurvedic Dispensary (NDMC), Babu Dham Near Barat Ghar, Opp. Zesus & Marry College, Babu Dham, Chanakya Puri, New Delhi-110021	-DO-

3	Ayurvedic Dispensary (NDMC), Rohini Housing Complex New Delhi	-DO-
4	Ayurvedic Dispensary (NDMC), Mandir Marg, Near Community Hall, Panchkuian Road, Mandir Marg, New Delhi-110001	-DO-
5	Ayurvedic Dispensary (NDMC), Babar Road Babar Road, New Delhi-110001 Contact No- 23739284	-DO-
6	Ayurvedic Dispensary (NDMC), Kidwai Nagar Barat Ghar, Ground Floor, Kidwai Nagar East, New Delhi-110023	-DO-
7	Ayurvedic Dispensary (NDMC), Golf Link 213, Golf Link, New Delhi-110003	-DO-
8	Ayurvedic Dispensary (NDMC), Lodhi Road Karbala, Near Palika Kunj, Lodhi Road, New Delhi-110003	-DO-
9	Ayurvedic Dispensary (NDMC), Sarojini Nagar Near Post Office, Sarojini Nagar, New Delhi-110023 Contact No.- 24678905	-DO-
10	Ayurvedic Dispensary (NDMC), Netaji Nagar Netaji Nagar, New Delhi-110023 Contact No- 24673479	-DO-
11	Ayurvedic Dispensary (NDMC), Moti Bagh Charak Palika Hospital, Behind Diplomat Hotel, Kutilya Marg, Chankya Puri, New Delhi-110021	-DO-

◆ RAILWAYS ALLOPATHIC DISPENSARY IN NEW DELHI DIST

SI. No.	NAME OF THE HEALTH FACILITY	FACILITY AT HEALTH CENTRE/DISPENSARY
1	Railway Dispensary Baroda House K.G. Marg, Baroda House, New Delhi-110001	<ol style="list-style-type: none"> 1. General OPD 2. Emergency 3. Patient Education(Counseling) 4. Diagnosis and treatment of commonly occurring illnesses 5. Treatment of minor injuries

		6. Issuing of Essential Medicines 7. Health Education 8. Basic Emergency Medical Care Services 9. Administration of Injection
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◆ DTC DISPENSARY IN NEW DELHI DISTRICT

SI. No.	NAME OF THE HEALTH FACILITY	FACILITY AT HEALTH CENTRE/DISPENSARY
1	DTC Dispensary, Scindia House K G M, Baroda House, New Delhi-110001	1. General OPD 2. Emergency 3. Patient Education(Counseling) 4. Diagnosis and treatment of commonly occurring illnesses 5. Treatment of minor injuries 6. Issuing of Essential Medicines 7. Health Education 8. Basic Emergency Medical Care Services 9. Administration of Injection

◆ SBI DISPENSARY IN NEW DELHI DISTRICT

SI. No.	NAME OF THE HEALTH FACILITY	FACILITY AT HEALTH CENTRE/DISPENSARY
1	SBI Dispensary Zonal Office, New Delhi 11003	1. General OPD 2. Emergency 3. Patient Education(Counseling) 4. Diagnosis and treatment of commonly occurring illnesses 5. Treatment of minor injuries 6. Issuing of Essential Medicines 7. Health Education 8. Basic Emergency Medical Care Services

		9. Administration of Injection
2	SBI Dispensary, Parliament Street, New Delhi-110001	-DO-
◆ MCD DISPENSARY IN NEW DELHI		
SI. No.	NAME OF THE HEALTH FACILITY	FACILITY AT HEALTH CENTRE/DISPENSARY
1	MCD Dispensary DFS Connaught Place Delhi Fire Service Headquarters, Connaught Place, New Delhi-110001	<ol style="list-style-type: none"> 1. General OPD 2. Emergency 3. Patient Education(Counseling) 4. Diagnosis and treatment of commonly occurring illnesses 5. Treatment of minor injuries 6. Issuing of Essential Medicines 7. Health Education 8. Basic Emergency Medical Care Services 9. Administration of Injection
◆ RBI DISPENSARY IN NEW DELHI DISTRICT		
SI. No.	NAME OF THE HEALTH FACILITY	FACILITY AT HEALTH CENTRE/DISPENSARY
1	RBI Dispensary Sarojini Nagar New Delhi-110023	<ol style="list-style-type: none"> 1. General OPD 2. Emergency 3. Patient Education(Counseling) 4. Diagnosis and treatment of commonly occurring illnesses 5. Treatment of minor injuries 6. Issuing of Essential Medicines 7. Health Education 8. Basic Emergency Medical Care Services 9. Administration of Injection
2	RBI Dispensary, Sansad Marg, Connaught Place, New Delhi-110001	-DO-

3	RBI Dispensary, Parliament Street New Delhi	-DO-
◆ HOMEOPATHIC DISPENSARY IN NEW DELHI DISTRICT		
SI. No.	NAME OF THE HEALTH FACILITY	FACILITY AT HEALTH CENTRE/DISPENSARY
1	Homeopathic Dispensary Palika Kendra Opp. Jantra Mantar, Parliament Street, Palika Kendra, New Delhi-110001	General OPD
2	Homeopathic Dispensary Moti Bagh Contact No-26117879	-Do-
3	Homeopathic Dispensary Babar Road 48, Babar Road, New Delhi-110001	-DO-
4	Homeopathic Dispensary Golf Link 213, Golf Link, New Delhi-110003	-DO-
5	Homeopathic Dispensary Aliganj Lodi Road, New Delhi-110003	-DO-
6	Homeopathic Dispensary Mandir Marg Near Community Hall, Panchkuian Road, Mandir Marg, New Delhi-110001 Contact No- 23342957	-DO-
7	Homeopathic Dispensary Moti Bagh Charak Palika Hospital, Moti Bagh, Delhi-110021	-DO-
8	Homeopathic Dispensary, Kidwai Nagar Barat Ghar, Ground Floor, Kidwai Nagar East, New Delhi-110023 Contact No-24646094	-DO-
9	Homeopathic Dispensary, Babu Dham Near Barat Ghar, Opp. Zesus & Marry Collage, Babu Dham, Chanakya Puri, New Delhi-110021	-DO-
10	Homeopathic Dispensary, Sarojini Nagar Near Post Office, Sarojini Nagar, New Delhi-110023 Contact No- 24678905	-DO-
11	Homeopathic Dispensary, H. C. Mathur Lane H.C. Mathur Lane, New Delhi-110001	-DO-
12	Homeopathic Dispensary, Tuglak Crescent New Delhi	-DO-

◆ MOTHER & CHILD WELFARE CENTRE(NDMC) IN NEW DELHI DISTRICT		
S. No.	NAME OF THE HEALTH FACILITY	FACILITY AT HEALTH CENTRE/DISPENSARY
1	MCW Centre (NDMC) Reading Road Bapu Samaj Sewa Kendra, Panchkuian Road, New Delhi - 110001. Contract No.:- 23743688 E-Mail.:- pkmcweentre@gmail.com	1. Antenatal Care 2. Immunization 3. Family Planning Services 4. Adolescent Health 5. Referral Service
2	MCW Centre(NDMC) Babar Road 48 Babar Road, New Delhi-110001.	-Do-

	Contact No.:- 23324146 E-Mail:- mcwcbabarroad@gmail.com	
3	MCW Centre(NDMC) Kidwai Nagar C-399, Kidwai Nagar East, New Delhi-110023.	-Do-
4	MCW Centre (NDMC) Golf Link Kothi No. 213, NDMC Dispensary Complex, Golf Link, New Delhi-110003. Contact No.:- 24646844 E-Mail,;- mcwcentregolflink@gmail.com	-Do-
5	MCW Centre (NDMC) Dharam Marg Palika Health Complex, Dharam Marg, Chanakyapuri, New Delhi-110021 Contact No.:- 24109144 E-mail:- mcwcchankyapuri@gmail.com	-Do-
6	Shishu Kalyan Kendra, MCW Centre(NDMC) 37, Shaheed Bhagat Singh Marg, New Delhi-110001. Contact No.:- 23365482	-Do-

ANNEXURE- XIII

* LIST OF METRO STATIONS & RAILWAY STATIONS

* METRO STATION

S. NO.	METRO STATIONS
1.	Jhandenwalan (One Side)
2.	R. K. Asharma Marg (One Side)
3.	Rajeev chowk
4.	Barakhambha
5.	Mandi house
6.	Supreme court
7.	Patel chowk
8.	Central secretariat
9.	Udyog Bhawan
10.	Lok Kalyan Marg
11.	Khan Market
12.	Janpath
13.	Shiva Ji metro station
14.	Dhaura Kuan
15.	Delhi Airocity
16.	IGI Airport
17.	INA Metro Station (One Side)
18.	Ghitorni Metro Station
19.	Durgabai Deshmukh (South Campus)
20.	Delhi Cantt. Metro Station
21.	Naraina Vihar
22.	Mayapuri
23.	Bhikaji Cama Place
24.	Sarajini Nagar
25.	Sir Vishweshwaraiah Moti Bagh
26.	Sadar Bazar Cantonment
27.	Terminal -I IGI Airport
28.	Shankar Vihar
29.	Vasant Vihar
30.	Munirka
31.	R. K. Puram

*RAILWAY STATION

S.NO.	RAILWAYS STATION
1.	Delhi cantonment Railway Station
2.	Safdarjung Railway Station
3.	Shahbad Mohammadpur Railway Station
4.	Chanakyapuri Railway Station
5.	Sarajini Nagar Railway Station
6.	Naraina Railway Station
7.	Inderpur Railway Station

ANNEXURE- XIV*** LIST OF POLICE STATIONS**

S.NO.	CHANAKYA PURI SUB DIVISION	DELHI CANTT. SUB DIVISION	VASANT VIHAR SUB DIVISION
1	P.S. Parliament Street	P.S. Delhi Cantt	P.S. Vasant Vihar
2	P.S. Mandir Marg	P.S. Naryana	IGI Airport Terminal-3 Police Station
3	P.S. Chanakya Puri	P.S. Inderpuri	P.S. Sarojini Nagar
4	P.S. Tuglak Road	P.S. Maya Puri	P.S. Vasant Kunj (North)
5	P.S. Connaught Place	P.S. Dwarka South(Bagdola)	P.S. Vasant Kunj (South)
6	P.S. Barakhamba Road	P.S. Shahbad Mohamad Pur	P.S. South Campus
7	P.S. Tilak Marg	P.S. Sagar Pur	P.S. R. K. Puram
8	P.S. North Avenue	P.S. Domestic Airport	P.S. Safdarjung Enclave
9	P.S. South Avenue		

ANNEXURE- XV*** LIST OF FIRE STATIONS**

S.NO.	NAME & ADDRESS
1.	Fire Station, Head Quarter, Connaught Place, New Delhi-110001
3.	Fire Station, Rakab Ganj, New Delhi-110001
4.	Fire Station, Bhikaji Cama Place, New Delhi-110022
5.	Fire Station, Chanakya Puri, New Delhi-110021
6.	Fire station, Rastrapati Bhawan, New Delhi-110004
7.	Fire Station, SPM Marg near Nawalti Cinema Delhi-110006
8.	Fire Station, Safdarjung, New Delhi-110003
9	Fire Station, Mahipal Pur, New Delhi-110037
10.	Fire Station, Naraina, New Delhi-110028
11.	Fire Station, Vasant Vihar, New Delhi-110057
12.	Fire Station, Disaster Management Centre (NDMC), Humayun Road, New Delhi 110003

13.	Fire Station, Shankar Road Rajender Nagar, New Delhi-110060
14.	Fire Station, Road No-201, Sector-6, Dwarka, New Delhi Cantt-110075

ANNEXURE- XVI

* LIST OF NGO'S

S.NO.	ORGANISATION	GRC-SK ADDRESS
1.	Bal Vikas Dhara	Khasra No. 822, Near Friday Market, Surya Convent School, Tara Chand Colony, Mahipal Pur, New Delhi-110041
2.	Bal Vikas Dhara	C/o Raj Kumar, Khasara No. 1127/1130, Rajokari Village near Shani Bazar, New Delhi-110038
3.	Friends of Himalaya- Standalon Center	B-64, Khandelwal Jain Mandir, Opp. Shivaji Stadium, Near Gole Market-110001
4.	Krishna Foundation Extn	Community Center, Bapu Dham, New Delhi-110021
5.	Mahila Vikas Sansthan	CB - 64, A Naraina, Ring Road, New Delhi - 110028
6.	Rawat Extn.	H.No. 71, Gali No.-1, East Sagarpur, Tower Wali Building, New Delhi - 110045
7.	Iskon	Hare Krishna Hills, Sant Nagar, East of Kailash, Delhi-110065

ANNEXURE- XVII

* VULNERABILITY FROM SECURITY POINT OF VIEW:



HIGH VULNERABLE AREAS

S.NO.	NAME	
1	India Gate	✓
2	Parliament	✓
3	President House	✓
4	Vice President House	✓
5	P M House	✓
6	South Block	✓
7	North Block	✓
8	Air Headquarter	✓
9	Army Headquarter, K Kamraj Marg	✓

