



Smart City Thiruvananthapuram Limited
4th Floor, Felicity Square,
Opp. AG's Office, MG Road, Near Statue,
Thiruvananthapuram – 695 001, India
E-mail: info@smartcitytvm.in
Website: <http://smartcitytvm.in/>
NOTICE INVITING TENDER (NIT)

NIT No. SCTL/PRJ/236/2022/IT/01A

Issued Date: 27/01/2022

Smart City Thiruvananthapuram Limited (SCTL) invites bids from **Accredited Agencies of Govt. of Kerala as per Go no77/2019/FIN of finance department** for Integrated command and control building at Thiruvananthapuram corporation under the Smart Cities Mission Program of Government of India as per details given below:

S.No.	Particulars	Details
	Name of Work	Integrated command and control building at Thiruvananthapuram corporation
	Location of Work	Thiruvananthapuram ABD Area
	Brief description of Work	<p>The Command-and-Control Center shall be designed in a new block as well as the interior of the old block. The new extension block in the ground floor shall house the CCC reception, Locker rooms, washrooms, dining, pantry and common movement spaces. It shall occupy an area of 236.62 sqm of plinth area and 202.17 sqm of carpet area. The first floor shall house the Video wall room, War room, help desk and common movement spaces, Work area, meeting rooms, conference rooms, planning section, Server room, UPS room, NOC room, VIP entry and Ladies' and Gents' toilets. The total area of the first floor is 533.51 sqm of Plinth Area and 452.84 sqm of carpet area. The total space selected for the design is of area 770.13 sqm of plinth area and 655.01 sqm of carpet area. A basement of area 70 sqm has been provided for the Fire-fighting pump room. The terrace will only have the stair headroom of area 17.62 sqm. The total facility will have an area of 858.45 sqm.</p>
	Duration of Completion of Work	9 months

	Estimated Cost of Work	Rs. 1,77,05,000/-
	Bid Validity period	180 days form the due date for submission of tenders (or such extended date).
	Mode of selection	Tender Open for Accredited Agencies of Govt. of Kerala as per Go no77/2019/FIN of finance department; on percentage rate basis. Lowest Quoting Bidder (L1 bidder) to be selected.

S.No.	Particulars	Details
	documents to be downloaded from (Date)	27/01/2022; 10 30 Hrs IST
	Publishing Date	25/01/2022; 10 30 Hrs IST
	Submission End Date	10/02/2022; 16 30 Hrs IST
	Declaration of Results of Technical Evaluation on website	To be intimated later
	Date & Time of Opening Price Bid	To be intimated later to technically shortlisted bidders
	Issue of LoA to the Selected Bidder (Contractor)	To be intimated later
	Websites for Tender Download and address for tender submission	https://smartcityvm.in/ Address for Tender Submission Chief Executive Officer Smart City Thiruvananthapuram Limited 4th Floor, Felicity Square, Opp. AG's Office, MG Road, Near Statue, Thiruvananthapuram – 695 001, India General manager- 9846010506 Manager(PMM)- 9447778672

Submission Guidelines

1. Bid documents can be downloaded free of cost from the Website <https://smartcitytvm.in/tenders>. Offers are to be submitted **in physical copies** and in the designated cover(s)/ envelope(s) on the designated website.
2. More details can be had from the office of the 'Smart City Thiruvananthapuram Limited' during working hours 10 am to 5 pm IST. All other existing conditions related to bidding in force in the Kerala Public Works Department will be applicable in this tender.
3. The Smart City Thiruvananthapuram Limited reserves the right to accept or reject any or all tenders without assigning any reason thereof.

