GOVERNMENT OF INDIA
MINISTRY OF HOUSING AND URBAN AFFAIRS

LOK SABHA
UNSTARRED QUESTION NO. 2705
TO BE ANSWERED ON MARCH 16, 2023

OBJECTIVES OF IC4

NO. 2705.   SHRI HIBI EDEN:

Will the Minister of HOUSING AND URBAN AFFAIRS be pleased to state:

(a)   whether it is a fact that the Integrated Command, Control & Communication Centre (IC4) is working as the brain for city operation since its inception, if so, the details thereof and if not, the reasons therefor;

(b)   whether it also provides insights to derive intelligence for improved planning and policy-making, if so, the details thereof and if not, the reasons therefor;

(c)   whether IC4 is helping to aggregate information across multiple applications and sensors deployed across the city, if so, the details thereof and if not, the reasons therefor;

(d)   whether officials at Cochin Smart Mission Limited (CSML) are awaiting data or inputs from Kochi Corporation, Kerala State Electricity Board (KSEB), Kerala Water Authority (KWA), Kerala State Pollution Control Board (PCB), motor vehicles department, town planning, disaster management etc., if so, the details thereof and if not, the reasons therefor; and

(e)   the objectives of IC4 which have been fulfilled and which are not yet achieved including expenses under various heads from its inception?

ANSWER

THE MINISTER OF STATE IN THE
MINISTRY OF HOUSING AND URBAN AFFAIRS
(SHRI KAUSHAL KISHORE)

(a) to (e): Government of India launched the Smart Cities Mission (SCM) on 25 June 2015. 100 Smart cities have been selected through 4 rounds of competition from January 2016 to June 2018. Integrated Command and Control Centres (ICCCs), also known as Integrated Command, Control & Communication Centre (IC4) in Kochi, are playing important role in ensuring better monitoring and efficiency in areas like traffic management, solid waste management, water distribution management and so on. Smart Cities have also effectively used ICCCs and related Smart infrastructure for better management of the COVID pandemic. The ICCCs work as the brain and nervous system for city operations by bringing convergence between city operations with digital technology acting as connecting bridge. IC4 established by Cochin Smart Mission Limited (CSML) captures and aggregates information from multiple applications, Internet of things (IoT) sensors and devices deployed across the City. It acts as a centralized center to monitor, coordinate, aggregate information, manage and report on all functions of the city administration. Data from various Smart utilities are generating cross-sectoral intelligence and useful insights for enhanced planning and decision-making on a real-time basis.

CSML have informed that they have already received certain data from multiple departments however, for meeting the various requirements additional data-sets are required which is being collected from concerned departments. CSML have further informed that major objectives have been achieved with regard to the functionalities operational at their IC4. However, the complete achievement of the objectives of IC4 would happen over the period of time. The expenses under various heads incurred by CSML are given as Annexure-I.

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Annexure-I in reply to parts (a) to (e) of Lok Sabha Unstarred Question No. 2705 for answer on 16.03.2023 regarding Objectives of IC4 asked by Shri Hibi Eden, Hon'ble MP.

Expenses related to IC4 of CSML under various heads

(Amount ₹ in crore)

Capital Expenditure-CAPEX		
Particulars	**Contract Value(Without Taxes)**	**Billed/Paid (Without Taxes)**
Procurement and Implementation of Commercially Off the Shelf (COTS) Integrated Command Control and Communication Center applications as per the Compliance Matrix detailed in the RFP along with requisite licenses of all software components of the platform as per scope of work- technical specifications and connected annexure including warranty of five years (including GIS, mobile app, Project Management System and mail server, Citizen portal, application for Solid waste Management etc.). It also includes all the connected accessories, equipment, software and services.	10.92	10.72
Implementation and Integration of services for the application software including Aadhaar, Akshaya centers for delivery of services as per scope of work described in technical specifications and connected annexures.	10.16	4.17
Design and build City Command center (including Connected works) as per scope of work described in technical specifications and connected annexures.	5.79	5.10
Training and capacity building as per scope of work described in technical specifications and connected annexures.	0.46	0.18
Total CAPEX	**27.33**	**20.17**
Operations and Maintenance (OPEX)		
Particulars	**Contract Value (Without Tax)**	**Billed/Paid (Without Tax)**
Cloud hosting for the duration of contract as per scope of work described in technical specifications and connected annexure per month for 60 months.	4.76	1.43
Application maintenance, helpdesk, manpower for operations and maintenance as per scope of work described in technical specifications per month for 60 months.	13.83	2.99
Software Annual Technical Support and subscription as percentage of the cost applicable after five years also (as per scope of work- technical specifications and connected annexures)/year - 5 Years.	3.53	0.69
Component of Capex to be paid quarterly over 20 quarters.	4.92	0.58
Bandwidth for connectivity (will be paid directly to telco) by CSML, per year for 16 Mbps./per year for 5 Years.	0.30	0.11
Total OPEX	**27.34**	**5.80**
Total: CAPEX + OPEX	**54.67**	**25.99**

(Source: Cochin Smart Mission Limited)