10	Naval Headquarter,Dalhousi Marg	✓
11	Hyderabad House	✓
12	Vigyan Bhawan	✓
13	Raksha Bhawan	✓
14	Supreme Court	✓
15	High Court	✓
16	Reserve Bank Of India, Sansad Marg	✓
17	USA Embassy, Shanti Path	✓
18	British High Commission, Shanti Path	✓
19	British High Commission, Residence, 2 Rajaji Marg	✓
20	China Embassy , 50-D Shanti Path	✓
21	Israel Embassy, Aurangzeb Road	✓
22	Pak High Commission, 2/50G Shanti Path	✓
23	Pak High Commission, Residence, 8-B Tilak Marg,	✓
24	Russia Embassy, Shanti Path	✓
25	Srilanka High Commission, 27 Kautilya Marg	✓

✓ **MEDIUM VULNERABLE AREAS**

S.NO.	NAME	
1	Hanuman Mandir	✓
2	Birla Mandir	✓
3	Northen Railway Headquarter, Baroda House	✓
4	UPSC Building, Shahjahan Road	✓
5	Rail Bhawan, Rafi Marg	✓
6	Shastri Bhawan	✓
7	Krishi Bhawan	✓
8	Yojna Bhawan	✓
9	Sanchar Bhawan	✓
10	Shram Shakti Bhawan	✓
11	Transport Bhawan	✓
12	Nirman Bhawan	✓

13	Sardar Patel Bhawan	✓
14	Udyog Bhawan	✓
15	Dak Bhawan	✓
16	Jaisalmer House	✓
17	Prasar Bharti Building	✓
18	Nirwachan Sadan	✓
19	National Museum	✓
20	Akbar Bhawan	✓
21	Lok Nayak Bhawan	✓
22	Metro House Bara Khamba Lane	✓
23	Mandi House Metro Station (2 entry gates)	✓
24	Pragati Maidan Metro Station	✓
25	Barakhamba Metro Station (6 entry gates)	✓
26	Rajiv Chowk Metro Station (6 entry gates)	✓
27	R.K. Ashram Metro Station (2 entry gates)	✓
28	Jhandewalan Metro Station (2 entry gates)	✓
29	Patel Chowk Metro Station (3 entry gates)	✓
30	Central Secretariat Metro Station (4 entry gates)	✓
31	Afghan Embassy, 5/50-F, Shanti Path, Chanakya puri	✓
32	Australia High Commission, 1/50 Shanti Path	✓
33	American Centre 24, Kasturba Gandhi Marg	✓
34	Bhutan Embassy Chandra Gupta Marg, Chanakya puri	✓
35	British Council Div., 17 Kasturba Gandhi Marg	✓
36	Canada High Commission, 8 Shanti Path, Chanakya Puri	✓
37	Egyptian Embassy, in front of Akbar Bhawan, Chanakya Puri	✓
38	Iranian Embassy, 5 Barakhamba Road	✓
39	Iraq Ambassador (Res), 21 Prithvi Raj Road	✓
40	Jordan Ambassador (Res), 17 Moti Lal Nehru Marg	✓
41	Kuwait Embassy, 5-A Shanti Path	✓
42	Myanmar Embassy, 3/50 F Shanti Path	✓

43	Russia Cultural Centre, 24 Ferozshah Road	✓
44	Russian Information Centre, 2 Bhagwan Dass Road	✓
45	Russian Trade Centre Rizal Marg, Chanakya Puri	✓
46	Saudi Arabia Ambassador(Res) 16 Tilak Marg	✓
47	Sudan Embassy Plot No.3 Shanti Path	✓
48	Turkey Embassy, N-50 Nyaya Marg	✓
49	Turkey Ambassador (Res),22 Prithviraj Road	✓
50	Qatar Embassy, EP-31-A Chandra Gupta Marg	✓
51	UAE Embassy, EP-12 Chandra Gupta Marg	✓
52	Uzbekistan Embassy, EP-40 Dr. Radha Krishana Marg, Chanakya Puri	✓
53	Regal Cinema Halls	✓
54	PVR Rivoli	✓
55	PVR Piazza	✓
56	Hotel Taj Man Singh	✓
57	Hotel Claridges	✓
58	Hotel Ambassador	✓
59	Hotel Ashoka	✓
60	Hotel Samrat	✓
61	Hotel Taj Palace	✓
62	Hotel Maurya Sheraton	✓
63	Hotel Metropolitan	✓
64	Hotel Intercontinental (Lalit)	✓
65	Hotel Shangrila	✓
66	Hotel Park	✓
67	Hotel Imperial	✓
68	Hotel Le Meridian	✓
69	VSNL Building	✓
70	Palika Kendra NDMC	✓
71	UN office, Lodhi Road	✓

72	Palika Bazar	✓
73	Sanskriti School, San Martin Marg	✓
74	American School, Chander Gupta Marg	✓
75	British School San Martin Marg	✓

✓ **LESS VULNERABLE AREA**

S.NO.	NAME	
1	Ram Manohar Lohia Hospital	✓
2	Lady Harding Hospital	✓
3	Mayur Bhawan, Brakhamba Lane	✓
4	FCI Building, Brakhamba Road	✓
5	Indian Oil Bhawan, Janpath	✓
6	Jeevan Prakash Building, Kasturba Gandhi Marg	✓
7	Jawahar Vyapar Bhawan, Janpath	✓
8	BSNL Building, Janpath	✓
9	Jawahar Bhawan	✓
10	Bank of Baroda Building, Sansad Marg	✓
11	SBI Building, Parliament Street	✓
12	Kidwai Bhawan, Janpath	✓
13	Khurshid Lal Bhawan, Janpath	✓
14	World Trade Centre, Babar Road	✓
15	Gopal Dass Bhawan, Barakhamba Road	✓
16	Kanchanjunga Building, Barakhamba Road	✓
17	Nirmal Tower, Barakhamba Road	✓
18	Akash Deep, Barakhamba Road	✓
19	Statesman Building, Brakhamba Road	✓
20	New Delhi House, Barakhamba Road	✓
21	Birla Tower, Barakhamba Road	✓
22	Naraina Manzil, Barakhamba Road	✓
23	Inder Prakash Building, Barakhamba Road	✓

24	Arunachal Building, Barakhamba Road	✓
25	Vijay Building, Barakhamba Road	✓
26	Hansalaya Building, Barakhamba Road	✓
27	Prakash Deep Building, Barakhamba Road	✓
28	Atma Ram House, Tolstoy Marg	✓
29	Rohit House, Tolstoy Marg	✓
30	Amba Deep Building, Kasturba Gandhi Marg	✓
31	Hindustan Times Building, Kasturba Gandhi Marg	✓
32	Ansal Bhawan, Kasturba Gandhi Marg	✓
33	Antriksh Bhawan, Kasturba Gandhi Marg	✓
34	Kailash Building, Kasturba Gandhi Marg	✓
35	Surya Kiran, Kasturba Gandhi Marg	✓
36	Himalaya House, Kasturba Gandhi Marg	✓
37	Tolstoy House, Tolstoy Marg	✓
38	Mohan Dev Building Tolstoy Marg	✓
39	Vandana Building, Tolstoy Marg	✓
40	Mercantile House, Kasturba Gandhi Marg	✓
41	Chandralok Building, Janpath	✓
42	FICCI Auditorium, Tansen Marg, Mandi House	✓
43	PTI Bhawan	✓
44	Jeevan Barti Building, Sansad Marg	✓
45	DLF Centre, Sansad Marg	✓
46	Thapar House, Janpath Lane	✓
47	PTI Building, Sansad Marg	✓
48	Red Cross Building, Sansad Marg	✓
49	INS Building	✓
50	Meghdoot Bhawan	✓
51	Connaught Place Market	✓
52	Janpath Market	✓
53	Shanker Market	✓

54	Khan Market	✓
55	Gole Market	✓
56	Yaswant Singh Place	✓
57	Pandara Market	✓
58	Bengali Market	✓
59	Modern School, Barakhamba Road, New Delhi	✓
60	Har Court Butler School, Mandir Marg, New Delhi	✓
61	DTEA School Mandir Marg, New Delhi	✓
62	N.P. Boys Sr. Sec. School, Mandir Marg, New Delhi	✓
63	Raisina Bengali School, Mandir Marg, New Delhi	✓
64	Dayanand Model School, Mandir Marg, New Delhi	✓
65	St. Thomas School Mandir Marg, New Delhi	✓
66	N.P. Girls Sr. Sec. School Balmiki Basti, Mandir Marg, N. Delhi	✓
67	Hindu Maharashtra Bhawan Primary School, Mandir Marg, N. Delhi	✓
68	N.P. Bengali Girls Sr. Sec. School near Lal Bahadur Sadan, Bhai Veer Singh Marg, New Delhi	✓
69	St. Columbus School, Ashoka Road, New Delhi	✓
70	Jesus and Mary School Baba Sahib Road, New Delhi	✓
71	Lodhi Garden	✓
72	Central Park, Connaught Place	✓
73	Nehru Park	✓

ANNEXURE- XVIII

* MCD DISASTER MANAGEMENT CENTRE & THEIR RESOURCES

S. NO	LOCATION	PHONE NO.	NODAL OFFICER	TYPE OF EQUIPMENT	QTY.
1	MCD Disaster Management Center at Road No.-29, Baba Ramdev Marg Near MCD Cement Godown, Raghuvir Nagar, New Delhi-58	9811886374 (S K Verma), 23314040	Sh. Anil Sharma (SE-E&M) 9717787777, Sh. Ram Krishan (EE-E&M) 9717788578, Sh. H R Singhal (JE-E&M)- 8527598643	Excavators with Rock Breaker	0
				3D Excavators-Cum-Loader-Cum Rock Breaker	12
				Crow Bars (5' Long)	120
				BD-65 Bull Dozers	0
				Torzen Power Pack Unit with Gas Cutter	10
				Skid Steer Loader (Bob Cat)	6
				Gas Cutter	12
				Sledge Hammer 20 Lbs	85
				Sledge Hammer 12 Lbs	85
				Highly Inflatable Emergency Light	14
				MMV'S	6
				Safety Helmet	600
				Ear Muff	60
				Safety goggles	600
				Gas Respirator	600
Fire extinguisher (1 kg, 5 kg)	24, 24				
Safety Hand Gloves	600				
Safety Dress	600				
Safety gum Boots	600				
2	MCD Disaster	9717750082	Anil Sharma	Diamond Blade Disk Cutter	2

	Management Office, Opposite Mathur Automobile, Okhla Industrial Area, Phase-II, New Delhi	(LOKESH MEENA), 26385027	(SE-E&M)- 9717787777, Sh. K K Meena (EE-E&M) 9717786888	Torzen Power Pack Unit with Gas Cutter	1
			Sh. Raj Anand (AE) 9717787679	Crow Bars (5' Long)	10
			Sh. Lokesh Meena (JE) 9717750082	12 Pound Hammer	5
				Double Sledge Hammer 20 Lbs.	5
				Safety Helmet	60
				Ear Protection	6
				Safety glass	60
				Gas Respirator	60
				Fire extinguisher	5
				Safety Hand Gloves	60
				Safety Dress	60
				Safety gum Boots	60
				3D Excavators-Cum-Loader-Cum Rock Breaker	1
3	MCD Disaster Management Centre, Opp. District Court, Rohini	9350562217 (Jetender Dahiya), 9650798681 (Pankaj Kumar Dangi), 27316057	Sh. Anil Sharma (SE-E&M)- 9717787777, Sh. Ashok Kumar (AE) 9717788656	Diamond Blade Disk Cutter	2
			Sh. A K Bakchhi (EE-E&M) 9717787845	Torzen Power Pack Unit with Gas Cutter	1
			Sh. Ramji Thakur (JE)(KB ZONE) 8527598651	Crow Bars (5' Long)	10
			Sh. Jitender Singh (JE) (Rohini & Narela Zone) 8527598642	12 Pound Hammer	5
			Sh. Yaspal Singh	Double Sledge Hammer 20 Lbs.	5
				Safety Helmet	60
				Ear Protection	6
				Safety glass	60
				Gas Respirator	60
				Fire extinguisher	5
				Safety Hand Gloves	60
				Safety Dress	60

			(JE)(City Zone & Civil Line Zone)	Safety gum Boots	60
			8527598650	3D Excavators-Cum-Loader-Cum Rock Breaker	1
4	MCD Disaster Management Center, Sec.-9, near MCD Primary School, R.K. Puram	Parnav Suhag (JE-E&M)-9717750047, 26193403, 26194728	Sh. K P Sachdeva (SE-E&M)-9717788656, Sh. A K Bakchhi (EE-E&M) 9717787845	Diamond Blade Disk Cutter	2
				Torzen Power Pack Unit with Gas Cutter	1
				Crow Bars (5' Long)	10
				12 Pound Hammer	5
				Double Sledge Hammer 20 Lbs.	5
				Safety Helmet	60
				Ear Protection	6
				Safety glass	60
				Gas Respirator	60
				Fire extinguisher	5
				Safety Hand Gloves	60
				Safety Dress	60
				Safety gum Boots	60
				3D Excavators-Cum-Loader-Cum Rock Breaker	1
5	MCD Disaster Management Office, Malaria Clinic Building complex, Jhandewalan.	9310452962 (Ranbir Khatri), 23544436	Sh. K P Sachdeva (SE-E&M)-9717788656, Sh. A K Bakchhi (EE-E&M) 9717787845	Diamond Blade Disk Cutter	2
				Torzen Power Pack Unit with Gas Cutter	1
				Crow Bars (5' Long)	10
				12 Pound Hammer	5
				Double Sledge Hammer 20 Lbs.	5
				Safety Helmet	60
				Ear Protection	6
				Safety glass	60
				Gas Respirator	60