Signature and seal of Authority

For and on behalf of

Chief Executive Officer,

Smart City Thiruvananthapuram Limited

SCOPE OF WORK- COMMAND AND CONTROL CENTER

1 Background and smart city scope

The Strategic Pillar of Urban basic services of the Trivandrum's Smart-City document describes that infrastructure represents the backbone of any city. It includes roads, facilities & systems which keep the city functional, keeps people moving & meets the core needs of people. It explains the proposal for prompt response system addressing people's concern. This is where a Command and Control Centre (CCC) comes into play. In the key components mentioned in the SCP, a few are 100% coverage of basic services like 24x7 water supply with quality potable water, sewerage, storm water drains, decentralised SWM system & public sanitation facilities, Traffic management facilities such as ICT based traffic management surveillance system, development of organised/ designated paid on-street parking zones and provision of multi-level car parking facilities at identified parking hot spots, upgrading 35 intermediate roadside bus stops into hi-tech smart bus stops with real seating, Wi-fi spots, digital information boards, signage and solar charging points, Wi-fi zones at bus terminals, bus shelters & tourist hubs and CCTV surveillance and monitoring (day & night vision) for the entire city. All these facilities shall be controlled by the central facility in the CCC. The scope of work involves setting up of the civil structure, landscaping, PHE and structural earthing of the CCC.

2 Project Location

The location for the project is fixed in the Trivandrum Municipal Corporation (TMC) campus which occupies an area of 2.648 acres (10783 m²).

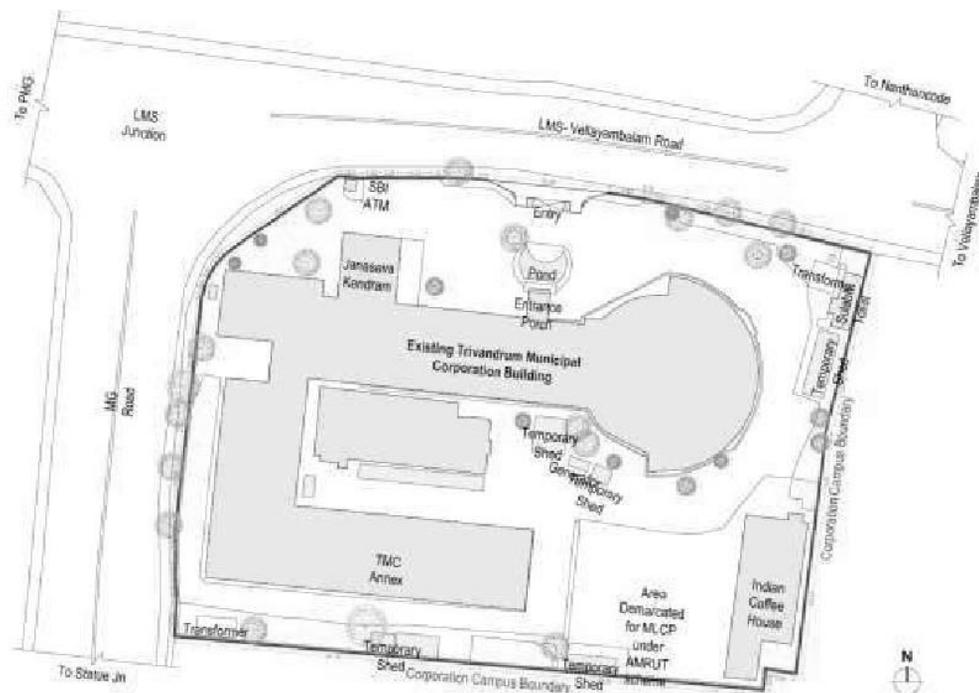


Figure 1: Total station survey drawing of Corporation campus

The CCC is planned in the North-west (NW) corner of the campus. The extension block of the Janaseva Kendram on the ground floor and Kerala Audit department and Accounts department on the first floor of the TMC building shall be used for developing the ICCC. The below image shows the NW corner of the TMC campus of the TMC.

