



(NOVEMBER 2019)

MONTHLY PROGRESS REPORT



Thiruvananthapuram Smart City

Submitted By

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Expanding Horizons Enriching Lives.

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Making Development a Ground Reality
Integrity Innovation Passion Perseverance Learning

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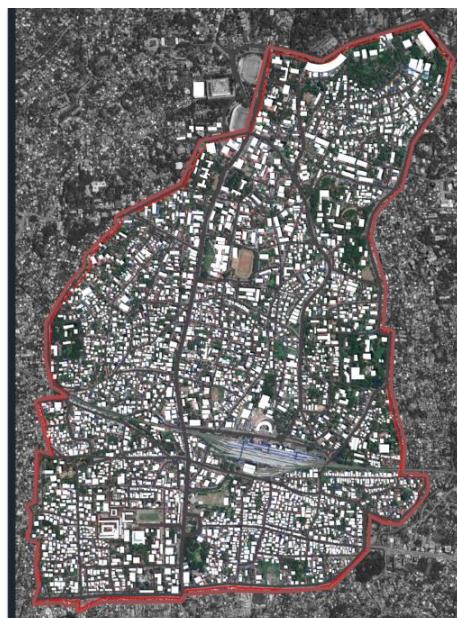
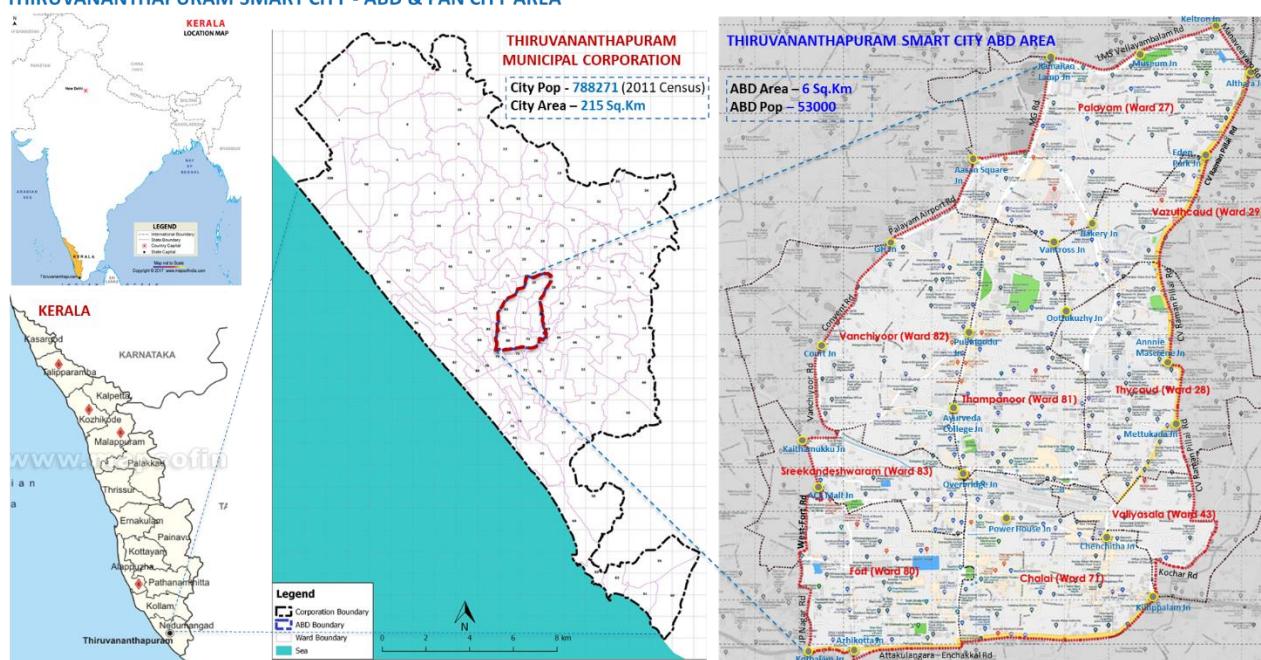
1 PROJECT INTRODUCTION AND BACKGROUND

The Smart City Thiruvananthapuram Limited (SCTL) has appointed a consortium led by IPE Global Limited and Jones Lang LaSalle as the project management consultant for execution of the smart city projects as IPE Global in association with its consortium partner Jones Lang LaSalle (JLL) are responsible for the planning and design, as well as the supervision of the implementation of Thiruvananthapuram smart city's projects under Smart City Mission.

Thiruvananthapuram city has been selected in round-3 of smart cities challenge to implement the Smart Cities Mission (SCM). Thiruvananthapuram Smart City Proposal (SCP) has secured first rank in third round cities. Along with five modules under ABD proposals in 9 wards, the pan-city proposal includes Integrated City Management Control Center (ICMCC) and Unified e-Governance portal. As per the SCP, the estimated project cost of smart city projects is about INR 1,538.19 crore. The estimated project cost of ABD component and Pan-city component is about INR 1,386.12 crore and INR 152.07 crore respectively. For implementing the Thiruvananthapuram Smart City projects, Smart City Thiruvananthapuram Limited (SCTL), a Special Purpose Vehicle (SPV) for project has been incorporated as a company under the Companies Act, 2013.

Picture 1: Thiruvananthapuram Smart City ABD & PAN City area and details

THIRUVANANTHAPURAM SMART CITY - ABD & PAN CITY AREA

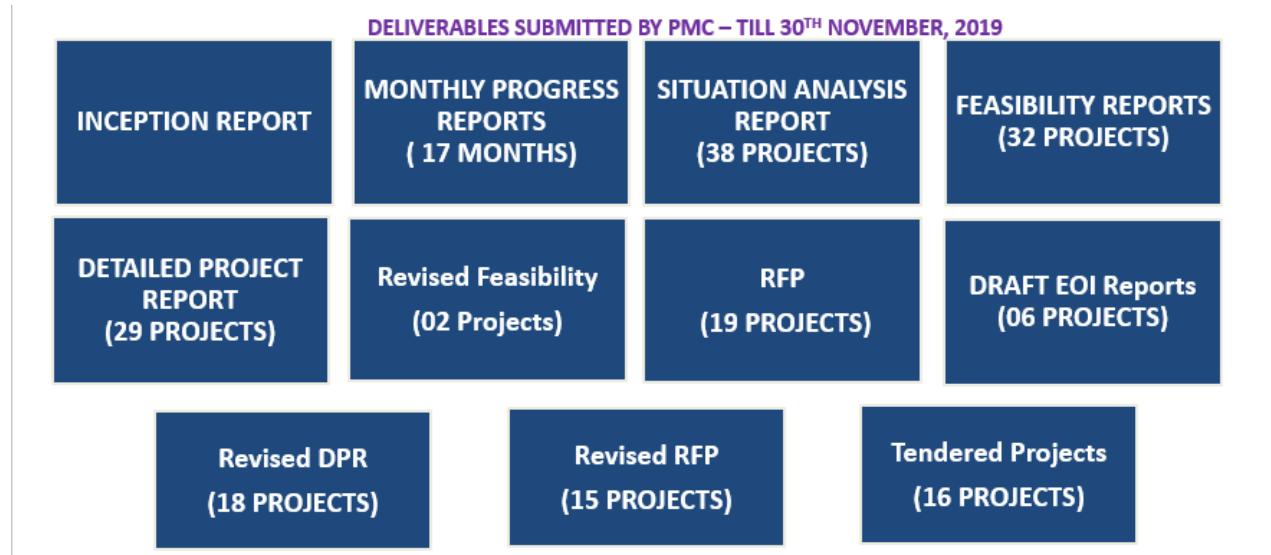


SCP MODULES	PROJECTS & COST	PROPOSED STRATEGIES
<u>Urban Basic Services</u>	15 Projects: Rs. 771.5 Cr	<ul style="list-style-type: none"> Improving Basic Services
<u>Land-Use Efficiency</u>	5 Projects: Rs. 238 Cr	<ul style="list-style-type: none"> Re-Densification with Creative Land-Use
<u>Cultural Identity & Heritage</u>	9 Projects: Rs. 126.5 Cr	<ul style="list-style-type: none"> Conserving Historic & Cultural Assets
<u>Resilience & Eco-Friendliness</u>	3 Projects: Rs. 143.7 Cr	<ul style="list-style-type: none"> Sustainable built & natural landscape
<u>Socio-Economic Inclusiveness</u>	3 Projects: Rs. 106.4 Cr	<ul style="list-style-type: none"> Promote Diversity & Foster Inclusiveness
PAN City Solutions	8 Projects: Rs. 152.07 Cr	<ul style="list-style-type: none"> Operate and manage multiple city services and deliver governance services