			(JE) 8527598642 Sh. Yash Pal Singh (JE) 8527598650	Fire extinguisher	5
				Safety Hand Gloves	60
				Safety Dress	60
				Safety gum Boots	60
				3D Excavators-Cum-Loader-Cum Rock Breaker	1
6	MCD Disaster Management Office, near Radhaswami Satsang Ashram and Rajender Place Metro Station, Karol Bagh.	9818182468 (Ramjee Thakur), 25757877	Sh. K P Sachdeva (SE-E&M)- 9717788656, Sh. A K Bakchhi (EE-E&M) 9717787845	Diamond Blade Disk Cutter	2
				Torzen Power Pack Unit with Gas Cutter	1
				Crow Bars (5' Long)	10
			Sh. Ashok Kumar (AE) 9717788141	12 Pound Hammer	5
				Double Sledge Hammer 20 Lbs.	5
				Safety Helmet	60
			Sh. Ramji Thakur (JE) 8527598651	Ear Protection	6
				Safety glass	60
				Gas Respirator	60
			Sh. Jitender Singh (JE) 8527598642	Fire extinguisher	5
				Safety Hand Gloves	60
				Safety Dress	60
			Sh. Yash Pal Singh (JE) 8527598650	Safety gum Boots	60
3D Excavators-Cum-Loader-Cum Rock Breaker	1				
7	MCD Disaster Management Center, Dhansa Stand, Nazafgarh	9717750072 (Hariom), 9990896868 (Sanjay Dahiya), 28011020, 28010877	Sh. N C Sharma (SE-E&M)- 9717788017, Sh. Rahul Sarthak (EE-E&M) 9717788471	Diamond Blade Disk Cutter	2
				Torzen Power Pack Unit with Gas Cutter	1
			Sh. Rajesh Sharma (AE) 9717788471	Crow Bars (5' Long)	10
				12 Pound Hammer	5
				Double Sledge Hammer 20 Lbs.	5
				Safety Helmet	60

			Sh. Ghanshyam Meena (JE) 9650798653	Ear Protection	6		
				Safety glass	60		
				Gas Respirator	60		
				Fire extinguisher	5		
				Safety Hand Gloves	60		
				Safety Dress	60		
				Safety gum Boots	60		
				3D Excavators-Cum-Loader-Cum Rock Breaker	1		
8	MCD Disaster Management Center, Behind Old Hanuman Mandir, Jamuna Bazar.	9717750048 (Rajpal Meena), 9811314719 (Ajit Bhaskaran), 23863211	Sh. K P Sachdeva (SE-E&M)- 9717788656, Sh. A K Bakchhi (EE-E&M) 9717787845	Diamond Blade Disk Cutter	2		
				Torzen Power Pack Unit with Gas Cutter	1		
				Crow Bars (5' Long)	10		
						12 Pound Hammer	5
					Sh. Ashok Kumar (AE) 9717788141	Double Sledge Hammer 20 Lbs.	5
					Sh. Ramji Thakur (JE) 8527598651	Safety Helmet	60
					Sh. Jitender Singh (JE) 8527598642	Ear Protection	6
					Sh. Yash Pal Singh (JE) 8527598650	Safety glass	60
						Gas Respirator	60
						Fire extinguisher	5
						Safety Hand Gloves	60
						Safety Dress	60
						Safety gum Boots	60
			3D Excavators-Cum-Loader-Cum Rock Breaker	1			
9	DDMA, 5 Shamnath Marg, Civil Lines, Delhi-		Sh. K P Sachdeva (SE-E&M)- 9717788656,	Human Life Detector	5		
				Portable Water Mist Fire Fighting System	11		

54;		Sh. A K Bakchhi (EE-E&M) 9717787845	Collapsible Tent (10'X10'X7' Size)	10	
				Heavy Duty Concrete Cutters	10
			Sh. Ashok Kumar (AE) 9717788141 Sh. Ramji Thakur (JE) 8527598651 Sh. Jitender Singh (JE) 8527598642 Sh. Yash Pal Singh (JE) 8527598650	Inflatable Emergency Lighting System	10

ANNEXURE- XIX

RESOURCE INVENTORY

❖ **EOC EQUIPMENTS**

S.NO	NAME OF EQUIPMENT	NO. OF QTY
1	Life Detection Machine	1
2	Screw Driver Kit with Neon Bulb:	1
3	Heads-up Lite 2640	5
4	Everyday Recharge	4
5	Sleeping Bags	4
6	Life Jacket	1
7	Heavy Duty Lite Force Lights	5
8	First Aid Kit	1
9	Vidyut Gloves	4
10	Heavy Duty Gloves	3
11	Hand Gloves	4
12	Pink Color Jackets	5
13	Nose Masks	5
14	Blankets (Cotton)	5
15	Water Canes	2
16	Aluminium Ladder	1
17	Stretcher	1
18	Inflatable Light Tower	1
19	Cutters Edge,Fire Rescue Saws	1

❖ **QRT EQUIPMENTS**

S.NO	NAME OF EQUIPMENT	NO. OF QTY
1	Oxygen Cylinder &Mask	1
2	Protective Helmets	3
3	Folding Stretchen (04 Fold)	1
4	First Aid Kit	2
5	Rope	1
6	Search Light	2
7	Ambu Bag (for adults)	2
8	Ambu Bag (for childrens)	2
9	Hammer	1
10	Shovel	1
11	Integrated Light Bar with Public Address Systems	1
12	Retro Reflective Stickers	As per design approved

❖ EQUIPMENTS OF CIVIL DEFENCE NEW DELHI

S.NO.	EQUIPMENTS	QTY
1	Blanket Red	10
2	Bucket Iron	13
3	Bench Steel Large	2
4	Crow Bar	2
5	Durrie 6' x 3'	10
6	Helmet Green	9
7	Helmet White/Medical	4
8	Light Axe Small	7
9	Pully Single Shieve	1
10	Pully Single Shieve	2
11	Petromax Lamp	2
12	Rope Manila 3"	200
13	Stretcher Wooden	6
14	Shovel	4
15	Stirrup Pump	2
16	Steel Rack Closed Type Big	4
17	Chair Steel w/o Arms	8
18	Almirah Steel Large Size	2
19	Almirah Steel Small	2
20	Steel Rack Small (Side Rack)	3
21	Torch 2 Cell	3
22	Table Steel 3' x 2'	2
23	Table Steel 4' x 2 ^{1/2}	3
24	Chair Steel Folding	4
25	Siren Hand Operated	8
26	Gum Boot	2
27	Extension Ladder 35' Aluminum	1
28	Water Delivery Hose (12-5mm x 8mtr)	1
29	Rope Wire	100
30	Board Wooden	1
31	Desk Wooden for Class Room	9
32	Breathing Apparatus Set	10
33	Fire Stand	1
34	Fire Extinguisher Dry Powder	4
35	Fire Extinguisher Water Type	4

36	Mayur Jug 10 Ltr.	1
37	Black Board Roller	1
38	Slider Stick	4
39	Guide Line 40'x1 ^{1/2}	10
40	Jumping Sheet	2
41	Heat Convector	1
42	First-Aid Box Complete	1
43	P.A. Amplifier with Complete	1
44	Dummy Body (P.U.)	1
45	B.P. Instruments (Mercury Diamond)	1
46	Thermometer Digital	1
47	White Board 5'x3' with 02 Maker	1
48	Computer with complete set	1
49	Stool Steel Non-Folding	1
50	Portable Amplifier with 12 Volt.	1
51	Goose Mike	1
52	PR-12 Wireless Micro Phone with Collar Mike	1
53	Carry Bag	1
54	Battery Changing Lead	1
55	Inter Connecting Lead(RF)	1
56	12 volt. AC/DC Power Supply Adopter	1
57	9 Volt. Battery Duracell	1
58	Lead DC Supply	1
59	Sports Air Gun	1
60	Calculator Casio 12 Digits	1

* **EQUIPMENTS OF DELHI TRANSPORT CORPORATION**

❖ **SHADIPUR DEPOT**

S.NO.	PARTICULARS	QTY
1	Washing plat automatic	1
2	Air Compressor	2
3	Air inflation gauge	6
4	Battery Charger	2
5	Battery Cell Tester	1
6	Battery Trolley	1
7	Hand Trolley	3
8	CNG Leakage Detector	4
9	Bucket Grease Pump	2
10	Barrel Pump	5
11	Bench Wise	2
12	Portable Drill Machine	2
13	Tyre Dismantle Machine	1
14	Tyre Repaire Machine	1
15	D.G. Set	1
16	Spin Riveting Machine	1
17	Hydrolic Lifting Table	1
18	Car Washer Complete 3hp	1
19	Trolley Jack	2
20	Jack (Bottle Type)	10
21	Pop Reveting Machine	2
22	Pnematic Impact Wrench	2
23	Multi Meter	4
24	Hydro Meter	3
25	Spray Painting Machine	2
26	Grinding Machine	2
27	Torque Wrenches Set	4
28	Bore Gauge	1
29	Tyre Stand	2

❖ **MAYAPURI DEPOT**

S.NO.	PARTICULARS	QTY
1	Air Compressor	2
2	Welding Machine	2
3	Car Washer	2
4	Bus Washing Plant	1
5	Tyre Mounting Me	1
6	Wheel Alignment	1
7	Generator Bet	1
8	Fire Extinguisher	4
9	Total No. of Employees	168
10	CNG Gas Compressor Unit	2
11	Air Compressor	2
12	CNG Gas Dispenser	2
13	Gasket	3
14	Fire Extinguisher	19
15	No. of Employees	12
16	D.G. Set	1
17	Total No. of Employees	813

❖ **NARAINA DEPOT**

S. NO.	PARTICULARS	QTY
1	Air Compressor	2
2	Car Washer	1
3	Tyre Inflation Gauge	4
4	Pneumatic H.P. Grease Pump	2
5	Pneumatic L.P. Oil Pump	1
6	Wheel Alignment Gauge	1
7	Bench Vice 8"	2
8	Mobile Engine Lifting Crane	1
9	Bench Drill Machine	1
10	Pedestal Grinder	1
11	Portable Drill Machine	1
12	Bench Grinder	--
13	Pop Riveting Machine	1
14	Gas Welding Set	1
15	Electric Arc Welding Set	1
16	Battery Charger	---
17	Central Lath Machine	1
18	Anvil	---
19	Swage Block	1
20	Vulcanizing Machine	1
21	Machine Creeper	---
22	Brake Drum Turning Lath machine	1
23	Gear Box Jack(Mech)	2
24	Volt Amp. Mater	1
25	Sewing Machine	1
26	Torque Wrench	---
27	Cell Tester	1
28	Tyre Jack	32
29	Spray Painting Gun	1
30	Hand Tachometer	1
31	Hydro Meter	---
32	Effluent Treatment Plant	1
33	Timing Light	1
34	Gas Leakage Detector	1

❖ **BAGHDOLA DWARKA SEC-8 DEPOT**

S.NO.	PARTICULARS	QTY
1	Fire Extinguisher Stand/Sand Buckets	3
2	Oil Drum Stand	2
3	Tyre Stand	3
4	Inspection Trolley	3
5	Gear Box Lifting Scissor Crane	1
6	Engine Lift Crane	1
7	Tyre Puncture Jacks	5
8	Battery Trolley	3

9	Car Washer Jets and its Pump	2
10	Rivet Machine	1
11	CNG Leak Detector	2
12	Air Compressor	2
13	Battery Charger	4
14	Washing Plant Automatic	1
15	Air Inflation Gauge	2
16	Welding Set Arc	2
17	Grease Machine(Pneumatic Pump)	2
18	Oil Pump (Barre Pump)	7
19	Vulcanizing Machine	0
20	Bench Wise	1
21	Drill Machine	3
22	Tyre Dismantle machine	1
23	Vaccum Clearner	1
24	Grinding M/C	1
25	Paint Gun	2
26	Battery Hydrometer	2
27	Generator	1

*** GOC HEADQUARTER DELHI AREA DELHI CANTT.**

1. Disaster Mgt/Rescue & Relief Store (LOC Eqpt):-

SI.NO.	ITEM	REQMT	JUSTIFICATION
(i)	Multipurpose Wk Station	One	Electronic/Optical instrument which combine Theodolite with an electronic distance measuring meter
(ii)	Grnd Penetrating Radar	One	To locate the mov of life in the event of an indl having fallen inside a gorge.
(iii)	Accurate short Range Laser Range Finder - 50m with accuracy of + 15 cm	Two	To ascertain ranges with pin pt accuracy. This will help in recovery of indls, post detection.
(iv)	Vibraphone/ Acoustic Life detection eqpt plus life detection endoscope camera	Two	Vibraphone / Acoustic Life detection eqpt plus life detection endoscope camera
(v)	Heat Sensing Eqpt to detect life from underground / Optical Fiber Svi Device	Two	Heat Sensing Eqpt to detect life from underground/Optical Fiber Svl Device

2. Disaster Mgt/Rescue & Relief Stores (Rescue eqpt):-

SI.NO.	ITEM	REQMT	JUSTIFICATION
(i)	Pneumatic Rock Drillers (Low Capacity)	Two	To enable quick drilling for recovery of live pers inside debris of bldgs.
(ii)	Pneumatic Chipper and Hammers	Two	-DO-

(iii)	Lifting Harness / Blocks & Tackles / Hand Operated Chain and Block	Five Sets	For mov of pers into bore wells and thin shafts
(iv)	Electric earth augers and core cutters	One	For <u>cutting</u> through thick metal to facilitate recovery of live pers from veh/ debris.
(v)	Lt wt strong Nylon ropes - used in mountaineering, carabineer, harness, pulleys etc	Five Sets	For reeling in indl as on reqd basis
(vi)	Portable Compressor	Ten	For moving hy debris so as to allow extrication of live indls.