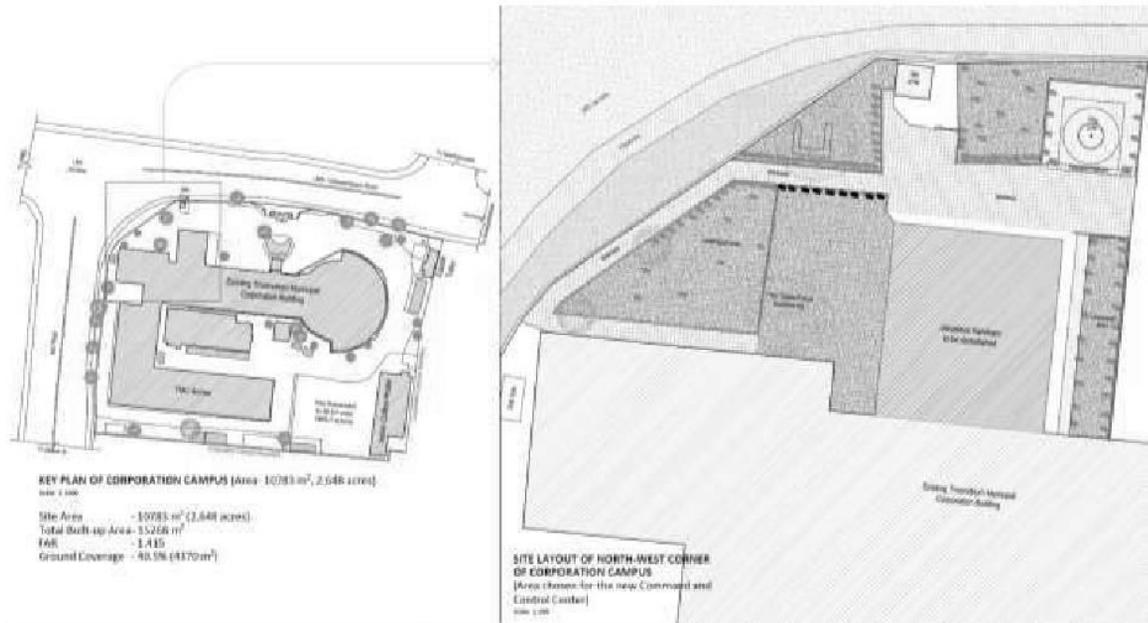


Figure 2: Survey diagram of North-west corner of Corporation campus

3 Design details

The selected design area of the Command and control centre is shown in the diagram below.