2 STATUS OF PROJECTS

In the month of November 2019, as part of PMC scope and in continuation of submission of Monthly Progress Report (MPR) for the month of June, July, August, September, October, November, December 2018, January, February, March, April, May, June, July, August, September, October 2019, other key activities like submission of situation analysis reports, feasibility reports, DPRs, EoIs, RFPs etc. in the month of November 2019.

Picture 2: Details of deliverables submitted by PMC.



2.1 Thiruvananthapuram Smart City Projects and Sources of Funds:

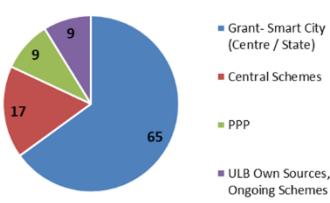
Details of Thiruvananthapuram SCP Smart City Projects, estimated sources of funds are indicated below:

Table 1: SCP Estimated costs and sources of fund for Smart City Projects

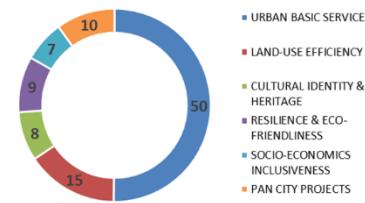
THIRUVANANTHAPURAM SMART CITY – SCP MODULES & ESTIMATED COSTS

Particulars	Project Details		Sources of Funds			
	No of SCP Projects	Estimated Cost (Rs. In Crs)	Grant- Smart City (Centre / State)	Central Schemes	PPP	ULB Own Sources, Ongoing Schemes
AREA BASED DEVELOPMENT						
A URBAN BASIC SERVICES	MODULE SUB TOTAL	15	771.51	626.63	96.92	12.99
B LAND-USE EFFICIENCY	MODULE SUB TOTAL	5	238.00	156.53	0.00	80.25
C CULTURAL IDENTITY & HERITAGE	MODULE SUB TOTAL	9	126.48	39.31	80.36	2.81
D RESILIENCE & ECO-FRIENDLINESS	MODULE SUB TOTAL	3	143.68	9.85	22.87	46.36
E SOCIO-ECONOMICS INCLUSIVENESS	MODULE SUB TOTAL	3	106.44	39.31	47.95	0.00
ABD MODULES SUB TOTAL		35	1386.12	871.64	248.10	142.42
PAN CITY PROJECTS						
PAN CITY MODULE SUB TOTAL		8	152.08	128.37	11.98	-
SCP TOTAL	43	1538.19	1000.00	260.10	142.40	135.70

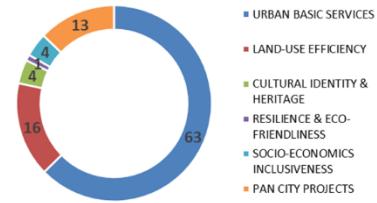
%age Share of Sources of Fund in Estimated SCP Cost (Rs 1538.19 Cr)



Module wise %age Share of Total SCP Estimated Cost - Rs 1538.19 Cr



Module wise %age Share of Total Smart City Grant - Rs 1000 Cr



2.2 Thiruvananthapuram Smart City Project progress:

As per our contract deliverables we are in the stage of preparation of Feasibility Reports, Situation Analysis Reports, Detailed Project Reports, RFP/Tenders, for the fast track phase-1 and other priority projects identified by joint consultation with SCTL.

List of deliverables like SARs, FRs, DPRs, RFPs, Eols and MPRs submitted by PMC till 30th November 2019 are indicated in following table:

SITUATION ANALYSIS REPORT DELIVERABLES		FEASIBILITY REPORTS DELIVERABLES		DETAILED PROJECT REPORTS DELIVERABLES		REQUEST FOR PROPOSAL (RFP) DELIVERABLES	
38 PROJECTS, 20 REPORTS		32 PROJECTS, 29 REPORTS		29 PROJECTS, 45 REPORTS		19 PROJECTS, 20 REPORTS	
Redesign of Bus Stops with WiFi Hotspot Facilities	1 Redesign of Bus Stops with WiFi Hotspot Facilities	1 Redesign of Bus Stops with WiFi Hotspot Facilities (Ph-I)	1 Redesign of Bus Stops with WiFi Hotspot Facilities (Ph-I)	1 Upgradation of Existing Public Toilets			
Decentralised Solid Waste Management	2 Decentralised Solid Waste Management	2 Redesign of Bus Stops with WiFi Hotspot Facilities (Ph-II)	2 Redesign of Bus Stops with WiFi Hotspot Facilities (Ph-II)	2 Upgradation of Anganwadis			
Upgradation of Existing Public Toilets	3 Upgradation of Existing Public Toilets	3 Decentralised Solid Waste Management	3 Decentralised Solid Waste Management	3 Drinking Water Fountains			
Drinking Water Fountains	4 Drinking Water Fountains	4 Upgradation of Existing Public Toilets	4 Upgradation of Existing Public Toilets	4 Interactive Information Kiosks & Display boards			
MLCPs cum Commercial Complexes (4 Nos.)	5 MLCPs cum Commercial Complexes - Thampanoor	5 Reconstruction of Existing Public Toilets	5 Reconstruction of Existing Public Toilets	5 Sustainable Campuses - (Solar rooftop)			
Last Mile Connectivity - E-Autos	6 Drinking Water Fountains	6 Drinking Water Fountains	6 Drinking Water Fountains	6 Sustainable Campuses - (Rainwater Harvesting)			
Last Mile Connectivity - Public Bicycle Sharing	7 MLCPs cum Commercial Complexes - Thampanoor	7 MLCPs cum Commercial Complexes - Thampanoor	7 MLCPs cum Commercial Complexes - Thampanoor	7 Redevelopment of Existing public toilets (Phase-2)			
Interactive Information Kiosks & Display boards	8 Interactive Information Kiosks & Display boards	8 Last Mile Connectivity - E-Autos/E-Rickshaws in Smart City	8 Last Mile Connectivity - E-Autos/E-Rickshaws in Smart City	8 Smart Road - PHASE I			
Cultural Streets - (Manaveeyam/Veedhi)	9 Cultural streets - (Manaveeyam/Veedhi)	9 Last Mile Connectivity - Public Bicycle Sharing	9 Last Mile Connectivity - Public Bicycle Sharing	9 Road and Junction Improvement			
Linked Green Activity Zones - Parks & Open Spaces	10 Linked Green Activity Zones - Parks & Open Spaces	10 Interactive Information Kiosks & Display boards	10 Interactive Information Kiosks & Display boards	10 Storm Water Drains			
Sustainable Campuses - (Solar rooftop)	11 Sustainable Campuses - (Solar rooftop)	11 Sustainable Campuses - Solar Rooftop -12 Buildings	11 Sustainable Campuses - Solar Rooftop -12 Buildings	11 Underground Ducting of Utilities			
2 Integrated Social Housing Complex - Slum Hts	12 Integrated Social Housing Complex - Slum Hts	12 Sustainable Campuses - (Solar rooftop) - 5 Buildings	12 Sustainable Campuses - (Solar rooftop) - 5 Buildings	12 Way Finding Signage and Markers			
3 OAT@Putharikandam/Maidanam	13 OAT@Putharikandam/Maidanam	13 Cultural Streets - (Manaveeyam/Veedhi)	13 Cultural Streets - (Manaveeyam/Veedhi)	13 *NMV - Cycle Tracks, Footpaths railings etc.	13 *NMV - Cycle Tracks, Footpaths railings etc.	13 *NMV - Cycle Tracks, Footpaths railings etc.	13 *NMV - Cycle Tracks, Footpaths railings etc.
4 Sustainable Campuses - (Rainwater Harvesting)	14 Sustainable Campuses - (Rainwater Harvesting)	14 OAT@Putharikandam/Maidanam	14 OAT@Putharikandam/Maidanam	14 Installation of Solar panels on rooftop in Govt. Institutions	14 Installation of Solar panels on rooftop in Govt. Institutions	14 Installation of Solar panels on rooftop in Govt. Institutions	14 Installation of Solar panels on rooftop in Govt. Institutions
5 Upgradation of Anganwadis	15 Upgradation of Anganwadis	15 Sustainable Campuses - (Rainwater Harvesting)	15 Sustainable Campuses - (Rainwater Harvesting)	15 Traffic & Transportation - Intelligent Transport, variable Message Sign & Smart Parking	15 Traffic & Transportation - Intelligent Transport, variable Message Sign & Smart Parking	15 Traffic & Transportation - Intelligent Transport, variable Message Sign & Smart Parking	15 Traffic & Transportation - Intelligent Transport, variable Message Sign & Smart Parking
6 Heritage Trails & Walks	16 Heritage Trails & Walks	16 Upgradation of Anganwadis	16 Upgradation of Anganwadis	16 Small Parking	16 Small Parking	16 Small Parking	16 Small Parking
7 Chaitanya Veedhi	17 Chaitanya Veedhi	17 Heritage Trails & Walks	17 Heritage Trails & Walks	17 OAT@Putharikandam/Maidanam	17 OAT@Putharikandam/Maidanam	17 OAT@Putharikandam/Maidanam	17 OAT@Putharikandam/Maidanam
Smart Road	Smart Road	18 Chaithanya Veedhi	18 Chaithanya Veedhi	18 Chaithanya Veedhi	18 Chaithanya Veedhi	18 Chaithanya Veedhi	18 Chaithanya Veedhi
Road and Junction Improvement	Road and Junction Improvement	Smart Road - PHASE I	Smart Road - PHASE I	19 Adaptive Traffic Control System (ATCS)			
Storm Water Drains	Storm Water Drains	*Road and Junction Improvement	*Road and Junction Improvement	20 ERICKSHAW	20 ERICKSHAW	20 ERICKSHAW	20 ERICKSHAW
8 *Underground Ducting of Utilities	8 *Underground Ducting of Utilities	*Storm Water Drains	*Storm Water Drains	21 ERICKSHAW	21 ERICKSHAW	21 ERICKSHAW	21 ERICKSHAW
*Way Finding Signage and Markers	*Way Finding Signage and Markers	*Underground Ducting of Utilities	*Underground Ducting of Utilities	22 ERICKSHAW	22 ERICKSHAW	22 ERICKSHAW	22 ERICKSHAW
*NMV - Cycle Tracks, Footpaths railings etc.	*NMV - Cycle Tracks, Footpaths railings etc.	*Way Finding Signage and Markers	*Way Finding Signage and Markers	23 ERICKSHAW	23 ERICKSHAW	23 ERICKSHAW	23 ERICKSHAW
*On Street Parking lots	*On Street Parking lots	*On Street Parking lots	*On Street Parking lots	24 ERICKSHAW	24 ERICKSHAW	24 ERICKSHAW	24 ERICKSHAW
9 Redevelopment of Palayam Market	19 Redevelopment of Palayam Market	20 Smart Road - PHASE - II	20 Smart Road - PHASE - II	25 Smart Road - PHASE - II	25 Smart Road - PHASE - II	25 Smart Road - PHASE - II	25 Smart Road - PHASE - II
Centralised Command Control Centre	Centralised Command Control Centre	21 Linked Green Activity Zones - Open Gym	21 Linked Green Activity Zones - Open Gym	26 Command and Control Centre (Civil)			
Smart Water Network	Smart Water Network	22 Linked Green Activity - Parks - Children Park	22 Linked Green Activity - Parks - Children Park	27 Heritage Trails & Walks - (IT Components)	27 Heritage Trails & Walks - (IT Components)	27 Heritage Trails & Walks - (IT Components)	27 Heritage Trails & Walks - (IT Components)
Traffic & Transportation -ITMS	Traffic & Transportation -ITMS	23 Linked Green Activity - Parks - Children Park	23 Linked Green Activity - Parks - Children Park	28 MLCPs cum Commercial Complexes - Thampanoor (IT Components)	28 MLCPs cum Commercial Complexes - Thampanoor (IT Components)	28 MLCPs cum Commercial Complexes - Thampanoor (IT Components)	28 MLCPs cum Commercial Complexes - Thampanoor (IT Components)
Smart Mosquito Density System	Smart Mosquito Density System	24 Safety & Security - Surveillance	24 Safety & Security - Surveillance	29 Interactive Information Kiosks & Display boards (IT Components)	29 Interactive Information Kiosks & Display boards (IT Components)	29 Interactive Information Kiosks & Display boards (IT Components)	29 Interactive Information Kiosks & Display boards (IT Components)
SIM/DM Data Centre	SIM/DM Data Centre	Unified e-Governance Portal	Unified e-Governance Portal	30 Smart Road - PHASE - III			
Safety & Security -Surveillance	Safety & Security -Surveillance	Disaster Management	Disaster Management	31 Smart Road - PHASE - III			
Unified e-Governance Portal	Unified e-Governance Portal	Smart Mosquito Density System	Smart Mosquito Density System	32 Heritage Conservation - Tanks Puthencherthana			
Disaster Management	Disaster Management	26 Command and Control Centre (Civil)	26 Command and Control Centre (Civil)	33 Redeign of Bus Stops with WiFi Hotspot Facilities (IT)	33 Redeign of Bus Stops with WiFi Hotspot Facilities (IT)	33 Redeign of Bus Stops with WiFi Hotspot Facilities (IT)	33 Redeign of Bus Stops with WiFi Hotspot Facilities (IT)
11 Centralised Command Control Centre (Civil) *	11 Centralised Command Control Centre (Civil) *	27 Heritage Conservation - Tanks Puthencherthana	27 Heritage Conservation - Tanks Puthencherthana	34 Heritage Conservation - Tanks Sreekantheswaram			
12 On-street Parking lots	12 On-street Parking lots	28 MLCPs cum Commercial Complexes - Thampanoor (IT Components)	28 MLCPs cum Commercial Complexes - Thampanoor (IT Components)	35 Adaptive Traffic Control System (ATCS)			
13 Heritage Conservation	13 Heritage Conservation	29 Interactive Information Kiosks & Display boards (IT Components)	29 Interactive Information Kiosks & Display boards (IT Components)	36 Smart Road - PHASE - IV			
14 Heritage Conservation - Tanks	14 Heritage Conservation - Tanks	30 Smart Road - PHASE - III	30 Smart Road - PHASE - III	37 Integrated City Management Control Center (ICMCC)			
15 Integrated transit node (East Fort Bus Stand)	15 Integrated transit node (East Fort Bus Stand)	31 Redevelopment of Palayam Market	31 Redevelopment of Palayam Market	38 SWM Data Centre			
16 Non Vehicular Zone	16 Non Vehicular Zone	32 Heritage Conservation - Tanks Puthencherthana	32 Heritage Conservation - Tanks Puthencherthana	39 Unified e-GOVERNANCE PORTAL			
17 Vending zones	17 Vending zones	33 Redeign of Bus Stops with WiFi Hotspot Facilities (IT)	33 Redeign of Bus Stops with WiFi Hotspot Facilities (IT)	40 Redevelopment of Palayam Market (IT Components)			
18 Thampanoor Railway Commercial Complex	18 Thampanoor Railway Commercial Complex	34 Heritage Conservation - Tanks Sreekantheswaram	34 Heritage Conservation - Tanks Sreekantheswaram	41 Vending zones	41 Vending zones	41 Vending zones	41 Vending zones
19 Upgradation of Public Health Centres	19 Upgradation of Public Health Centres	35 Adaptive Traffic Control System (ATCS)	35 Adaptive Traffic Control System (ATCS)	42 Vending zones	42 Vending zones	42 Vending zones	42 Vending zones
20 Heritage Settlements (Agraharams)	20 Heritage Settlements (Agraharams)	36 Smart Road - PHASE - V	36 Smart Road - PHASE - V				
21 Renovation of Shri Aranatha Padmanabha Swamy Temple Precinct Facilities	21 Renovation of Shri Aranatha Padmanabha Swamy Temple Precinct Facilities						
22 Aranatha - Phase II (Disaster Management)	22 Aranatha - Phase II (Disaster Management)						