3. Disaster Mgt/ Rescue & Relief Stores (Misc Eqpt) -

SI. NO.	ITEM	REQMT	JUSTIFICATION
(i)	Portable RO Plants 250 ltr/hr	01	To provide potable water in case of marooned pers in the event of a disaster.
(ii)	Collapsible Ladders	10	
(iii)	Helmets with built in headphones	03	To facilitate reaching a high rise bldg as on reqd basis.
(iv)	Body Bags	100	For preserving the dead bodies before eviction

4. Power Supply Stores:-

SI.NO.	ITEM	REQMT
(i)	Portable Generator Set (2.5 KVA) with accessories	01
(ii)	Electric Cable 2 Core	1 Km

5. Other Eqpts:-

SI NO.	ITEM
Portable Inflatable Emergency lighting system	
(i)	Balloon Shape
(ii)	Made of suitable polyester cloth
(iii)	Waterproof
(iv)	Withstand wind speed of 45 Kms
(v)	1000W High Pressure Bulb/1,00,000 Lumens
(vi)	5 Mtrs above the grnd
(vii)	50 Kgs and 8 hrs running capacity
(viii)	2.5 HP Honda Engine
Portable Fire Pump/High Pressure	
(i)	2.5 HP Honda Engine
(ii)	4 Stroke
(iii)	8075 Kg
(iv)	Useful for foam & fire chemicals
(v)	Can be carried man packed

ANNEXURE- XX*** List of CNG, Petrol and Diesel Pump in New Delhi District****CNG PUMP**

S.NO.	ADDRESS	OWNER NAME	CONTACT NO.
1.	Brar Square, Delhi Cantt, New Delhi-110010	Sqdn. Ldr. Roop Singh	011-25682992
2.	Dwarka, Sector -9, Opp. Appejay Mgmt. Institute, New Delhi-110075	Wg. Cdr P S Luthra	011-55515320
3.	Kapashera, Old Gurgaon Road, New Delhi	Wg Cdr P S Luthra	011- 25061171
4.	Mayapuri, near Junk Yard, Mayapuri, New Delhi	Wg. Cdr P S Dhupia	011- 55150081
5.	Mahipalpur Opp. Ryan Public School, Vasant Kunj, New Delhi	Gp. Capt R N Mehra	011- 55671517
6.	Nelson Mandela, near Grand Hyatt, New Delhi	Co. Trilok Chand Kausal	011- 55286447
7.	R K Puram Sec - III, Outer Ring Road, Opp. Ber Sarai, New Delhi	Lt. Col. Rajan Batra	011- 55644087
8.	R K Puram Sector - XII Near Hyatt Hotel, Ring Road, New Delhi	Lt. Col. S P Sharma	011- 55671207
9.	R K Puram Sec - X near Sangam Theatre, New Delhi	Col. IPS Ahluwalia	011- 26105567 011- 55244323
10.	Rangpuri, NH- 8 Opp Radison Hotel, New Delhi	Lt. Col. Bhagwan Singh Godara	011- 25654752
11.	San Martin, Near JMC College, New Delhi	Lt. Col. A K Sabharwal	011- 26878542
12.	Shanti Path near Moti Bagh Flyover, New Delhi	Flt. Lt. Shrivastava	011- 24106355
13.	Udyan Marg near Birla Mandir, New Delhi	Lt. Col. A K Sabharwal	011- 23369188

PETROL AND DIESEL PUMP

S. No.	Name of Filling Station	Address	Phone No.
1.	Modern Service Station PVT LTD	35, Janpath, Opposite Eastern Court, Bpcl Petrol Pump, Near Thapar House Connaught Place, Delhi - 110001	23368915, 23344431
2.	Pearey LAL & Sons Pvt Ltd Hcp	42, Grd Flr, Pyare LAL Bldg, janpath road, Janpath, besides cafe coffe day, Delhi - 110001	23321301, 23321282, 23321353, 23322181
3.	Chaman LAL C P Sawhney	Ioc Petrol Pump, Block-L, Connaught Place, Nr Odeon Cinema, Delhi - 110001	23353948
4.	Hindustan Petroleum Corporation Ltd	Kailash Bldg, 26, K G Marg, Delhi - 110001	23359344
5.	Anand Filling Station	Baba Kharak Singh Mg, Connaught Place, Opp Gurudwara Bangla Sahib, Delhi - 110001	23746509, 23361873
6.	Bcc Auto Pvt Ltd	N-46, Bpc Petrol Pump, Connaught Place, Connaught Circle, Delhi - 110001	23737372, 23742735, 23365233
7.	Prem Oil Corp	IBP Petrol Pump, Church Rd, Connaught Place, Central Secreteriate, Delhi - 110001	23717739
8.	Indian Oil Corporation Ltd Customer Care	World Trade Centre, 2nd Floor, Babar Road, Barakhamba Lane, Connaught Place, Delhi - 110001	23414266
9.	Rajdhani Service Station	Connaught Place, Below Mayur Bhawan, Behind Super Bazar, Delhi - 110001	23414494, 23414495
10.	Sondhi Motors	C-21, Connaught Place, Bp Petrol Pump, Delhi - 110001	23416306, 23418755, 65304336, 41513130
11.	National Service Station	Connaught Place, Bpc Petrol Pump, H-Blk, Delhi - 110001	23326979, 23736509
12.	Irwin Road Service Station	Baba Kharak Singh Marg, Connaught Place, Between Hanuman Mandir & Bangla Sahib Gurudwara, Delhi - 110001	23744029, 23365086, 23360185
13.	Shankar Automobiles	Bhai Vir Singh Marg, Gol Market, Near St Columbas School, Delhi - 110001	65637888, 23747389
14.	Auto Care Centre	Vijaya Bank, Niti Marg, Pragati Maidan, Near Ashoka Hotel, Delhi- 110001	24877941

15.	Jiwan Service Station	Q-Point 10, Mansingh Rd, Defence Headquarter, Bpc Petrol Pump, Delhi - 110011	23382565, 23073341
16.	Batra Car Care Centre	Humayun Rd, Khan Market, Nr Hpc Petrol Pump, Delhi - 110003	23385546, 23389332, 26383134, 26384771
17.	Gymkhana Service Station	Race Course Rd, Lodhi Road, Opp P M House, Near Race Course, Delhi - 110003	23013737, 23018904, 23013965
18.	Engineers Service Station	Sri Aurobindo Marg, Jor Bagh, Opposite Jor Bagh Fire Station, Adjoining Safdarjung Airport, Delhi - 110003	24611395, 24634646, 24601166
19.	Motorades	Ioc Petrol Pump, Dr Ks Krishnan Rd, Inderpuri, Nr Pusa Institute, Delhi - 110012	25841251, 25841855, 25841860
20.	Masaurhi Service Station	Shanti Path Rd, Chanakya Puri, Diplomatic Encl, Nr Moti Bagh Crossing, Delhi - 110021	26873864, 26873865
21.	Bedi Motors	Kenal Attaturk Marg, Race Course Road, Chanakya Puri, Opposite Pm House, Delhi - 110021	23011332
22.	Bansiwal Service Station	St Martin Marg, Chanakya Puri, Nr Maitri College, Delhi - 110021	24103778
23.	Kumar Service Station	Hpc Petrol Pump, Vinay Marg, Chanakya Puri, Delhi - 110021	24673734, 26886883, 23322995
24.	Yashwant Place Service Station	Chanakya Puri, Africa Avenue Opp Chanakya Cinema, Delhi - 110021	24673141, 26876388, 24122424
25.	R K Service Station	Ioc Petrol Pump, Yashwant Place, Chanakya Puri, Op Chanakya Cinema, Delhi - 110021	26886521, 24671966, 24121100, 24122168
26.	Delhi Tourist Transport Service Station Sarojni Nagar	Sarojini Nagar, Opp Laxmibai Ngr, Delhi - 110023	24670101, 26887799
27.	Khyber Service Station	Ioc Petrol Pump, Ring Rd, Moti Bagh, Delhi - 110021	24677937
28.	Laxmi Super Service	Hpc Petrol Pump, Luxmi Bai Nagar, Sarojini Nagar, Opp Ina Market, Delhi - 11002	24108633, 24677398, 26117686
29.	Om Prakash & Co	Ioc Petrol Pump, Rp Bhawan, Rashtrapati Bhawan, Delhi - 110003	23013122
30.	Ring Road Service Station	A-9-10, Bpc Petrol Pump, Ring Road, Ndse 1, Delhi - 110049	24616204, 45739999

31.	Bhatia Service Station	Ioc Petrol Pump, Ring Road,4-Factory Road,Raj Nagar, Safdarjung Enclave, Near Safdarjung Hospital, Delhi - 110029	26198273
32.	Raj Super Service Station	Ioc Petrol Pump, Moti Bagh, Near Nanak Pura Gurudwara, Delhi - 110021	24677524, 24670509
33.	Capital Oil Agencies	Ring Rd, Sarojini Nagar, Delhi - 110023	24674298
34.	Saran Motors LTD	Bhikaji Cama Place, Hpc Petrol Pump, Delhi - 110066	26101613, 26183710
35.	Highway Service Station	Ring Rd, R K Puram, Opp Hyatt Regency, Delhi - 110022	24672266, 26112342
36.	New United Service Station	Ring Road, RK Puram Sector 13, Opposite Hayatt Regency, Delhi - 110022	24673298, 24672197, 24672414
37.	Global Petro	Ring Road, Bhikaji Cama Place, Delhi - 110066	9810465961
38.	Perfect Fincap India Pvt Ltd	Bhikaji Cama Place, Opp Hyatt Regency Ring Rd, Delhi - 110066	26879112, 26879113
39.	Dhaura Kuan Service Station	Hpc Petrol Pump, Delhi Cantt, Near R & R Hospital, Delhi - 110010	25693303
40.	Car Care	IBP Petrol Pump, R K Puram, Sec-8, Delhi - 110022	26170994, 26102362
41.	Indra Filling Station	HP Petrol Pump, Naraina, Indl Area,PH-II, Delhi - 110028	25891375, 25892589
42.	Sabharwal Service Station	Ioc Petrol Pump, R K Puram, Sec-5, Delhi - 11002	26175440
43.	Safdarjang Service Station	Safdarjang Road, Safdarjung Development Area, Delhi - 110016	23794109, 23011613
44.	Queen Rd Service Station	Outer Ring Rd, Nelson Mandela Mg, Vasant Vihar, Nr Vasant Vihar Bus Depot, Delhi - 110057	26147843, 26146202
45.	V J Service Station/Veejay Service Station	Kalidass Mg, Vasant Vihar, Op Vaishno Devi Mandir, Delhi - 110057	65288293, 23649990, 23645984
46.	BEST Fuel Station	Dhaura Kuan, Delhi - 110010	25699492
47.	Dhaura Kuan S/S	Dhaura Kuan, Nh-8, Southwest, Delhi - 110010	25694080
48.	L Gopinath	Delhi Cantt, Gopinath Bzr,Bpc Petrol Pump, Delhi - 110010	25691833
49.	Ajit Motors	Delhi Cantt, Indian Oil Corporation Limited Petrol Pump, Gopinath Bazar, Delhi - 110010	25693381
50.	Global Super Tech Engineers	M-9, Dewan, Delhi Cantt, Enclave, Delhi - 110010	9810057817

51.	Bedi Saxena Service Station	Main Rd, Mayapuri, PH-I, Indian Oil Petrol Pump, Delhi - 110064	28114054, 41877274, 28116694
52.	Paul Motors	Ioc Petrol Pump,G-8,Hari Nagar, Mayapuri, Maya Puri Indl.area PH-2, Delhi - 110064	25120647, 25495452
53.	Diwan Service Station	Hpc Petrol Pump, Ajay Enclave, Mayapuri, Delhi - 110064	25145727
54.	Ram Murtee Fuels	Vasant Kunj Shopping Mall, Vasant Kunj, Opp The Grand Hotel, Delhi - 110070	9818369369, 9718866866
55.	DB Petro Tech	IGI Airport, Domestic Air Port, Terminal 1-B, Delhi - 110037	9899181991, 9716653547
56.	C N ENT	C-8,Community Centre, Vasant Kunj, Nr Police Station, Delhi - 110070	41767758, 26122211
57.	Govind Sahai Anil Kumar	Ioc Petrol Pump, Mehrauli Mahipalpur Road, Vasant Kunj, Opp.sec.-Bi, Delhi - 110070	26892556, 26895329
58.	Pushpanjali Petrol Pump	Nelson Mandela Mg, Vasant Kunj, Delhi - 110070	64674125
59.	Vasant Auto Service	Bpc Petrol Pump,B-7,Community Centre, Vasant Kunj, Delhi - 110070	26122286
60.	Bahri Goods Carrier Pvt Ltd	Ioc Petrol Pump, Kapashera Border, Mahipalpur, Delhi - 110037	25069223
61.	Sethi Auto Service Station	Ioc Petrol Pump, Mahipalpur, Nh-8, Delhi - 110037	41687672
62.	Fuel Care	Nh-8, Rangpuri, Near Shiv Mandir, Delhi - 110037	41667186, 41667185
63.	Satbir Filling Station	Ioc Petrol Pump, Delhi Jaipur Road, Rangpuri, National Highway-8, Delhi - 110037	25064727, 25064004, 25066222, 25061900
64.	Dilip Service Station	Ioc Petrol Pump, N H-8, Mahipalpur, Rangpuri, Delhi - 110037	9811051456, 9311325490
65.	Indian Oil Corporation Ltd	IGI Airport, Delhi - 110037	25654887, 25652115
66.	Coco Rangpuri	Vijaya Bank, Nh-8, Rangpuri, Opp. Shiv Murthy, Delhi - 110037	9811604978 25654592
67.	Mega Fuels PVT LTD	Kapoor & Co,HP Petroleum Pump, Mahipalpur, Opp D S Office,Kapasheka Border, Delhi - 110037	25063922

