



ABSTRACT

Forests – Announcement – To carry out the works for switching over of two way radio communication from analog to digital in four Districts – Sanction of a sum of Rs.316.00 lakh during the year 2019 - 2020 – Orders - Issued.

Environment and Forests (FR.11) Department

G.O. (Ms.) No.145

Dated : 24.12.2019

விகாரி, மார்கழி - 8

திருவள்ளூர் ஆண்டு - 2050

Read:

1. G.O. (Ms.) No.143, Environment and Forests (FR.11) Department, dated 13.10.2018.
2. From the Principal Chief Conservator of Forests Letter No.J2/9149/2019, dated 07.03.2019 and 13.09.2019.

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ORDER :

In the Government Order 1st read above, the Government have accorded administrative sanction for a sum of Rs.5.00 crore to implement the scheme of switching over of Wireless Communication from Analog to Digital in Forest Department.

2. In the letter 2nd read above, the Principal Chief Conservator of Forests has stated that the Forest Survey of India (FSI) has initiated "Near Real Time Monitoring" of forest fires in collaboration with National Remote Sensing Centre (NRSC). The processing and dissemination of active forest fire locations generated in KML file format to State Forest Departments involves a time period of 2 hours. After GIS analysis, the fire spots, upto beat level are collected and sent to registered users through E-mail and SMS during fire season. The dissemination of information on forest fire should be uninterrupted, instantaneous. In remote forest areas where mobile network is not well established, wireless network being the mainstay of communication, it is of paramount importance to ensure that wireless communication network is fully functional. Therefore, the existing wireless network in forest department needs to be strengthened and upgraded.

(P.T.O)

3. The Principal Chief Conservator of Forests has further stated that initially the following three Forest Divisions are covered in the first stage during 2018-2019 :-

1. Mudumalai Tiger Reserve
2. Sathyamangalam Tiger Reserve
3. Gudalur Division of Nilgiris District

These three divisions were selected based on their earlier reconnaissance survey on VHF Network coverage in analog mode and to get firsthand experience on full handheld coverage of digital wireless network in hilly terrains and thick forests. Based on the initial demo and experience in the above three divisions, few more divisions will be covered in the allotment pertaining to the year 2018-2019. In continuation of the above upgradation, he has proposed the following 7 districts by splitting sensitive district into two years phase as follows :-

First Phase : 2019 - 2020

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|----------------------------|---|--|
| 1. Dharmapuri District | - | 1. Dharmapuri Forest Division |
| 2. Ramanathapuram District | - | 2. Gulf of Mannar Marine National Park |
| 3. Nagapattinam District | - | 3. Nagapattinam Forest Division & Wildlife Sanctuary |
| 4. Theni District | - | 4. Theni Forest Division |
| | | 5. Megamalai Wildlife Sanctuary |

Second Phase - 2020 - 2021

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|-----------------------------|---|-------------------------------------|
| 1. Vellore District | - | 1. Vellore Forest Division |
| | | 2. Thiruppathur Division |
| 2. Thiruvannamalai District | - | 3. Thiruvannamalai Division |
| | | 4. Krishnagiri Forest Division |
| 3. Krishnagiri District | - | 5. North Cauvery Wildlife Sanctuary |

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The tentative budget requirement for switching over from analog to digital VHF is estimated as Rs.79.00 lakh per district and details are tabulated below :-

Initial Cost per District (2019-2020)

Sl. No.	Details	Number of equipments required	Unit Cost (Rs. in lakh)	Total Requirement (Rs. in lakh)
1.	Static VHF Radios with all accessories, Power Supply and antenna etc.	15 Nos.	0.60	9.00
2.	Mobile VHF Radios with all standard accessories	15 Nos.	0.45	6.75
3.	Handheld Digital DMR Transceivers	60 Nos.	0.35	21.00
4.	Digital Repeaters with standard accessories, antenna, micro wave tower including tower erection	3 Nos.	8.00	24.00
5.	WPC Charges - Spectrum Charges and licence fees	LS		4.50
6.	Installation, training and other unforeseen expenses	LS		5.00
7.	Engaging technical persons to handle the network round the clock	3 persons per day for 12 months		8.75
	Total Cost			79.00