Table 2: Thiruvananthapuram Smart City Project brief progress (as on 30th November 2019)

MODULE STATUS	No. of SCP Projects	Amount in Cr.
ABD PROJECTS		
DPR Completed	22	439.86
Administrative Sanction Received	20	453.29
Technical Sanction Received	13	45.15
Tendered	11	36.44
Work Awarded	7	7.76
PAN CITY PROJECTS		
DPR Completed	7	104.60
Administrative Sanction Received	4	49.26
Technical Sanction Received	3	48.64
Tendered	0	0
Work Awarded	0	0
CONVERGENCE PROJECTS		
DPR Completed	4	89.21
Administrative Sanction Received	4	89.21
Technical Sanction Received	4	87.40
Tendered	4	87.41
Work Awarded	4	87.01
TOTAL PROJECTS		
DPR Completed	33	633.67
Administrative Sanction Received	28	591.76
Technical Sanction Received	20	181.19
Tendered	15	123.85
Work Awarded	11	94.76

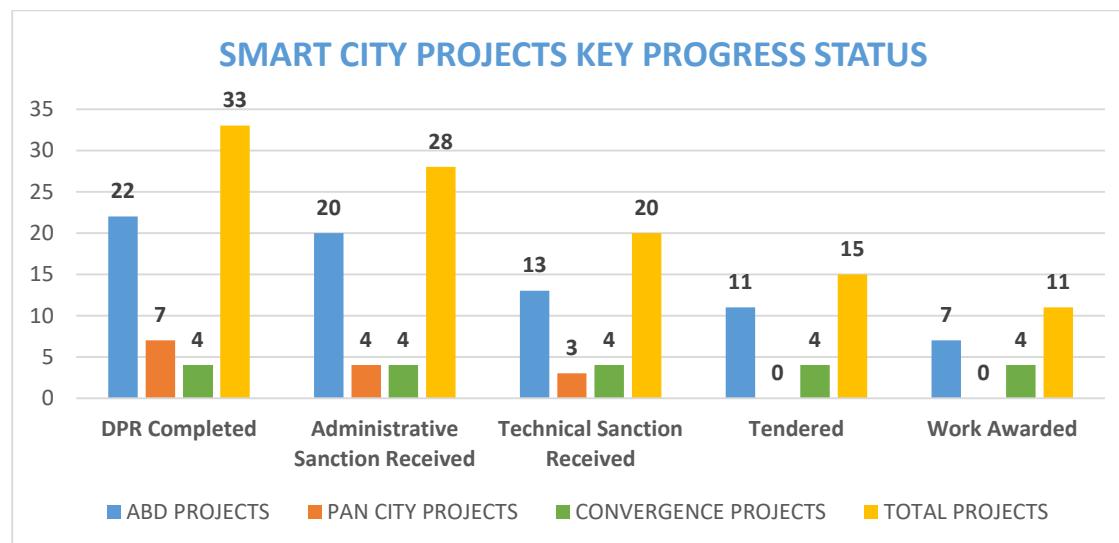


Table 3 Project Wise Current Status and DPR cost

PROJECT WISE PROGRESS STATUS				
Project Details		Estimated Cost (Rs. in Crs)	CURRENT STATUS	DPR COST (Rs. in Cr)
Particulars	AREA BASED DEVELOPMENT			
A URBAN BASIC SERVICES				
1 Continuous Piped Water Supply		22.83	WORK COMPLETED - Convergence	1.65
2 Under Ground Drainage Network		26.57	WORK COMPLETED - Convergence	1.98
3 Decentralised Solid Waste Management		2.57	DPR SUBMITTED	8.09
4 Upgradation of Existing Public Toilets		1.41	LOA ISSUED / WORK STARTED	1.52
5 Storm Water Drains		47.50	WORK COMPLETED - Convergence	5.22
6 Underground Ducting of Utilities		160.30		
7 On-street Parking lots		1.46		
8 Road and Junction Improvement		319.56	DPR SUBMITTED	273.22
9 Way Finding Signage and Markers		0.57		
10 NMT (Cycle Tracks and Footpaths Railing, Pavers, Formations, Curb stones)		77.00		
11 Drinking Water Fountains		7.32	LOA ISSUED	2.52
12 MLCPs cum Commercial Complexes (2 No.s) (Thampanoor, Palayam)		96.68	TENDER ISSUED (Thampanoor)	30.57
13 Redesign of Bus Stops with WiFi Hotspot Facilities		4.10	LOA ISSUED / WORK STARTED	3.28
14 Last Mile Connectivity (e-autos, taxi stands, bicycle sharing pods)		1.92	TENDER ISSUED	0.61
15 Non Vehicular Zone		1.72	DPR UNDER PREPARATION	
MODULE SUB TOTAL		771.51		328.66
B LAND-USE EFFICIENCY				
16 Thampanoor Railway Commercial Complex		44.38	CONSENT AWAITED	
17 Redevelopment of Palayam Market		118.22	DPR SUBMITTED	74.94
18 Integrated Transit node (East Fort Bus Stand)		54.51	DPR UNDER PREPARATION	
19 Warehouse facilities with ancillary activities at Chalai		10.82	DPR UNDER PREPARATION	
20 OAT at Putharkandam Maidanam		10.07	DPR SUBMITTED	15.93
MODULE SUB TOTAL		238.00		90.87