ANNEXURE- XXI

* List of Cinema Halls in District New Delhi

S.No.	Name of Cinema Hall	Address	Manager Name and Contact No.
1.	PVR Plaza	Plaza Building, Outer Circle H Block, Connaught Place, New Delhi.	Sh. Siddarth Manager 9999066470
2.	PVR Rivoli	Regal Building, Baba Khadak Singh Marg, Connaught Place, New Delhi.	Sh. Vishal Manager 9891462974
3.	PVR Naraina	Community Center Industrial Area, New Delhi - 110028.	Sh.Rajesh Thapa Manager 9811689823
4.	PVR Sangam	PVR Limited, PVR Sangam Theatre, Complex, R. K. Puram, New Delhi - 110022.	Ms.Neha Singh Manager 9654477609
5.	PVR Priya	61 Community Centre, Basant Lok, Vasant Vihar, Delhi.	Mr. Prateek Sagar Manager 9899127669
6.	PVR Directors cut	Ambience Mall, Nelson Mandela Road, Vasant Kunj, New Delhi.	Mr. Achin Mittal Manager 9910555333
7.	Carnival Cinama	23, Odeon Complex, Connaught Place, Delhi - 110001.	Mr.Sudhir Tiwari Manager 74000870715
8.	PVR Icon	DLF Promenade Mall, 2 nd Floor, Nelson Mandela Marg, Vasant Kunj, Delhi - 110070.	Mr Prashant Suri Manager 8800433467
9.	Chankya PVR	FYYPC Mall Chankyapuri, Yashwant Palace delhi 110021	Ms. Neha Chaturvedi Manager 9888099081

DIRECTORY

****STATE DISASTER HELPLINE NUMBERS (24 X7)****

1077

23839077

****NDMC DISASTER MANAGEMENT CENTRE, HUMAYUN ROAD****

24658101

24656101

24654101

24655207

24616101

24686101

◆ REVENUE DEPARTMENT			
NAME	DESIGNATION	OFFICE ADDRESS	CONTACT NO.
Ms. Monica Priyadarshini	DM (New Delhi)	Office of District Magistrate (New Delhi) 12/1, Jam Nagar House, Shahajahan Road, New Delhi-110011	23386982 23381080 23384621(F) 9899465305
Sh. Babu Lal Meena	ADM (New Delhi)	Office of District Magistrate (New Delhi) 12/1, Jam Nagar House, Shahajahan Road, New Delhi-110011	23071144 9654109084
Sh. Piyush Arun Rohankar	SDM (Delhi cantt.)	Office of District Magistrate (New Delhi) 12/1, Jam Nagar House, Shahajahan Road, New Delhi-110011	23382990 23389685 9599434253
Ms. Geeta Grover	SDM (Chanakya Puri)	Office of District Magistrate (New Delhi) 12/1, Jam Nagar House, Shahajahan Road, New Delhi-110011	23386844 9555040600
Sh. Harshit Jain	SDM (Vasant Vihar)	6th Floor, Palika Bhawan, R.K.Puram, New Delhi-110066	01125065622 01123378009 01123379435(F) 9899932435
Sh. Parmod Kumar	SDM (Head Quarter)	Office of District Magistrate (New Delhi) 12/1, Jam Nagar House, Shahajahan Road, New Delhi-110011	9599963681
Sh.B.L Meena	SDM Election (New Delhi)	Office of District Magistrate (New Delhi) 12/1, Jam Nagar House, Shahajahan Road, New Delhi-110011	09968414870 01123386410
Sh. Naresh Kumar Dabas	Tehsildar (Delhi Cantt.)	Employment Exchange Building, Kirby Palace, New Delhi-110010	25683805 25069185 9311314315
Sh. Daman Deep	Tehsildar (Vasant Vihar)	7th Floor Palika Bhawan, R K Puram, New Delhi-110066	24678058 24676104 25069185 9211999406
Sh. Vishnu Kumar	Tehsildar (Chanakya Puri)	Office of District Magistrate (New Delhi) 12/1, Jam Nagar House, Shahajahan Road, New Delhi-110011	23389549 9810337499
Sh. Subhash Chand	Sub-Registrar-VII INA	Office of SR-VII,Vikas Sadan, INA, New Delhi-110023	24626011 8860935819 9911071215
Sh. Mohinder Kataria	Sub-Registrar - VIA	office of e-SR-VIA, Palika Bhawan, 6th floor, Sector-13, R.K.Puram, New Delhi-110066	24676105 9811690404

Vacant	DPO (New Delhi)	Office of District Magistrate (New Delhi) 12/1, Jam Nagar House, Shahajahan Road, New Delhi-110011	----
Sh.Deepak Pal	PC (New Delhi)	Office of District Magistrate (New Delhi) 12/1, Jam Nagar House, Shahajahan Road, New Delhi-110011	9910497885 23385743
◆ LIST OF POLICE STATION (CHANAKYA PURI)			
NAME	DESIGNATION	OFFICE ADDRESS	CONTACT NO.
Sh. Amrutha Guguloth	DCP New Delhi	Parliament Street Police Station, New Delhi-110001	23747777 23347184(F) 9818099041
Sh. Aalap Patel	DCP (New Delhi Range Traffic)	Main Ashoka Lane, Kautilya Marg New Delhi-110001	20842217 8130099063
Sh. Dinesh Kumar	ACP Parliament Street	Parliament Street Police Station, New Delhi-110001	23361231(Extn.) 23744100 23744100(F) 8750870504
Sh. Ajay Karan	SHO Parliament	Parliament Street Police Station, New Delhi-110001	23361100 23361231(Extn.) 8750870521
Sh. Satender Singh	SHO Mandir Marg	Mandir Marg Police station, New Delhi-110001	23364100 23366730(F) 8750870522
Smt. Subha Nada	ACP Chanakya Puri	Chanakya Puri Police Station, Chanakya puri New Delhi- 110021	23793100 23793100(F) 8750870505
Sh. Sanjeev	SHO Chanakya Puri	Chanakya Puri Police Satation, Chanakya Puri, New Delhi- 110021	23012003(F) 23012003 8750870523
Sh. Yogeshwar Singh	SHO Tuglak Road	Tuglak Road Police Station, New Delhi-110001	23012100 23014878(F) 8750870524
Sh. Vinay Mathur	ACP Connaught Place	Connaught Place Police Station New Delhi-110001	23340006 23417100(F) 23361231(Extn.) 8750870506
Sh. Upender Singh	SHO Connaught Place	Connaught Place Police Station, New Delhi-110001	23747100 23364139(F) 8750870525
Sh. Rajendar Dube	ACP Barakhamba	Barakhamba Road Police station New Delhi-110001	23417100 7011070270 9662003603

Sh. Praveen Kumar Yadav	SHO Barakhamba Road	Barakhamba Road Police station, New Delhi-110001	23413999(F) 23413800 8750870527
Sh. Vikram jeet Singh Virk	SHO Tilak Marg	Tilak Marg, Police Station, New Delhi - 110001	23382100 23385571(F) 8750870526
Sh. Banwari Lal	SHO South Avenue	P S South Avenue, Flat No. 71, South Avenue, Delhi-110011	23013336 23019258(F) 8781780685
Sh. Sahdev Singh Tomar	SHO North Avenue	P S North Avenue, Gate No. 43, Aarti Bhawan, New Delhi-110001	23093294 9873432659
LIST OF POLICE STATION {VASANT VIHAR}			
NAME	DESIGNATION	OFFICE ADDRESS	CONTACT
Smt. Benita Mary Jaiker	DCP South	O/o DCP South Hauz Khas New Delhi-110016	26857726 26858366(F) 9818099047
Sh. Manoj C.	DCP South West(V.V)	1 st Floor, Police Station, Vasant Vihar, New Delhi-110045	26140002 9818099054
Sh. Tanu Sharma	DCP IGOR Airport	P S Terminal - 3, IGI Airport, Delhi - 110037	25656607 9818099048
Sh. Vikaram Harimoham Meena	DCP (Traffic) Southern Range	J.P. Tito Marg, Sadiq Nagar, New Delhi - 110049	26266750 9818099082 26266748(F)
Sh. V.K.P.S Yadav	ACP Safdarjung Enclave	Police Station, Sector-12, R K Puram, New Delhi-110022	26107510 26107273(F) 7065036207
Sh. Devendra kaushik	SHO Sarojini Nagar	Police Station, Near Leela Hotel, Sarojini Nagar, Delhi-110023	24122165(F) 24671281 26882346 7065036230
Sh. Satender Kumar	SHO Safdarjung Enclave	Police Station, Safdarjung Enclave, Delhi-110029	24106347(F) 24106346 24106345 7065036231
Sh. Arpana Shrma	SHO R K Puram	Police Station, Sector-12, R K Puram, New Delhi-110022	26160899(F) 26186963 26185222 7065036222
Sh. Ajab Singh	SHO South Campus	Police Station, South Campus, Sector-12, R K Puram-110022	26177178 26177179(F) 7065036223
Sh. Saveeta Singh	ACP Vasant Vihar	Nelson Mandela Marg, Near DTC Depot., Police Station, Vasat Vihar-110057	26153010 26153010(F) 8750870807 7065036204
Sh. K.P Sang	SHO Vasant Vihar	Police Station, Vasant Vihar, Delhi-110057	26152577(F) 26152699 7065036221

Sh. Niraj Chudhari	SHO Vasant Kunj (South)	Police Station, near DPS School, Vasant Kunj (S), Delhi-110070	26139360 26139361(F) 7065036225
Sh. Suray Parkash	SHO Vasant Kunj (North)	New Police Station Building, Nelson Mandela Road, Munirka Enclave-110067	26892530 26123990(F) 7065036224
Sh. Naresh Yadavs	ACP Vasant Kunj	Police Station, near DPS School, Vasant Kunj (S), Delhi-110070	26134275 26134276 9354218943
Sh. Yaspal	SHO IGI Airport	Police Station, T-3 IGI Airport, Delhi-110037	25652325 25656668(F) 8750871365
LIST OF POLICE STATION {DELHI CANTT.}			
NAME	DESIGNATION	OFFICE ADDRESS	CONTACT NO.
Sh. Shankar Chaudhari	DCP Dwarka	Sector-19. Opp. Dwarka Sector 10 Metro Station Delhi-75	28042990 28042984 9818099048
Smt. Shankar Chaudhari	DCP (Traffic) Western Range	Dev Prakash Shastri Marg, Pusa, Todapur New Delhi, Delhi 110012	25192493 25845625 25193451 25192493 8130099065
Sh. Sunil Kumar	ACP Dwarka	Police Station, Sector- 23, Dwarka-110075	28051587 850871004
Sh. Manish Chandra	DCP Special Cell	Greater Kailash - I, Gaon Zamrudpur, near LSR College, New Delhi - 110048	29230100 24633291 9810610107
Sh. Sanjeev Dodhi	SHO Domestic Airport	Police Station, T-1 Domestic Airport, Palam, Delhi- 110045	25675291 8750871365 9810254890
Sh. Virender Singh	SHO (Dwarka South Baghdola)	Police Station, Dwarka(South), Baghdola Sector-9, Delhi-110075	25089326 8750871063
Sh. R. Shri Niwasan	SHO Dwarka (Sec-23) Shahbad Mohd. Pur	Police Station, Dwarka Sector-23, Delhi-110075	28051584(F) 28051585 8750871021
Smt .Vijay Singh	ACP Naraina	Police Station, Naraina, Delhi-110028	01125893488 8750871104
Sh. Ramesh Srivastva	SHO Naraina	Police Station, Naraina, Delhi-110028	25892040(F) 25892010 25891181 8750871122

