



## **ABSTRACT**

Police – Announcement made by the Hon'ble Chief Minister for the year 2021-2022 – Formation of Drone Police Unit at Greater Chennai Police - Administrative sanction for a sum of Rs.3,60,00,000/- – Orders – Issued.

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### **HOME (MODERN) DEPARTEMENT**

**G.O. (Ms.) No.465**

**Dated 01.11.2021**

பிலவ - ஜப்பசி 15

திருவள்ளூர் ஆண்டு 2052

**Read:**

1. From the Commissioner of Police, Chennai letter Rc.No.MPF-I/23580/2021, dated 16.09.2021.
  2. From the Director General of Police, Tamil Nadu letter Rc.No.8715/MPF-I/2021, dated 05.10.2021.
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### **Order:**

The Hon'ble Chief Minister during the Assembly session in Police Demand No.22 for the year 2021-2022 held on 13.09.2021, among others, has made the following announcement (No:6):-

“சென்னை பெருநகர காவலில் கூட்டமான இடங்களையும், நீண்ட தூர சாலைகளையும் கண்காணிப்பதற்கென ரூபாய் 3 கோடியே 60 இலட்சம் செலவில் நடமாடும் டிரோன் காவல் அலகு ஏற்படுத்தப்படும்”.

2. The Commissioner of Police, Greater Chennai Police in his proposal first read above has stated that the Greater Chennai Police has always been in the forefront in utilizing the latest technologies to tackle crime and ensure safety of the people. In this regard, it has been proposed to establish mobile Drone Unit at vantage Points in the city to aid and assist the field Police Officers in reducing the response time to distress calls to conduct surveillance on VIP routes, crime prone areas, enable rescuing of people stranded in beach areas, in high rise building during fire scenario and in fact the possibilities are endless. Further, three types of Drones have been identified to be deployed in the Mobile Drone Police Unit suggested to be placed initially at Marina Beach adjacent to Gandhi Statue (D-5 Marina PS) or Elliots Beach (J-5 Shastri Nagar PS) or Pandy Bazaar (R-4 S.P.Angady PS). Each mobile Drone Police Unit with 9 drones will be housed in a temporary structure fabricated using container cabins (Approximately 40 feet length and 10 feet height) with ground floor to be used as control room and upper deck for drone operation.

[P.T.O]

3. The Commissioner of Police, Greater Chennai Police has furnished the following types of drones for the proposed formation of Drone Police Unit:-

i) Quick Response Special Payload Drone-(06 Nos.)

Multi-Rotor Drone capable of interchangeable payloads, HD camera with thermal / night vision and live video streaming, Loudspeaker (100 gms) for public announcement, 2 kms continuous flying range, 30 minutes continuous flight time and gross weight – 2.5 kgs.

ii) Long Range Surveillance Drone – (02 Nos.)

A Hybrid Drone (Quadcopter & Wing plane) to make vertical takeoff and landing, 100 minutes of continuous flight time, 30 kms continuous flying range and gross weight – 5 Kgs.

iii) Life Guard Drone – (01 No.)

High powered and heavy lift capable, 15 minutes of continuous flight time, 1 km flying range and Gross weight – 12 Kgs.

(iv) The other features like, optimal zoom camera with Automatic Number Plate Readers (ANPR), Automatic deployment of police personnel, Artificial Intelligence implemented in the Ground Station and a Dedicated Ground Station Units for each drone would also be integrated. The details of estimate cost are furnished as follows:-

Sl. No.	Items	Amount (in Rs.)
1.	With high rise platform, well furnished container office with drone take off and landing pad with all side glass walls and automatic roof, control units, monitors, power backups, furnitures, lights, name boards, landscaping systems, high end servers, connectivity etc.,	60,00,000/-
2.	Quick Response special pay drone 6 Nos., Long range surveillance aircraft drone 2 Nos., Heavy lifting coastal life guard drone 1 No., Total 9 Nos.	3,00,00,000/-
	Total	3,60,00,000/-

4. The Director General of Police, Tamil Nadu in his letter second read above has endorsed the proposal of the Commissioner of Police and has requested the Government to accord necessary administrative and financial sanction for a sum of Rs.3,60,00,000/- towards formation of Drone Police Unit at Greater Chennai Police.

5. After careful examination, the Government have decided to accept the proposal of the Director General of Police, Tamil Nadu and accord administrative sanction for a sum of Rs.3,60,00,000/- (Rupees Three Crore and Sixty Lakh Only) towards formation of Drone Police Unit at Greater Chennai Police. The Director General of Police is directed to send necessary proposals to Government for accordingly financial sanction with detailed estimates after finalization of purchase procedure.

6. The Director General of Police, Tamil Nadu is directed to associate with the faculty in Madras Institute of Technology who have worked on UAVs (Unmanned Aerial Vehicles) in the Department of Aeronautics for the Technical specifications.

7. This order issues with the concurrence of Finance Department vide its U.O. No.46763/Home-I/2021, dated 29.10.2021.

**(BY ORDER OF THE GOVERNOR)**

**S.K.PRABAKAR  
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT**

To

The Director General of Police, Tamil Nadu, Chennai-4.

The Principal Accountant General, Chennai-18.

The Principal Accountant General (Audit), Chennai-18.

The Pay and Accounts Officer (East), Chennai-5.

The Pay and Accounts Officer (South), Chennai-35.

Copy to:

Office of the Hon'ble Chief Minister, Chennai-09.

The Finance (Home-I/BG-I/BG-II) Department, Chennai-9.

Stock File/Spare Copy.

**// Forwarded By Order //**

*S. K. Prabakar*  
01/11/2021  
**SECTION OFFICER**