THIRUVANANTHAPURAM SMART CITY

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PROJECT WISE PROGRESS STATUS				
Project Details		Estimated Cost (Rs. in Crs)	CURRENT STATUS	DPR COST (Rs. in Cr)
Particulars	AREA BASED DEVELOPMENT			
C CULTURAL IDENTITY & HERITAGE				
21 Heritage Trails & Walks - Façade, Wall painting & Floor Marking		3.23	DPR SUBMITTED	0.90
22 Interactive Information Kiosks & Display boards		0.29	LOA ISSUED / WORK STARTED	0.60
23 Heritage Conservation - (Monuments, Tanks, Façade Improvement, Gateways, Clock tower)		11.69	TENDER ISSUED (Tanks)	1.43
24 Chalai Bazaar Improvement - (Streetscaping, signage, furniture, etc.)		3.60	CONSENT AWAITED	
25 Renovation of Shri Anantha Padmanabha Swamy Temple Precinct		89.29	NEAR COMPLETION - Convergence	80.36
26 Wi-Fi Lounges		5.62	CONSENT AWAITED	
27 Urban Street Haat - (Charitha Veedhi)		4.68	DPR SUBMITTED	5.06
28 Cultural streets - (Manveeyam Veedhi)		3.40	DPR SUBMITTED	1.60
29 Heritage settlements (Agraharams)		4.68	CONSENT AWAITED	
MODULE SUB TOTAL		126.48		89.95
D RESILIENCE & ECO-FRIENDLINESS				
30 Anantha - Phase II (Disaster Management)		64.60	DPR UNDER PREPARATION	
31 Linked Green Activity Zones and Pedestrian Streets		12.85	LOA ISSUED / WORK STARTED	4.47
32 Sustainable Campuses - (Solar Rooftop, Rainwater harvesting and PBS)		66.23	LOA ISSUED / TENDER ISSUED	12.47
MODULE SUB TOTAL		143.68		16.94
E SOCIO-ECONOMICS INCLUSIVENESS				
33 Integrated Social Housing Complex - Slum HHs		95.90	DPR UNDER PREPARATION	
34 Upgradation of Anganwadis & Public Health Centres		5.27	WORK STARTED	0.71
35 Vending zones		5.27	DPR SUBMITTED	1.96
MODULE SUB TOTAL		106.44		2.67
ABD MODULES SUB TOTAL		1386.12		529.07
PAN CITY PROJECTS				
1 Centralised Command Control Centre		29.63	DPR SUBMITTED (CIVIL & ICT)	37.73
2 Smart Water Network		58.55	DPR SUBMITTED	17.16
3 Traffic & Transportation - (Intelligent transport, variable Message Signboards & Smart Parking)		23.96	DPR SUBMITTED	
4 Safety & Security - (CCTV Camera Surveillance System & Street Lighting with Control System)		23.74	DPR SUBMITTED	48.64
5 Smart Mosquito Density System		0.54	DPR SUBMITTED	0.63
6 SWM Data Centre		0.12	DPR SUBMITTED	0.12
7 Unified e-GOVERNANCE PORTAL		5.00	DPR SUBMITTED	0.31
8 Disaster management - (Local Warning cum Response System)		10.54	DPR UNDER PREPARATION	
MODULE SUB TOTAL		152.08		104.60
GRAND TOTAL		1538.19		633.67

2.3 Project Tenders Floated

Details of project tenders floated till 30th November 2019 are indicated below:

Table 4: Details of tendered projects till 30th November 2019

Sl. No	Name of the Project	Probable Amount of Contract (PAC)	Tender no.	Tender Issue date	Closing Date and Time for Receipt of RFP	Time and Date of Opening of Technical BID
1	Supply & Installation of Open Air Gym (Outdoor) & Child Play Equipment at Various Locations in Thiruvananthapuram City with Defect Liability Period of One Year & Operation And Maintenance of Five	Rs.40,10,825/-	SCTL/PRJ/231/2018/UD/01	29.10.2018	21/11/18,17 00 Hrs IST	22/11/18,1000 Hrs IST

Sl. No	Name of the Project	Probable Amount of Contract (PAC)	Tender no.	Tender Issue date	Closing Date and Time for Receipt of RFP	Time and Date of Opening of Technical BID
	Years under the Smart Cities Mission Program of Government of India					
2	Selection of Contractor for Upgradation of Public Toilets at Six (6) Identified Locations.	Rs. 48,43,793/-	SCTL/PRJ/RFP PT/13/2018/01	26.11.2018	06/01/2019; 10.00 AM	07/01/2019; 1600 Hrs IST
3	Selection of Construction of new Building for fixing/placing the Information Kiosk with Wi Fi facilities at various locations in ABD Area.	Rs. 8,44,474/-	SCTL/PRJ/222/2018/ RFP CIVIL OF INFORMATION KIOSKS/01	26.11.2018	27/12/2018; 1730 Hrs. IST	29/12/2018; 1000 Hrs IST
4	Design, Supply, Installation, Testing, Commissioning, Operation and Maintenance of the Interactive information kiosk and Display boards in 5 identified locations in ABD area, Thiruvananthapuram	Rs.43,25,000/-	NIT No. SCTL-PRJ/222/2019-IT	30.11.2019	21/12/2019; 1730 Hrs IST	24/12/2019; 1230 Hrs. IST
5	Design, Supply, Installation, Commissioning and Operation & Maintenance of Water Kiosks in ABD	Rs. 2,17,81,835 (without GST)	SCTL/PRJ/207/2018/RFP- Water Kiosks/01	04.01.2019	25/01/2019; 1700 Hrs IST	29/01/2019; 1200 Hrs IST
			SCTL/PRJ/207/2018/RFP- Water Kiosks/02	18.02.2019	02/03/2019; 1600 Hrs IST	04/03/2019; 1200 Hrs IST
			SCTL/PRJ/207/2019/RFP- Water Kiosks/03	07.09.2019	05/10/2019 1730 Hrs IST	09/10/2019 1200 Hrs IST
6	Redevelopment of Bus Queue Shelters at 6 Identified locations	Rs. 89,99,294/- (excluding GST)	SCTL/PRJ/212/2018/UD /01	16-02-2019	02/03/2019; 1600 Hrs IST	04/03/2019; 1200 Hrs IST
7	Redevelopment of Public Toilets	Rs. 50,86,808.78 /- (excluding GST)	SCTL/PRJ/205/2018/M(PMM) /1A	1 -16.02.2019	02/03/2019; 1600 Hrs IST	04/03/2019; 1230 Hrs IST
			SCTL/PRJ/205/2018/M(PMM) /1A	2.07.03.2019	22/04/2019; 4.00 PM	23/04/2019; 1200 Hrs IST
		Rs. 54,52,591/- (excluding GST)	SCTL/PRJ/205/2018/M(PMM)/3A	3. 11.10.2019	05/11/2019; 1200 Hrs IST	07/11/2019; 1200 Hrs IST
8	Selection of Contractor for Procurement Of 15 E-Autos (Design, Manufacture, On-Site Supply, and Maintenance Support) in Thiruvananthapuram	-	SCTL/PRJ/213/2018/RFP- EAUTO/01	1 - 16.02.2019	02/03/2019; 1730 Hrs IST	04/03/2019; 1200 Hrs IST
		-	SCTL/PRJ/213/2018/RFP- EAUTO/01	2 - 07.03.2019	21/03/2019; 1730 Hrs IST	23/03/2019; 1200 Hrs IST
		-	SCTL/PRJ/213/2018/RFP- EAUTO/01	3 - 10.06.2019	16/07/2019; 1600 Hrs IST	03/07/2019; 1200 Hrs IST *
9	Selection of Contractor for Procurement Of 15 Erickshaws (Design, Manufacture, On-Site Supply, and Maintenance Support) in Thiruvananthapuram	-	SCTL/PRJ/213/2018/RFP- Erikshaw/01	1. 16.02.2019	02/03/2019; 1600Hrs IST	04/03/2019; 1200 Hrs IST
		-	SCTL/PRJ/213/2018/RFP- ERICKSHAW/01	2. 10.06.2019	17/07/2019; 1600 Hrs IST	03/07/2019; 1200 Hrs IST *
10	Supply, Installation, Commissioning, Operation and Maintenance of the Rainwater Harvesting System	Rs. 70,77,299/- (Excluding GST)	SCTL/PRJ/232/2018/M (PMM)	01.03.2019	22/04/2019; 4.00 PM	23/04/2019; 1200 Hrs IST
11	Upgradation of Anganwadi – Phase 1	Rs. 39,26,214 (Excluding GST)	SCTL/PRJ/234/2018/UD	01.03.2019	14/03/2019; 1600 Hrs IST	15/03/2019; 1600 Hrs IST