Sh. Sandeep Sharma	SHO Inderpuri	Police Station, Inderpuri, Delhi-110012	25832201 25832202(F) 8750871123
Sh. Dalip Kumar	ACP Delhi Cantt.	Police Station, T-5 Building Sadar Bazar, Delhi Cantt., Delhi- 110010	25693161 25694444(F) 8750871104 7065036206
Sh. Domica Turty	SHO Delhi Cantt.	Police Station, T-5 Building Sadar Bazar, Delhi Cantt., Delhi- 110010	25693161 25694444(F) 7065036229 9873378889
Sh. Surender Kumar	ACP Tilak Nagar	Police Station, Tilak Nagar, Delhi-110018	25407901 8750871107
Sh. Ratan Lal	SHO Mayapuri	Police Station, Mayapuri, Delhi-110064	28117644 28116097 8750871121
Sh. Anil Dureja	ACP Dabri	Police Station, Dabri, Delhi-110045	25635178 25639350 8750871005
Sh. Jugindar Singh	SHO Sagarpur	Police Station Sagar Pur, Mangla Puri, Palam-110045	28522652 25035355 7065036228
Sh. K.S.N Supti	ACP Domestic Airport	Police Station, T-1 Domestic Airport, Palam, Delhi- 110045	25675291 8750871363
Sh. Vinod Kumar	SHO Kishan Garh	Police Station Kishan Garh Kutub Industrial Area Near Kutub Hotel	26510075 26510085 26510095 7065036264
Control Room Traffic Police Delhi Police			1095/112 01126140015/25

LIST OF FIRE STATION			
NAME	DESIGNATION	OFFICE ADDRESS	CONTACT NO.
Sh. Atul Garg	Director DFS	Fire Station, HQ Connaught Place New Delhi-110001	23412593(F) 23414000 9810705870
Sh. Rajesh Pawar	Chief Fire Officer	Fire Station, HQ Connaught Place-110001	23414250 9868116052
Sh. Sunil Choudhry	Dy. Chief Fire Officer "Central"	New Delhi Zone Headquarters, DFS Connaught Place, New Delhi-110001	25158083 9811338552
Sh. Rajender Attwal	Divisional Fire Officer (Connaught Place)	Fire Station, HQ Connaught Place New Delhi-110001	23413847 9818481075

Sh.M.K.Chatopudhyay	Divisional Fire Officer, (South)	Fire Station, Bhikaji Cama Place, New Delhi-110022	26103627 26173583 9911303380
Sh. Suman Kumar	Station Officer/ Chanakya Puri	Fire Station, Chanakya Puri, New Delhi-110021	26112226 9718289900
Sh. Mehmood	Assistant Divisional Officer (HQ)	Fire Station, HQ Barakhamba Road opposite Metro Bhawan, New Delhi-110001	23412222 23416614 8294347563
Sh. M K Sharma	Assistant Divisional Officer, Connaught Place	Fire Station, Connaught Place, New Delhi-110001	23416614 9350214530
Sh. Rajesh Sukla	Assistant Divisional Officer, SPM Marg	Fire Station, SPM Marg near Nawalti Cinema Delhi-110006	23975553 9015783448
Sh. Mahmood	Assistant Divisional Officer, Safdarjung	Fire Station, Safdarjung, Sri Aurobindo Marg, Jor Bagh, New Delhi, Delhi 110003	24611111 26445230 8882309288
Sh. Rakesh Kumar	Assistant Divisional Officer, Bhikaji Cama Place	Fire Station, Bhikaji Cama Place, Vivekanand Marg, East Block, Rama Krishna Puram, New Delhi, Delhi 110022	26173583 9868601282
Sh. Shri Rathi	Assistant Divisional Officer, Shankar Road	Fire Station, Shankar Road, Rajender Nagar, New Delhi-110060	28742222 9911646869
Sh.Ravinder	Station Officer Fire Station Rakab Ganj	Gurudwara Rakabganj Road, Pandit Pant Marg Area, Sansad Marg Area, New Delhi, Delhi 110001	23719479 9868517166
Sh. Lokesh	Station Officer Fire Station Naraina	Naraina Industrial Area Phase 1, Naraina, New Delhi, Delhi 110028	011-25798798 9871735231
Sh.Bhupander	Station Officer Hari Nagar Fire Station	Near DDU Hospital, Shaheed Mangal Pandey Marg, Maya Enclave, Hari Nagar, New Delhi, Delhi 110064	9968924748 011- 25141433
Sh.Satpal Bharadwaj	Assistant Divisional Officer, Fire Station Dwarka	Road No. 201, Sector 6, Dwarka, New Delhi, Delhi 110075	9818877655 011- 2808 2565

◆ MEDICAL DEPARTMENT

NAME	DESIGNATION	OFFICE ADDRESS	CONTACT NO.
Dr. Praveen Bala	CDMO	CDMO Office NCT of Delhi Govt. Nangal Raya, Dispensary Building near	28524197 8745011277 9810359820

		Post Office, Delhi-110046	
Dr. Neetu Singhla	ACDMO	CDMO Office NCT of Delhi Govt. Nangal Raya, Dispensary Building near Post Office, Delhi-110046	28524197 9810965560
Dr. Sobhit Gupta	Nodal Officer	CDMO Office NCT of Delhi Govt. Nangal Raya, Dispensary Building near Post Office, Delhi-110046	28524197 9310103963
Dr. Nutan Mehata	Head, Accident & Emergency Department, RML	Ram Manohar Lohia Hospital, Baba Khadak Singh Marg, New Delhi-110001	23404308 23361229 (F) 9250022929
Dr. B. L. Sherwal	Medical Superintendent	Ram Manohar Lohia Hospital, Baba Khadak Singh Marg, New Delhi-110001	9868168400 23404470 23747027 23365081 (F) Med.sup.rmlh@gmail.com
Dr.Nirupam Madaan	Medical Superintendent	JPN Trauma Centre, Ring Rd, Raj Nagar, Safdarjung Enclave, New Delhi, Delhi 110029	26731158 9868397035
Dr. V.K Sharma	Chief Medical Officer/ Incharge A/E & Disaster Management, LHMC	Lady Harding Medical College, Panchkuian Road, Connaught Place, New Delhi-110055	23743649, 23408253/54 23408430 9871285679
Dr.Anupam Prakash (Emergency)	CMO, LHMC	Lady Harding Medical College, Panchkuian Road, Connaught Place, New Delhi-110055	23363728 9868329333
Dr. H. S. Singh	CMO, LHMC	Lady Harding Medical College, Panchkuian Road, Connaught Place, New Delhi-110055	23408430 9899773227
Dr. Anita	Casualty Medical Officer/Control Room/Incharge Casualty, NRCH	Northern Railway Central Hospital, Basant Lane, Connaught Place, New Delhi-110055	23744009 9717630568
Dr. Atul Vaish	Nodal Officer/HOD (Ortho), NRCH	Northern Railway Central Hospital, Basant Lane, Connaught Place, New Delhi-110055	23747986 23343571 (R) 9717630516
Dr. Sanjeev Singhal	Substitute Nodal Officer/ HOD (Surgery), NRCH	Northern Railway Central Hospital, Basant Lane, Connaught Place, New Delhi-110055	32744150 23367693 (R) 9717630538
Dr.Sanjay Joshi	Substitute Nodal Officer/Physician,	Northern Railway Central Hospital, Basant	23747987 23742364

	NRCH	Lane, Connaught Place, New Delhi-110055	9717360539
Dr. Rushama Tandon	Substitute Nodal Officer/Orthopedic, NRCH	Northern Railway Central Hospital, Basant Lane, Connaught Place, New Delhi-110055	23747986 9717630535
Dr. D.S Gunjiyal	Substitute Emergency Incharge (CMO Admin.)	Charak Palika Hospital, Moti Bagh, New Delhi-110021	24675719 26871011 9873395514
Dr. Ramkamal Chaudhari	Medical Superintendent	Primus Super Specialty Hospital, Chandragupta Marg, Chanakya Puri, New Delhi-110021	66206620 Extn. 209 8130238555
Dr. Subrata Gorai	Nodal Officer, Disaster Management Team	Primus Super Specialty Hospital, Chandragupta Marg, Chanakya Puri, New Delhi-110021	66206620 Extn. 603, 9899927903
Dr. Sanjeev Kumar	Substitute Emergency Incharge (CMO)	Primus Super Specialty Hospital, Chandragupta Marg, Chanakya Puri, New Delhi-110021	66206620
Dr. R.K Bhatt	Secretary General	1, Red Cross Road, New Delhi - 110001	9810726472 23716424 23717063 23717454 (F)
Sh. R.K. Kher	DC (Saint John Ambulance Brigade)	1, Red Cross Road, New Delhi - 110001	47594949 23720143 23322237 9312731726
Dr. Arun Gupta	Nodal Officer (Saint John Ambulance Brigade)	1, Red Cross Road, New Delhi -110001	9350130379 23359428 23720143
Sh. R.K. Kher	DC (Saint John Ambulance Brigade)	RZ - 34A, Lane No. - 4, Sagarpur Main, New Delhi-110046	011-23717789 9312731726
Dr. S.V Ariya	Medical Superintendent	VMMC & SAFDARJANG HOSPITAL Ministry of Health & F.W., Govt. of India, NEW DELHI - 110 029	9868169600 01126707282 01126190763 26163072 (F)
Dr. Prem Kumar	Nodal Officer, Disaster Management	VMMC & SAFDARJANG HOSPITAL Ministry of Health & F.W., Govt. of India, NEW DELHI - 110 029	26165060 26194690 9212577407
Important EPABX	-----	VMMC & SAFDARJANG HOSPITAL Ministry of Health &	26165060 26165032 26168336

		F.W., Govt. of India, NEW DELHI - 110 029	
Sh. K. Pritam	Medical Superintendent	Indian Spinal Injuries Centre Sector C, Vasant Kunj, Opp. Vasant Valley School, New Delhi - 110070	42255357 09999604029
Emergency No.	-----	Indian Spinal Injuries Centre Sector C, Vasant Kunj, Opp. Vasant Valley School, New Delhi - 110070	011 42255225 ext. 295 011 42255295 (Direct)
Add-Dr. Ruchi Rana	Medical Superintendent	Fortis Hospital, Sector B Pocket 1, Aruna Asaf Ali Marg, Vasant Kunj, New Delhi-110070	42776222 09667000508
Dr. Vidya Chand	Deputy Medical Superintendent	Fortis Hospital, Sector B, Pocket 1, Aruna Asaf Ali Mag, Vasant Kunj, New Delhi-110070	42776222 9650357189

-----	Nodal Officer	JPN Trauma Centre, Delhi-110029	26731158 26731150 9868397045
Sh. S.P Gupta	Medical Superintendent	Holy Angels Hospital, Vasant Vihar, Delhi-110057	43357700 26155877 26155876 09810054669
Lt. Colonel A.K Jindal	Commandant	Army Hospital Research and Referral, Subroto Park, Delhi Cantt- 110010	23338190 9599207401
Emergency No.		VMMC & Safdarjung Hospital New Delhi-110029	26730000
Emergency No.		JPN Trauma Centre Ring Rd, Raj Nagar, Safdarjung Enclave, New Delhi, Delhi 110029	26731047
Enquiry No.	----	Dr. Ram Manohar Lohia Hospital, New Delhi-110001	011-23365525
Enquiry No.	----	LHMC Hospital ear, Panchkuian Marg, Lady Hardinge Medical College, Shivaji Stadium, Connaught Place, New Delhi, Delhi 110055	011-23363728 011-23408300
Casualty		Charak Palika Hospital, Moti Bagh, New Delhi-110021	011-24679711

NEW DELHI MUNICIPAL COUNCIL

NAME	DESIGNATION	OFFICE ADDRESS	CONTACT
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			NO.
Ms. Ms. Isha Khosla, IAS	Secretary, NDMC	Palika Kendra, Parliament Street, New Delhi-110001	23742451 9899193642
Sh. Parag Kurana Karan Singh	Director, Coordination, NDMC	Palika Kendra, Parliament Street, New Delhi-110001	9757085570
Sh. V K Pandey	Chief Engineer (Electric-I)	Palika Kendra, Parliament Street, New Delhi-110001	23362720 9868951220 9717241333
Sh. Rajeev Jian	Chief Engineer (Elec. II)	17 th Floor, Room No. - 1706, Palika Kendra, Parliament Street, New Delhi-110001	23361649 9717241999
Sh. S K Gupta	Chief Engineer (Civil) Zone - I	15 th Floor, Room No -1506, NDMC, Palika Kendra, New Delhi-110001	23743243 23367671 9818884167
Sh. S K Jha	Chief Engineer (Civil) Zone - II	16 th Floor, Room no. 1601, NDMC, Palika Kendra, New Delhi-110001	23744790 9868477241

Sh. Harkesh Meena	Executive Engineer (Water & Sewerage)	Room No. 231, Shaheed Bhagat Singh Place, Gole Market, New Delhi-110001	23745439 9891903970
Dr. Ramesh Kumar	Medical Officer, Health	Room No. 1002, 10 th Floor, Palika Kendra, Sansad Marg, New Delhi-110001	23742752 7289026000
Sh. Ajay Kumar	Chief Security officer	Ground Floor, Palika Kendra, Sansad Marg, New Delhi-110001	23361191(S) 9999177475
Sh. N.K. Gaur	Fire Officer	Ground Floor, Palika Kendra, Sansad Marg, New Delhi-110001	23366633 9810200650
Sh. Chellaian	Director - I Horticulture	Palika Kendra, Sansad Marg, New Delhi-110001	23744283 9868467803
Sh. Chellaian	Director - II Horticulture	Palika Kendra, Sansad Marg, New Delhi-110001	23366785 9868467803
Control Room (NDMC Fire)	-----	NDMC Disaster Management Centre, Humayun Road, New Delhi-110003	24658101 24656101 24654101 24655207 24648101(O)
Control Room (NDMC)		Palika Kendra, Mandir Marg, New Delhi-110001	49993555 1533