The total budget requirement for covering 7 districts in 10 Forest and Wildlife divisions in two phases are tabulated below :-

Sl. No.	Phases & Year	Total amount (Rs. in lakh)
1.	Phase-1 (4 Districts covering 5 Forest Divisions) in 2019-2020 (Rs.79.00 lakh X 4 Districts)	316.00
2.	Phase-2 (3 Districts covering 5 Forest Divisions) in 2020-2021 (Rs.79.00 lakh X 3 Districts)	237.00
	Total	553.00

4. The Principal Chief Conservator of Forests has, therefore, requested to sanction a sum of Rs.5.53 crore for switching over of two way Radio Communication from Analog to digital in 10 sensitive Forest / Wildlife Divisions in Tamil Nadu Forest Department for implementation in the interest of forest and wildlife protection during 2019-2020 and 2020-2021.

5. The Government after careful consideration accept the proposal of the Principal Chief Conservator of Forests and accord administrative sanction for a sum of Rs.5.53 crore (Rupees Five crore fifty three lakh only) for switching over of two way Radio Communication from Analog to digital in 10 sensitive Forest/Wildlife Divisions in two phases as mentioned in para 3 above during 2019-2020 and 2020-2021 and to release an amount of Rs.316.00 lakh (Rupees Three crore and sixteen lakh only) to carry out the works during the year 2019-2020 in four districts (first phase) and Rs.237.00 lakh for 2020-2021 in 3 districts (second phase).

6. The expenditure sanctioned in para 5 above shall be debited to the following head of account :-

2406 - Forestry and Wildlife - 01 - Forestry - 070 - Communication and Buildings - State's Expenditure - JH - Switching over wireless communication from Analog to Digital.	
319 - Machinery and Equipments - 01 - Purchase (Old DPC : 2406-01-070-JH-1915) (IFHRMS DPC : 2406-01-070-JH-31901)	Rs.281.00 lakh
333-Payments for Professional and Special Services - 04 - Contract Payment (Old DPC : 2406-01-070-JH-3342) (IFHRMS DPC : 2406-01-070-JH-33304)	Rs.35.00 lakh
Total	Rs.316.00 lakh

7. The expenditure sanctioned in para 5 above shall constitute an item of "New Service" and the approval of the Legislature shall be obtained in due course of time by an inclusion in the Supplementary Estimates for the year 2019-20. Pending approval of the Legislature, the expenditure shall initially be met by drawal of an advance from the Contingency Fund. Orders regarding this will be issued by the Finance (BG.I) Department separately. The Principal Chief Conservator of Forests shall apply to the Government in Finance (BG.I) Department in prescribed format along with a copy of this

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order for sanction of an advance from the Contingency Fund. The Principal Chief Conservator of Forests shall also send necessary draft explanatory notes for inclusion of the expenditure in the Supplementary Estimates for the year 2019-2020, without fail.

8. This order issues with the concurrence of Finance Department vide its U.O. No.62037/Finance (AHD&F)/2019, dated 16.12.2019 and Additional Sanction Ledger Number.2502 (Two thousand five hundred and two).

(BY ORDER OF THE GOVERNOR)

SHAMBHU KALLOLIKAR
PRINCIPAL SECRETARY TO GOVERNMENT

To

The Principal Chief Conservator of Forests,
(Head of Department), Chennai-15.

The Principal Accountant General, Chennai-18.

The Accountant General (A&E), Chennai-18.

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

Copy to :

Office of the Hon'ble Chief Minister,
Chennai-9.

The Senior Personal Assistant to Hon'ble Deputy Chief Minister,
Chennai-9.

The Senior Personal Assistant to Hon'ble Minister (Forests), Chennai-9.

The Private Secretary to Principal Secretary to Government,
Environment and Forests Department,
Secretariat, Chennai-9.

Finance (AHD&F (BG-I/BG-II) Department,
Secretariat, Chennai-9.

SF/SC.

// FORWARDED BY ORDER //


SECTION OFFICER


29/12/2019

24/12/2019