Sl. No	Name of the Project	Probable Amount of Contract (PAC)	Tender no.	Tender Issue date	Closing Date and Time for Receipt of RFP	Time and Date of Opening of Technical BID
12	Roof Mounted Solar PV Power Plant on Various Buildings	Rs. 3,48,39,534.11	SCTL/PRJ/132/2018/RFP-Solar/01	10.06.2019	11/07/2019; 1600 Hrs IST	15/07/2019; 1600 Hrs IST
13	Selection of Contractor for Redevelopment and Landscaping of Ponnara Sreedhar Park	Rs. 86,91,209/-	SCTL/PRJ/231/2018/UD/01/Open Park-Ponnara	10.06.2019	17/07/2019; 1600 Hrs IST	18/07/2019; 1600 Hrs IST
			SCTL/PRJ/231/2019/UD/01/Open Park-Ponnara	27.07.2019	26/08/2019; 1730 Hrs IST	28/08/2019; 1730 Hrs IST
14	Construction of Multi Level Car Parking Cum Commercial Complex at Thampanoor	Rs.16,39,69,164.14	SCTL/PRJ/232/2019/MPMM/RFP/01	30.10.2019	21/11/2019; 1730 Hrs IST	23/11/2019; 1200 Hrs IST
15	Selection of Contractor for Temple Tanks Improvements in Thiruvananthapuram	Rs. 85,11,100.16	SCTL/PRJ/223/2019/UD/RFP/01	30.10.2019	21/11/2019; 1730 Hrs IST	23/11/2019; 1200 Hrs IST
16	Selection of Contractor for Construction of Open Air Theatre and Park at Putharikandam Maidanam (O&M included)	Rs. 8,11,79,769.79	SCTL/PRJ/220/2019/RFP-OAT/UD-01	30.11.2019	21/12/2019; 1730 Hrs IST	24/12/2019; 1200 Hrs IST

2.4 Notice (Expression of Interest) Floated

Details of Notice (Expression of Interest) Floated till 30th November 2019 are indicated below:

Table 5: Details of Expression of Interest Floated till 30th November 2019

Sl. No	Name of the Project	EOI/Tender no.	Tender Issue date	Closing Date and Time for Receipt of RFP	Time and Date of Opening of Technical BID
1	"Notice (Expression of Interest) for the Pre-Qualification of Domestic (Indian) / Overseas Competent Manufacturers/Aggregators/ Operators for Electrical Autos (E-Autos) in Thiruvananthapuram City in the state of Kerala."	SCTL/PRJ/213/2018/EOI-AUTO/01	26-11-2018	18/12/2017 1600 Hrs. IST	21 /12/2018 1000 Hrs. IST
2	Expressions of Interest from entities for the setting -up and operation of the Public Bicycle Sharing System . The entities that would participate in the EOI process will be given additional weightage in upcoming tendering process based on its proposal and performance of Proof of Concept (POC) in Thiruvananthapuram	SCTL/PRJ/213/2018/EOI-PBS/01	26-11-2018	18/12/2017 1600 Hrs. IST	21 /12/2018 1000 Hrs. IST
3	"Notice (Expression of Interest) for the Pre-Qualification of Domestic (Indian) / Overseas Competent Manufacturers/Empaneled Agencies with MNRE/ANERT/SECI /Roof Top Solar Projects Developers or Operators for Installation of grid connected rooftop solar photovoltaic power plant in 12 government buildings , Thiruvananthapuram City in the state of Kerala".	SCTL/PRJ/132/2018/EOI-Solar/01	26-11-2018	18/12/2017 1600 Hrs. IST	21/12/2018 1700 Hrs. IST
4	Multi Level Car Parking (MLCP) cum Commercial Complexes (Providing land for construction and operation & maintenance of multi-level car parking facility)	SCTL/PRJ/208/2019/M(UP)/EOI-01	01-03-2019	14/03/2019 1600 Hrs. IST	15/03/2019 1000 Hrs. IST
5	Design, Supply, Installation, Commissioning of Installation of Statues under Smart City Mission (SCM) in Thiruvananthapuram City	SCTL/PRJ/223/2019/EOI-UD-01	19-11-2019	On 05/12/2019 1730 Hrs. IST	On 07/12/2019 1730 Hrs. IST

3 PROJECT IMPLEMENTATION PROGRESS:

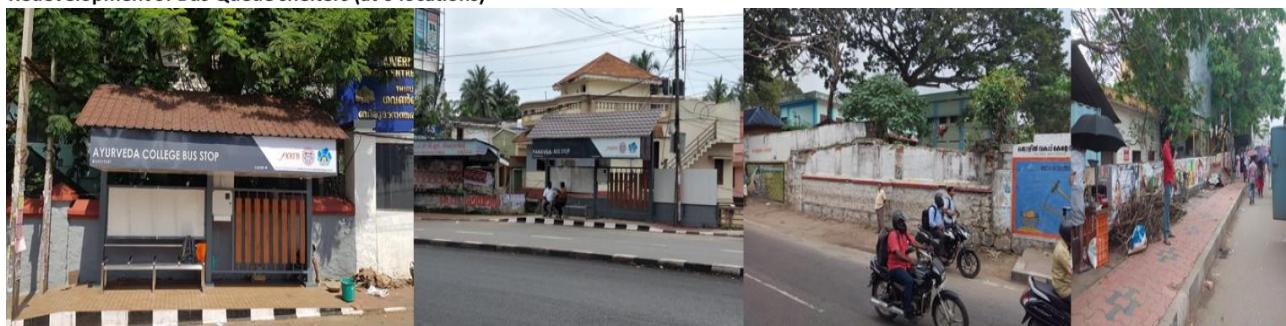
As per PMC ToR, for implementation of tendered projects, Letter of Awards (LoAs), Signed Agreements, facilitation of sanction drawings is being coordinated with SCTL and the finalised contractors. Following are the details of projects under implementation stage as on 30th November 2019:

Table 6: Details of Implementation of Tendered Projects as on 30th November 2019

IMPLEMENTATION STATUS - Smart City Project - Thiruvananthapuram (as on 30 Nov 2019)						
PROJECT DETAILS		SUB PROJECT DETAILS		IMPLEMENTATION		
S.N	PROJECT NAME	S.N	Project Scope	CURRENT STATUS	PROJECT START DATE	EXPECTED FINISHING DATE
1	Upgradation of Existing Public Toilets	1	Thambanoor Bus Terminal- In Gate	COMPLETED. HANDED OVER TO CLIENT.	24-05-2019	
		2	Thambanoor Bus Terminal- Out Gate	SITE YET TO HANDOVER		
		3	Sulabh Toilet - Corporation	UNDER PROGRESS		30-Dec-19
		4	Sulabh Toilet - Vanchiyoor	SITE YET TO HANDOVER		
		5	Sulabh Toilet - Putharikhandam Maidam	UNDER PROGRESS		30-Jan-20
		6	Sulabh Toilet - Thampanoor	SITE YET TO HANDOVER		
2	Information Kiosk with Wi-fi facilities	1	Corporation Campus	UNDER PROGRESS	30-05-2019	15-Jan-20
		2	Gandhi park	UNDER PROGRESS		
4	Redevelopment of Bus Queue shelters at 6 locations	1	Womens college	SITE YET TO HANDOVER	24-05-2019	
		2	Panavila	COMPLETED.		
		3	Killipalam boys school- loc 1	STARTED		25-Jan-20
		4	Killipalam boys school- loc 2	STARTED/ WORK HOLD.		
		5	Thampanoor railway station	STARTED		31-Mar-20
		6	Ayurveda college	COMPLETED		
5	Installation of Open air Gym and Child play Equipments	1	Gandhi Park	Completed.Only snags are pending. Inaguration of Gandhi park is done on 18-11-2019	10-05-2019	15-Nov-19
		2	Sreekandeswaram Park			
		3	Sree Chithira thirunal Park			
6	Upgradation of Anganwady at three identified locations	1	Rajaji Nagar, Chenkalchoola (Centre no: 63)	UNDER PROGRESS	08.08.2019	15-Jan-20
		2	Thampanoor UP School-Centre no: 61	UNDER PROGRESS	02.08.2019	30-Dec-19
		3	Fort Sanskrit School-Centre no 60	STARTED	3.11.2019	15-Jan-20