CENTRALIZED ACCIDENT AND TRAUMA SERVICE (CATS)

NAME	DESIGNATION	OFFICE ADDRESS	CONTACT NO.
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Dr. Himanshu Gupta	Project Director	Bela Road, Yamuna Pushta, Near Vijay Ghat, New Delhi-110006	Tel: 23860544 Fax 23860071 9871890501 catsambulance@yahoo.com
Sh. Mangal Sen	Asstt. Administrative Officer Ambulance Operation - I	Bela Road, Yamuna Pushta, Near Vijay Ghat, New Delhi-110006	23860525 23860071(F) 991064121 catsambulance@yahoo.com
Sh. Rakesh Badhwa	Zonal Ambulance Officer -I	Bela Road, Yamuna Pushta, Near Vijay Ghat, New Delhi-110006	9891298900 catsambulance@yahoo.com

SOUTH DELHI MUNICIPAL CORPORATION			
NAME	DESIGNATION	ADDRESS	CONTACT NO.
Sh.Sonal Swaroop (IAS)	Deputy Commissioner South Zone	South Delhi Municipal Corporation, Aurobindo Marg, Green Park N D -110016.	26514368 26863991(F) 9366810424
Sh.Bhupesh Chaudhary (IAS)	Deputy Commissioner (Najafgarh Zone)	Deputy Commissioner, SDMC, Najafgarh Zone, Zonal Building, Najafgarh near Dhansa Stand, New Delhi-110043.	28018818 28011235 28014218(F) 9366810424
Sh.Himanshu Gupta (IAS)	Deputy Commissioner Karol Bagh Zone	North Delhi Municipal Corporation, Desh Bandhu Gupta Road, Opp. Bus Terminal Anand Parbat, Delhi-110005	011-25729723 25754339 25740085(F) 8800696860(Mah avir) (PA)
Sh. Rahul Singh (IAS)	Deputy Commissioner (West Zone)	West Zone,290, Road Number 28 Nehru Nagar Shivaji Place Basai Dharapur Tagore Garden Extn., New Delhi	011-47501986 9643132500
Sh.Ravi Kishan	Superintendent Engineer	Disaster Management Centre, Karol Bagh, Near Cremation Centre, Satnagar, New Delhi - 110003	25757877 9818717479
Sh. J.P. Verma	Nodal Officer	Disaster Management Centre, Karol Bagh, Near Cremation Centre, Satnagar, New Delhi - 110003	9717788322
Sh. Sandeep Sharma	SE(Nodal Officer DM)	Dr. S.P.M. Civic Centre, Minto Rd, SKD Basti, Press Enclave, Ajmeri Gate, New Delhi, Delhi 110002	23314040 9717787986
Sh. Dev Kumar	Executive Engineer	Disaster Management Center R K Puram Near MCD Primary School South Zone, Sector 9, RK Puram, New Delhi, Delhi 110022	26193403 26194728 9717788556
Control Room	South Zone (Najafgarh)	South Delhi Municipal Corporation Najafgarh-Dhansa	011-28011235 011-28018818

		Road, Near Dhansa Bus Stand, Najafgarh, New Delhi, Delhi 110043	011-28013283
Raj Anand Semwal	Nodal Officer	South Delhi Municipal Corporation Najafgarh-Dhansa Road, Near Dhansa Bus Stand, Najafgarh, New Delhi, Delhi 110043	9717787679
Control Room	Head Quarter	South Delhi Municipal Corporation	23220016 23220010 23220006
Control Room	North Zone Karol Bagh	DB Gupta Road, Christian Colony, Block 17B, Dev Nagar Anand Parbat New Delhi -110005	011-25812700 155304

◆ DELHI JAL BOARD

NAME	DESIGNATION	ADDRESS	PHONE
Sh. Rakesh Shahni	S.E. (South)	Water & Sewer Maintenance	29810956 9650261200 Ses.djb@nic.in
Sh. Ramesh Gupta	E.E	DJB	9650591677

Sh.Pram Nath Mishra	J.E	DJB	8800995545
Sh. L.L. Meena	E.E. (South-I)	Water & Sewer Maintenance	29555688 9650291590
Sh. Anil Sharma	SE (South West)	Water & Sewer Maintenance	26714513 9650291103 seswrkpuram@yahoo.com
Sh. N.K. Tomar	S.E.(West)	Water & Sewer Maintenance	25257776 252544844 8800094933 Se.west22@gmail.com
Emergency No.	Water, Sewer and Illegal Boring related Problem	Delhi Jal Board	1916 23538495 23634469 9650291021

◆ FOOD & SUPPLIES DEPARTMENT

NAME	DESIGNATION	OFFICE ADDRESS	CONTACT NO.
Mr.Vinod Kumar	Assistant Commissioner (F&S) (New Delhi District)	M Block, Vikas Bhawan, IP Estate, New Delhi - 110002	23370072 23378127
Mr.Vinod Kumar	A.C. & PIO District New Delhi	M- Block , Vikas Bhawan, I.P. Estate, Delhi-110002	23370072 9891848855
Mr.Jitender	Food & Supply Officer	Delhi Cantt.	25683980, 9911558440

Mr.Pramod Kumar	Additional Charge to FSO C-40	New Delhi	24105627 9818076235
Sh.P.K.Chandran	Food & Supply Officer	R. K. Puram	26171786 9971687665

◆ EDUCATION DEPARTMENT

NAME	DESIGNATION	OFFICE ADDRESS	CONTACT NO.
Smt. Rajni Rawal	Deputy Director Education (Central/New Delhi)	Zone - 26 (New Delhi) Plot no. - 5, Old Bharatiya Mahila College, Jhandewalan, Karol Bagh, Delhi-110005	23615308 23558698
Sh. R.P.Gupta	Director Education	NDMC, Palika Kendra, New Delhi-110001	23360114 Ext.(2714) 9891376427
Dr. Rajbir Singh	Deputy Director Education	Zone-19, C-4 Lane, Vasant Vihar, New `Delhi-110057	26145857(F) 9717399152 Zone19swa@gmail.com

Dr. Sudhakar Gaikwad	Deputy Director Education	Zone -20 , C- 4 Lane, Vasant Vhiar, New Delhi-110057	26152160 9911221724
Smt. Manju Khatri	Assistant Director (Education)	South Delhi Municipal Corporation, Aurobindo Marg, Green Park, New Delhi-110016	26514368 26561528 9717750035
Ms. Nidhi Pandey, IIS	Commissioner	Kendriya Vidyalaya Sangathan, Regional Office, Delhi-110016	011-26512579
Vacant	Assistant Commissioner KVS	Kendriya Vidyalaya Sangathan, Regional Office, Delhi-110016	

◆ CIVIL DEFENCE AND HOME GUARD

NAME	DESIGNATION	OFFICE ADDRESS	CONTACT NO.
Sh.Sanjeev Khirwar	Director/ Controller	Divisional Commissioner, 5, Sham Nath Marg, Delhi - 110054	23962825 23914805
Sh. Rahul Sudan	Senior Staff Officer	Divisional Commissioner, 5, Sham Nath Marg, Delhi - 110054	23937349 23937320
Smt.Trishna chatopudhyay	Junior Staff Officer	Divisional Commissioner, 5, Sham Nath Marg, Delhi - 110054	23937349 23937320 9868151802
Sh. A.K Verma	Senior Instructor	10/11 Jam Nagar House,	23072624

	Civil Defence	Shahjahan Road, New Delhi-110011	9811893217
Sh. Jasbir Singh	Sr. Chief Warden	New Delhi District	9810163433
Dr. M L Gupta	Chief Warden	New Delhi District	9810052126 9862060742
Sh. Laxman Singh	Dy. Chief Warden (HQ)	New Delhi District	9711140079 9999983604
Sh. J.Manish	Dy. Chief Warden	Vasant Vihar	9810939355
Sh. R C Rana	Dy. Chief Warden	Delhi Cantt.	9818313232
Sh. Ranjeet Singh Tanwar	Divisional Warden	Naraina	9873198085
Sh. Stayawan Shila	Divisional Warden	Delhi Cantt	9999657027
Sh.Vijay Kumar Sehgal	Divisional Warden	Mayapuri	9810282294
Sh. Vinod Kumar	Divisional Warden	Sagar Pur	9811560068
Sh. Rajesh Kaura	Divisional Warden	Inderpuri	9868356953
Sh. Pritosh Chuahan	Divisional Warden	Chanakya Puri	8527198517
Sh. Bhupender	Divisional Warden	R.K Puram	9891237762

◆ TELECOMMUNICATION DEPARTMENT			
◆ LANDLINE SERVICES			
NAME	DESIGNATION	OFFICE ADDRESS	CONTACT NO.
Sh. S.K Gupta	General Manager (Central)/MTNL	MTNL, Doorsanchar Sadan, 2 nd Floor, Lobi No.29, CGO Complex, New Delhi-110003	24328808 9868131496
Sh. Raghuvir Singh	Area Manager (Jor Bagh)	Telephone Exchange Building, Jor Bagh, Lodi Road, New Delhi-110003	24643331 24645005 (F) 9868136771
Sh. Satya Narayan	Area Manager (Janpath)	Room - 109, 1st floor, Janpath, Eastern Court, New Delhi - 110001	23320166 9868138007
Sh. C.P Kalyan	Area Manager (Rajpath)	F-114, 1 st Floor, Shastri Bhawan, New Delhi - 110001	23074451 23074444 (F)
Sh. B.k Tiwari	General Manager MTNL(Bhikaji Cama Place)	8, Bhikaji Cama Place, New Delhi - 110066.	26188080 26184131(F) 9868135135
Sh. Omprakash	Area Manager (Bhikaji Cama)	Bhikaji Cama Place, New Delhi - 110066.	26187575 26197575(F)

	Place)		9013133999
Sh. Tilak Chand Katoch	Area Manager (Chanakyapuri)	Chanakya Puri Telephone Exchange, New Delhi - 110021	26885500 26114477(F) 9868134042
Sh. A. K. Singh	General Manager West	Administration Block-M, 5 th Floor, Room No. 510, Rajouri Garden, New Delhi - 110027.	25432213 25416050 25117800(F) 9868138111
Sh. M.P. Aggarwal	Area Manager (Hari Nagar)	Hari Nagar Telephone Exchange Building , 4 th Floor, Hari Nagar, New Delhi 110 064	25147172 25495900(F)
Sh. Raghvendra gupta	General Manager (Central)/MTNL	MTNL, Doorsanchar Sadan, 2 nd Floor, Lobi No.29, CGO Complex, New Delhi-110003	24328808 9868131496
Sh.Bansal	Area Manager (Janak Puri)	Room No. 110, Janakpuri Telephone Exchange Building, New Delhi - 110058	25537272 25545050(F) 9013138899

◆ MOBILE SERVICES

NAME	DESIGNATION	OFFICE ADDRESS	PHONE (O)
Sh.Rajeev Bansal	General Manager (NSS & Wireless) /MTNL	MTNL- 3114, Room No.9, Mahanagar Dur Sanchar Sadan, CGO Complex, Lodhi Road, New Delhi - 110003	24325665 2573015 9868136670
Sh. Arun Marwah	General Manager (BSS) Wireless/MTNL	Room No. 9, Mahanagar Dur Sanchar Sadan, CGO Complex, Lodhi Road, New Delhi - 110003	24325665 9868131660

◆ PUBLIC WORK DEPARTMENT

NAME	DESIGNATION	OFFICE ADDRESS	CONTACT NO.
Sh.Manoj Kumar	Chief Engineer (South - M)	7 th Floor MSO Building, I.P. Estate, New Delhi - 110002	23317405 (23317926) 23326118 23358612(F) 9811064431
Sh. Shailender	Superintending Engineer	B-6, NCC Building Safdarjung Enclave, New Delhi-110029	26160543 26160544 7506137691
Sh. A.K Rajdar	Chief Engineer (East - M)	3 rd Floor, MSO Building, I.P. Estate, New Delhi -110002	23319715 23326960 23329880(F)
Sh. Abhishek Raj	Superintending Engineer Central/New Delhi - M	C.B.M.C. Bhairon Road, T - Junction near Pragati Power Station, New Delhi-110002	23378613 23378614 09650219445
Control Room	----		1800110093 23490323

◆ NATIONAL DISASTER RESCUE FORCE

NAME	DESIGNATION	OFFICE ADDRESS	CONTACT NO.
Sh. Atul Karwal (IPS)	Director General, NDRF	Directorate General , NDRF,6 th Floor, NDCC-II Building, Jai Singh Road, New Delhi-110001	011-23438020 011-23438119 7051001000 011-23438091(F)
Sh. Amrender Kumar Singal (IPS)	Inspector General	Directorate General , NDRF,6 th Floor, NDCC-II Building, Jai Singh Road, New Delhi-110001	011-24363268 9013882417 011-24363261(F)
Control Room	Deputy Commandant, 8th ITBP, NDRF Battalion	Kamla Nehru Nagar, Sector -19, Gaziabad-201002	0120-2766618(U. C. Room)2766013 09412221035 Dy control .1033