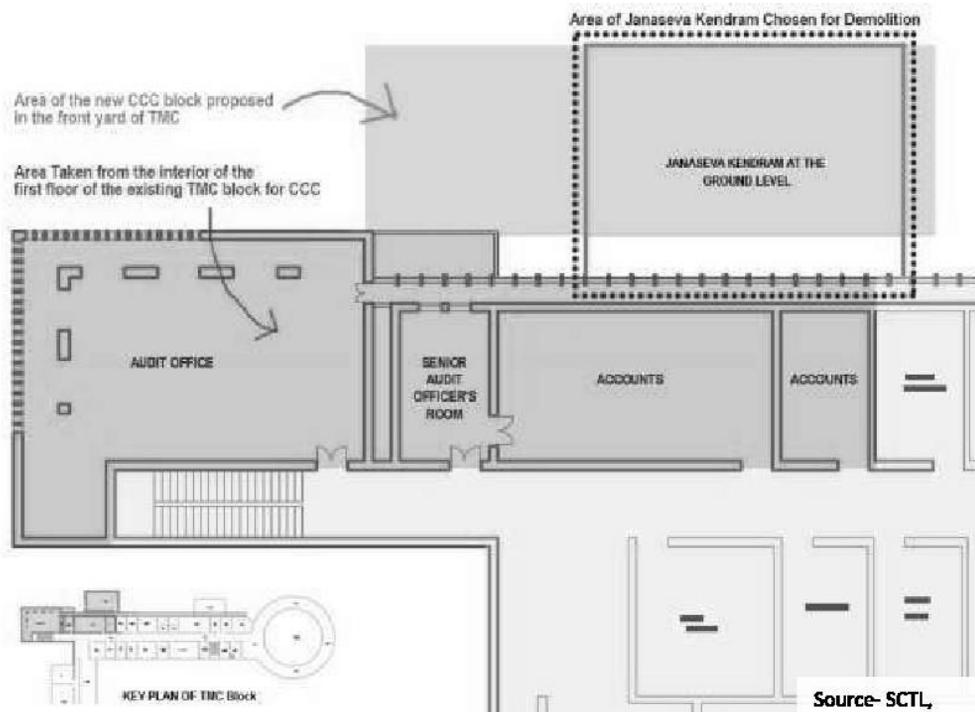


Figure 3: Area demarcation of CCC

The new block in the ground floor shall occupy an area of 236.62 m² of plinth area and 202.17 m² of carpet area. The first floor shall occupy an area of 533.51 m² for the area above the new block and from the interior of the TMC block, both combined. The total carpet area of the first floor is 452.84 m². A basement for the Pump Room has been provided which occupies a plinth area of 70.70 m². The total space selected for the design is of area 858.45 m² of plinth area and 718.25 m² of carpet area. The proposed floor areas and their usage allocation is mentioned in the table subsequently.

Table 1: Area chart of Command and Control Center

FLOOR	Components	Plinth Area		Carpet Area	
		m ²	ft ²	m ²	ft ²
Basement	Service Room	70.70	761.01	49.56	533.46
Ground	Reception, Café, Kitchen, Lockers, Washrooms	236.62	2546.95	202.17	2176.14
First	Main Ops Room, War room, Admin Room, Planning section, Manager's Room, Store, Conference Room, BMS room, NOC room, Server Room, MEP room.	533.51	5742.65	452.84	4874.32
Terrace	Stair Headroom	17.62	189.66	13.68	147.25
TOTAL		858.45	9240.27	718.25	7731.17

4.1 Basement and Ground Floor Plan

The basement of the CCC is dedicated for services. The Floor plan of the Basement is shown below.

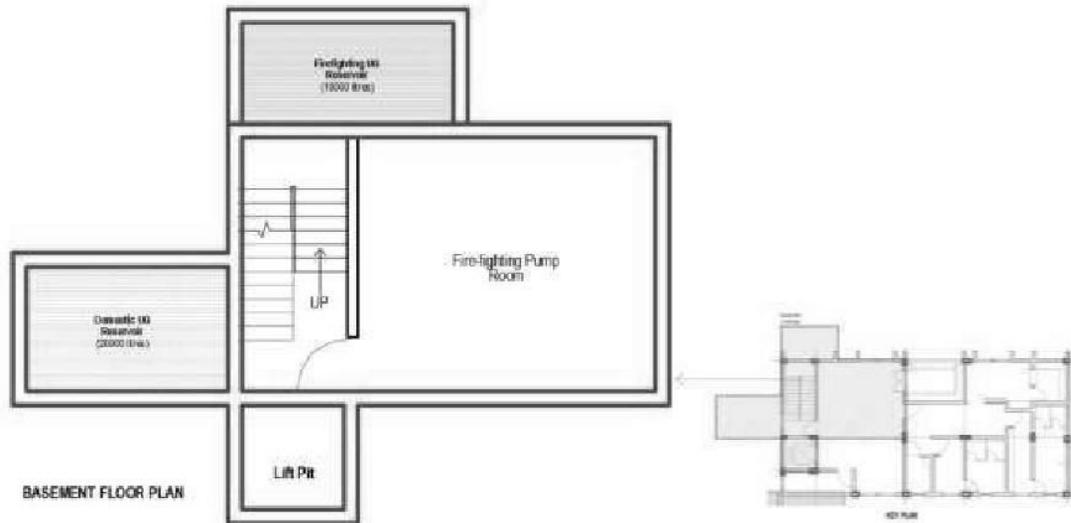


Figure 6: Basement Floor Plan

The ground floor plan of the Command and Control center is limited to the outer new block attached to the TMC building. It comprises of the entry areas, washrooms for ladies, gents and the differently-abled. The stairwell and the elevator for the CCC is placed in the new block. The floor plan diagram of the ground floor is shown subsequently.