Figure 1: Few glimpses of ongoing project execution works in the month of November 2019

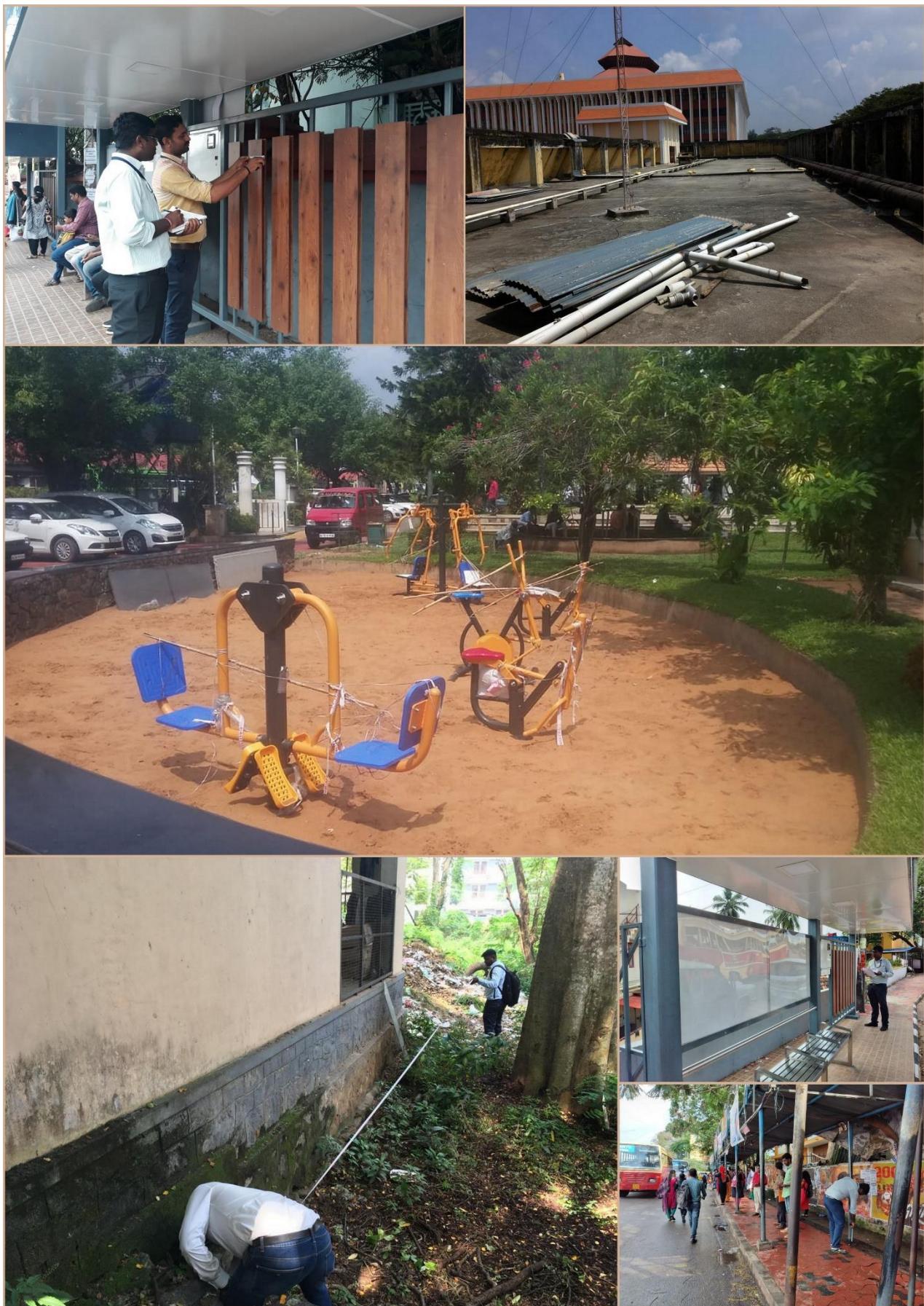
Redevelopment of Bus Queue shelters (at 6 locations)



Installation of Open-air Gym and Child play Equipment (at 3 locations)**Upgradation of Anganwadi (at 3 locations)****Information Kiosk with Wi-fi facilities (at 2 locations)****Upgradation of Existing Public Toilets (at 3 locations)**

Figure 2 Site Execution Monitoring by PMC and joint inspection with SCTL team





4 DELIVERABLES BY PMC (in the month of November 2019):

In the month of November 2019, PMC team has made 26 deliverables like, Detailed Project Reports, Request for Proposal (RFP) for Tender, Monthly Project Report (MPR), Revised Detailed project Reports, Revised Electrical Drawings and Estimate, Situation Analysis Report, Feasibility Report, Addendum Report etc. Following deliverables in the month of November 2019:

Table 7: Deliverables by PMC in the month of November 2019

S.N	Project Name	Ref Letter No.	Date	Document Name
1	Open Air Theatre at Putharikandam Maidanam	SCTL/PMC/PD/PP/DPR-03i	01-Nov-19	Revised Electrical Design and Estimate
2	Parks and Open Spaces – Integrated Development for Parks – Children's Park.	SCTL/PMC/PD/DPR-02/P2h	01-Nov-19	Revised Electrical Design and Estimate
3	Urban Street Haat - (Charitha Veedhi)	SCTL/PMC/PD/DPR-02/P2h	01-Nov-19	Revised Electrical Design and Estimate
4	Anantha - Phase II (Disaster Management)	PMC/PD/PP-2/SAR/05	05-Nov-19	Situation Analysis Report
5	Monthly Progress Report (MPR)	SCTL/PMC/PD/83	05-Nov-19	MPR- October - 2019
6	Redevelopment of Palayam Market	PMC/PD/PP/DPR/08c	05-Nov-19	Revised DPR
7	Parks and Open Spaces – Integrated Development for Parks – Children's Park.	SCTL/PMC/PD/DPR-02/P2i	07-Nov-19	Revised DPR
8	Traffic & Transportation - (Intelligent Transport, variable Message Signboards & Smart Parking) and Safety & Security - (CCTV Camera Surveillance System & Street Lighting with Control System) and ATCS	SCTL/PMC/PD/PP/RFP-05	08-Nov-19	Draft RFP Submission
9	MLCPs cum Commercial Complexes - Thampanoor	SCTL/PMC/PD/DPR-08q	08-Nov-19	Revised DPR (ICT)
10	Vending Zones	PMC/PD/PP/FR/09	14-Nov-19	FEASIBILITY REPORT SUBMISSION
11	Phase-2 Redesign of Bus Stops with Wi-Fi Hotspot Facilities'	SCTL/PMC/PD/DPR-07/P2d	15-Nov-19	Revised DPR
12	Redevelopment of Palayam Market	PMC/PD/PP/DPR/08c/1	15-Nov-19	Revised DPR
13	Redesign of Bus Stops with WiFi Hotspot Facilities	SCTL/PMC/PD/DPR-07/P2e	16-Nov-19	Revised DPR (ICT Documents for 35 locations)
14	Redevelopment of Palayam Market	PMC/PD/PP/DPR/08d	19-Nov-19	DPR (ICT)
15	Integrated City Management Control Center (ICMCC)	PMC/PD/PP/DPR/09a	20-Nov-19	Revised DPR
16	Interactive Information Kiosks and display boards	SCTL/PMC/PD/RFP-03e	21-Nov-19	RFP (IT Works)
17	Open Air Theatre at Putharikandam Maidanam	SCTL/PMC/PD/PP/DPR-03j	22-Nov-19	Revised Electrical Estimate
18	Heritage Trails & Walks - Façade, Wall painting & Floor Marking	SCTL/PMC/PD/PP/DPR-06f	25-Nov-19	Revised DPR
19	Phase - III – Underground ducting of utilities: Smart Road	PMC/PD/PP-2/DPR/04b	25-Nov-19	Revised DPR (Civil Estimate & Drawings)
20	Open Air Theatre at Putharikandam Maidanam	SCTL/PMC/PD/PP/RFP-03a	27-Nov-19	Revised RFP
21	Redevelopment of Palayam Market	PMC/PD/PP/DPR/08e	27-Nov-19	Addendum Report
22	Phase - IV – Underground ducting of utilities: Smart Road	PMC/PD/PP-2/DPR/07a	28-Nov-19	Revised Estimate
23	Vending Zones	PMC/PD/PP/DPR/10	29-Nov-19	DPR Submission
24	Interactive Information Kiosks and display boards	SCTL/PMC/PD/RFP-03f	29-Nov-19	Revised RFP
25	Open Air Theatre at Putharikandam Maidanam	SCTL/PMC/PD/PP/RFP-03b	30-Nov-19	Revised RFP
26	Adaptive Traffic Control System (ATCS)	PMC/PD/PP2/DPR/06c	30-Nov-19	Revised DPR