◆ DELHI METRO RAIL CORPORATION			
METRO STATION	DESIGNATION	PHONE NO. (O)	CONTACT NO.
R. K. Ashram	Station Manager	7290051677	8800793170 8800793164
Rajiv Chowk	Station Manager	23415849	8800793133 9990357152
Bara Khamba Road	Station Manager	23325269 7290051510	8800793169
Mandi House	Station Manager	23752629 7290051510	8800793168
Supreme Court	Station Manager	64555148 7290051322	8800793167
Patel Chowk	Station Manager	23340923 7290024753	8800793134
Central Secretariat	Station Manager	23070191 23388560	8800793135
Udyog Bhawan	Station Manager	64730291 23388560	8800793136 8800793135
Race Course	Station Manager	23016371 7290024756	8800793137
Khan Market	Station Manager	64643097 7290024756	8800793218 8800793137
Shivaji Stadium	Station Manager	7290038048	8527390342
Dhaura Kuan	Station Manager	7290038058	8527390343
IGI Airport	Station Manager	7290027380	8527390345
Delhi Metro Rail Corporation.	Control Room	24 Hour DMRC Helpline nos.	155370
Sh. Vikas Kumar	General Manager (OP)-I (DMRC)	Race Course Patel Chowk Central Secretariat Mandi House Barakhamba R K Ashram Pragati Maidan	23417910 23415833(F) Extn No.-534774 8130886667
Sh. Rajesh Kumar Dagar	Deputy General Manager (OP)-II (DMRC)	Shivaji Stadium Dhaura Kuan Udyog Bhawan Race Course Khan Market	23417910 23417911 23417912 22563585 (F) Extn No. 110200 9871952386
Director Operation	DMRC	-----	23418304(F) 23417921(F)
Vishweshwaraiah (South Campus)	DMRC	7290091652	9667396684

Durgabhai Deshmukh South Campus	DMRC	7290013409	8448088767
Bhikaji Cama Place	DMRC	7290069412	9667396685
Sarojini Nagar	DMRC	7290069412	9667396686
Delhi Cantt.	DMRC	7290013508	844808166
Delhi Aerocity	DMRC	7290038068	8527390344
INA	DMRC	7290031468	800793139
Janpath	DMRC	23320335	8130862199
Lok Kalyan Marg	DMRC	7290024756	8800793137
Mandi House	DMRC	23752629	8800793168
Delhi Metro Rail Corporation.	Control Room	24 Hour DMRC Helpline nos.	155370
Sh. Rakesh Kumar Roshan	Joint General Manager (OP)-I (DMRC)	Race Course Patel Chowk Central Secretariat Mandi House Barakhamba R K Ashram Pragati Maidan	23417910 23415833(F) Extn No.-534774 8130886667
Sh. Raman Goel	Deputy General Manager (OP)-II (DMRC)	Shivaji Stadium Dhaula Kuan Udyog Bhawan Race Course Khan Market	23417910 23417911 23417912 22563585 (F) Extn No. 110200 9818700484
Director Operation	DMRC		23418304(F) 23417921(F)

◆ DELHI TRANSPORT CORPORATION			
NAME	DESIGNATION	OFFICE ADDRESS	PHONE (O)
Sh. Neeraj	Managing Director	Office at DTC HQ, IP Estate, New Delhi-110002	23379075 43508623 23370236 9560333377 23370877(F)
Sh. V K Gupta	Chief General Manager (Traffic)	Scindia House, Connaught Place, New Delhi -110001	23752764, 23752769 23370236,8744073066
Smt. Durgesh Nandini	Regional Manager, West Region	Office at Mayapuri Depot New Delhi-110064	28113525 8744073028
Sh. Abhishek Jain	Manager	Naraina Depot, New Delhi-110028	25704694 25895850,8744073076
Sh. Ajay Kumar	Manager	Maya Puri Depot, New Delhi-110064	28115458 28113798,8744073077
Sh. D.S. Sharma	Regional Manager	Office at Vasant Vihar Depot, New Delhi-	26152639

		110067	
Sh. Avinash Kumar	Manager	Vasant Vihar Depot, New Delhi-110057	26152573,8744073906
Sh. Prasant Kumar	Manager	Sarojani Nagar Depot,New Delhi- 110023	24122788,8744073139
Central Control Room	DTC	-----	23370209, 23370210, 23370117, 23370422, 23370218 8744073229
Central Complaint Cell	DTC	-----	8744073248, 23370373 23370374.
Help Line	DTC	-----	41400400, 1800118181

◆ ELECTRICITY DEPARTMENT

NAME	DESIGNATION	OFFICE ADDRESS	PHONE (O)	MOBILE NO.
Sh. Naveen Yadav	District Manager, BSES	33KV Grid Opposite Sector - D, Pocket - 01, Andheriya Bagh, Vasant Kunj, New Delhi - 110070	46063791	9350261771
Sh. Sanjay Gangwal	Deputy General Manager BSES	797, Amar Shaheed Babu Ganu Marg, Sector 9, RK Puram, New Delhi, Delhi 110022	26152400	9312666316
Ashish Mengen	Nodal Officer(AM) NDPL	District Office Building, 33KVA Grid, Inder Puri, Behind Pusa Institute, Delhi-110028	18002089124	9650697373

◆ GAIL

NAME	DESIGNATION	OFFICE ADDRESS	PHONE (O)
Mr.Manoj Jain	Chief Managing Director GAIL India Limited	GAIL Bhawan, 16 Bhikaji Cama Place, R K Puram, New Delhi-110066	011-26102077 15101 9810893498
GAIL India Limited	----	GAIL Bhawan, 16 Bhikaji Cama Place, R K Puram, New Delhi-110066	26172580 26182956 26185941(F)
A.K. Shrivastav	Nodal Officer(EDHR)	GAIL Bhawan, 16 Bhikaji Cama Place, R K Puram, New Delhi-110066	9837681961

◆ INDRAPRASTHA GAS LIMITED

NAME	DESIGNATION	ADDRESS	PHONE
Mr. A.K Jana	Managing Director Indraprastha Gas Limited	IGL Bhawan, Plot No. 4, Community Centre, Sector-9, R K Puram, New Delhi - 110022	011-46074607 26171860(F) 26171863(F) 26171921(F)

Sh. Vikram Jaitely	Deputy Manager	Indraprastha Gas Limited	46074811
Dheeraj Tiwari	Nodal Officer (Fire and safety)	IGL Bhawan plot no- 4 R.K. Puram New Delhi-110022	9871289933
Emergency Leakage No.	-----	Indraprastha Gas Limited	1800111817 155216

◆ DELHI DEVELOPMENT AUTHORITY

NAME	DESIGNATION	ADDRESS	PHONE
Sh.A.K Singh	Chief Engineer Civil Circle-1	Vasant Kunj Zone	26490865 9971017003
Sh. Shiv Singh Meena	Superintending Engineer Civil Circle - 1	Vasant Kunj Zone	26184820 9868580197
Sh. Bhupender Kumar	Executive Engineer Civil Circle - 1	Vasant Kunj Zone	26184820 9310502842
Sh. Sandeep Mehta	Chief Engineer Electrical Division - 1	Vasant Kunj Zone	26121724
Sh. N.k. Mittal	Superintending Engineer Electrical Division -6	Vasant Kunj Zone	23378971
Sh.Suresh Dhankar	Executive Engineer Electrical Division - 6	Vasant Kunj Zone	26139532

◆ NATIONAL SECURITY GUARD

NAME	DESIGNATION	ADDRESS	PHONE
SH. M.A Ganapathy IPS (Director General)	National Security Guard	Mehram Nagar near Domestic Airport, Palam, New Delhi - 110037	9582040715 25671527(HQ) 25663199 25663100 25663177(F)

◆ DIAL

NAME	DESIGNATION	ADDRESS	PHONE
Sh. Hrishikishan	Security fire officer, DIAL	IGI, Airport Terminal - III	9650495824 47197181
Sh. Ashok Kumar	DIAL	IGI, Airport Terminal - III	9650914888
Fire Watch Tower	DIAL	IGI, Airport Terminal - III	61233331 8800398533
Police Command Room		IGI, Airport Terminal - III	23490313
AOCC, Airport Service Building, New udaan Bhawan, New Delhi	AOCC		61239100 496392081 61239208

◆ C.I.S.F

NAME	DESIGNATION	ADDRESS	PHONE
Sh.Sachin Badshah (Director Inspector General)	CISF, IGI Airport	----	49652036(O)/ 880499543 25696188(F)/ 61239657 9878407856 Igi-apsu@cisf.gov.in

Control Room	HQ, IGI Airport	29582110 25654348
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◆ C.P.W.D

NAME	DESIGNATION	ADDRESS	PHONE
Mr. Sailendera Sharma	Director General	Central Public work department A Wing room-101 Nirman Bhawan New Delhi-110011	23062556 FAX : 23061884 23061317 EP 2001
Mr. Rishabha Garg	AEE/CPWD New Delhi	Central Public work department A Wing room-101 Nirman Bhawan New Delhi-110011	23062556

◆ DELHI URBAN SHELTER IMPROVEMENT BOARD

NAME	DESIGNATION	ADDRESS	PHONE
Sh. Garima Gupta (IAS)	Chief Executive Officer	DUSIB, Punarwas Bhawan I.P. Estate, New Delhi-110002	23379626, 23814166
Mr. Raj Kumar	AE/CS	DUSIB, Punarwas Bhawan I.P. Estate, New Delhi-110002	9717999302
Mr. Atul Jain	J.E. New Delhi		9560596092

◆ TATA POWER DELHI DISTRIBUTION

NAME	DESIGNATION	ADDRESS	PHONE
Mr. Sudhir kumar	TPDDL Assistant Manager		9650697373
Mousam kumar	TPDDL		9818100333

◆ FLOOD CONTROL (REVENUE)

NAME	DESIGNATION	ADDRESS	PHONE
ECO-6	EAST	9668235938 9650437938	ECO-6
Control Room	Office of Chief Engineer (I and FC) LM Bundh Office Complex Shastri Nagar Delhi-110031	01121210877 Email-ID ceifcd@gmail.com	Control Room
Mr. Pradeep Nayak	Nodal Officer Disaster Management		9958890110 9958890111

◆ NGO'S NEW DELHI DISTRICT

S.NO.	ORGANISATION	GRC-SK ADDRESS	GRC NGO CHIEF FUNCTIONARY
1	Unicef	Unicef House 73 KK Birla Lane Lodhi Estate-110003	011-24690401

2	Bal Vikas Dhara	Khasra No. 822, Near Friday Market, Surya Convent School, Tara Chand Colony, Mahipal Pur, New Delhi-110037	Mr. Devbendra Kumar Baral Mobile No: 9811507172 Fax: 011-26785008 Email Address:- Bvd_childhelp@yahoo.com
3	Bal Vikas Dhara	C/o Raj Kumar, Khasara No. 1127/1130, Rajokari Village near Shani Bazar, New Delhi-110038	Mr. Devbendra Kumar Baral Mobile No: 9811507172 Fax: 011-26785008 Email Address:- Bvd_childhelp@yahoo.com
4	Friends of Himalaya- Standalon Center	B-4/343, Pushtoom Vihar, Vasundhra Enclave New Delhi-110092	Mr. Prem Bhukhandi Mobile No: 09810881284 Fax: 26368650, E-Mail Address:- Friendsofhimalaya@gmail.com
5	Mahila Vikas Sansthan	CB - 64, A Naraina, Ring Road, New Delhi - 110028	Dr. Gyanendra Kumar Mobile No: 9818051836, Fax: 011-25777552, E-Mail Address:- Mvsnewdelhi@gmail.com
6	Rawat Extn.	RZ-222, Shiv Block, Raghu Nagar, New Delhi - 110045	Mr. D S Rawat Mobile No : 9312412055 Fax: 011-25382526, E- Mail Address: Rawatceo@gmail.com
7	Iskon	Hare Krishna Hills, Sant Nagar, East of Kailash, Delhi-110065	011-26235133
8	Ahvaan Trust	E-45B, 4th Floor, Himalaya House, K G Marg, New Delhi 110001	Smt. Seth 9818332339
9	Ahimsa Foundation	21, Skipper House No-9 Pusa Road New Delhi-110005	A.K Jain -9810046108 8447006257
10	Ahimsa	50/8 First Floor, Tolstoy Lane, Janpath-110001	Smt. Charu Das 9871225658
11	ADI Gram Samti	Sector -B, Pocket-1, 1106A, Vasant Kunj-110070	D-1339 Packet 1 Vasant Kunj
12	National Association for the Blind	R K Puram Sector - New Delhi-110022	011-26102944 President Sh.. Dipender Manoja
13	Masoom Zindgi	247 Ekta Vihar Rk Puram Sector -6 New Delhi -110022	9152867742 President Sh.Toni Rana 9250145429(General Sectry) Sh.Narender 8800334523
14	Bal Sahyog	L Block Market Connaught Place Near Kake De Hotel New Delhi 110001	9152895770 President SH. Rewa Nayyar 9810137469 (General Sectry)

			Dr.Gopal Das 9810541185 Excutive Sh.Sidharth Sharma 7087460005
15	Sankalp	39 Munirka Enclave Delhi 110067	9152689996 President Smt. Anupriya 9810203712
16	Parivaratan Special	Bhawani Kunj Vasant Kunj Delhi 110070	9811465968
17	Vidha Sahayata	399 Ekta Vihar Rk Puram Sector -6 New Delhi 110022	91524655721 President Surjeet Kumar