Following deliverables were submitted by PMC to SCTL in the month of November 2019:

ADAPTIVE TRAFFIC CONTROL SYSTEM (ROAD & JUNCTION IMPROVEMENT)

PROJECT DOMAIN: URBAN BASIC SERVICES DOCUMENT NO.: PMC/PD/P92/DPV/06

Submitted By IPE GLOBAL (Leading Hospitals, Enriching Lives) (LEAD MEMBER) JLL (ASSOCIATE MEMBER)

Villas Bhavan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O. University of Kerala Senate House Campus, Palayam, Thiruvananthapuram - 695033

DETAILED PROJECT REPORT VENDEE ZONES PROJECT: RKV ROAD

PROJECT DOMAIN: SOCIO-ECONOMIC INCLUSIVENESS DOCUMENT NUMBER: PMC/PD/P93/DPV/10

Submitted By IPE GLOBAL (Leading Hospitals, Enriching Lives) (LEAD MEMBER) JLL (ASSOCIATE MEMBER)

Villas Bhavan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O. University of Kerala Senate House Campus, Palayam, Thiruvananthapuram - 695033

PHASE-4 SMART ROADS: UNDERGROUND DUCTING OF UTILITIES (Corporation Roads in Fort area & other wards)

Thiruvananthapuram Smart City

SCP Module: Urban Basic Services Document Number: PD/PP-2/DPV/07a

Submitted By IPE GLOBAL (Leading Hospitals, Enriching Lives) (LEAD MEMBER) JLL (ASSOCIATE MEMBER)

Villas Bhavan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O. University of Kerala Senate House Campus, Palayam, Thiruvananthapuram - 695033

SMART PROJECT REPORT (Planning, Estimate, Outcomes)

ELECTRICAL DRAWINGS & ESTIMATES

PROJECT DOMAIN: LAND USE EFFICIENCY DOCUMENT NO.: PD/P93/DPV/02

Submitted By IPE GLOBAL (Leading Hospitals, Enriching Lives) (LEAD MEMBER) JLL (ASSOCIATE MEMBER)

Villas Bhavan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O. University of Kerala Senate House Campus, Palayam, Thiruvananthapuram - 695033

DETAILED PROJECT REPORT (CURATION, ICT AND SIGNAGE)

PROJECT DOMAIN: CULTURAL IDENTITY AND HERITAGE DOCUMENT NUMBER: PD/PP/P93/DPV/05

Submitted By IPE GLOBAL (Leading Hospitals, Enriching Lives) (LEAD MEMBER) JLL (ASSOCIATE MEMBER)

Villas Bhavan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O. University of Kerala Senate House Campus, Palayam, Thiruvananthapuram - 695033

HERITAGE TRAILS AND WALKS PROJECT- PART 1 (CURATION, ICT AND SIGNAGE)

Submitted By IPE GLOBAL (Leading Hospitals, Enriching Lives) (LEAD MEMBER) JLL (ASSOCIATE MEMBER)

Villas Bhavan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O. University of Kerala Senate House Campus, Palayam, Thiruvananthapuram - 695033

DETAILED PROJECT REPORT REVISED

REDEVELOPMENT OF PALAYAM MARKET

PROJECT DOMAIN: LAND USE EFFICIENCY DOCUMENT NUMBER: PD/PP/DPV/05

Submitted By IPE GLOBAL (Leading Hospitals, Enriching Lives) (LEAD MEMBER) JLL (ASSOCIATE MEMBER)

Villas Bhavan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O. University of Kerala Senate House Campus, Palayam, Thiruvananthapuram - 695033

ICT INTERVENTION IN PALAYAM MARKET

PROJECT DOMAIN: ICT-ABD PROJECT DOCUMENT NUMBER: PMC/PD/PP/DPR-08d

Submitted By IPE GLOBAL (Leading Hospitals, Enriching Lives) (LEAD MEMBER) JLL (ASSOCIATE MEMBER)

Villas Bhavan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O. University of Kerala Senate House Campus, Palayam, Thiruvananthapuram - 695033

For the DPR of Redesign of Bus Stops with Wi-Fi Hotspot Facilities

PROJECT DOMAIN: ROAD IMPROVEMENTS & TRANSPORT PLANNING DOCUMENT NO.: SCTU/PMC/PD/DPR-07/92a

Submitted By IPE GLOBAL (Leading Hospitals, Enriching Lives) (LEAD MEMBER) JLL (ASSOCIATE MEMBER)

Villas Bhavan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O. University of Kerala Senate House Campus, Palayam, Thiruvananthapuram - 695033

SMART ROAD: UNDERGROUND DUCTING OF UTILITIES (Major Roads of ABD area under KRF & two PWD stretches)

Thiruvananthapuram Smart City

SCP Module: Urban Basic Services Document Number: PD/PP-2/DPV/04b

Submitted By IPE GLOBAL (Leading Hospitals, Enriching Lives) (LEAD MEMBER) JLL (ASSOCIATE MEMBER)

Villas Bhavan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O. University of Kerala Senate House Campus, Palayam, Thiruvananthapuram - 695033

DETAILED PROJECT REPORT

INTEGRATED CITY MANAGEMENT CONTROL CENTRE (ICMCC)

PROJECT DOMAIN: ICT- PAN CITY DOCUMENT NUMBER: SCTU/PMC/PD/PP/DPR/05a

Submitted By IPE GLOBAL (Leading Hospitals, Enriching Lives) (LEAD MEMBER) JLL (ASSOCIATE MEMBER)

Villas Bhavan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O. University of Kerala Senate House Campus, Palayam, Thiruvananthapuram - 695033

4.1 Key Projects/Progress/Review Presentations:

During the month of November 2019, PMC team had following key progress/project presentations:

Table 8: List of presentations in the month of November 2019.

S.N	Date	Stakeholder/Department	Project Name	Key Agenda
1	01-Nov-19	TS Committee	TSCCC ATCS ICCC MLCP	Committee Review
2	15-Nov-19	Board Members (Board Meeting)	Integrated Transit node (East Fort Bus Stand)	12th Board Meeting at Secretariat - Progress review
3	15-Nov-19	Board Members (Board Meeting)	Last mile connectivity (e-Rickshaw)	12th Board Meeting at Secretariat - Progress review
4	15-Nov-19	Board Members (Board Meeting)	Redevelopment of Palayam Market	12th Board Meeting at Secretariat - Progress review
5	15-Nov-19	Board Members (Board Meeting)	Integrated Social Housing Complex - Slum HHs (Rajaji Nagar)	12th Board Meeting at Secretariat - Progress review
6	15-Nov-19	Board Members (Board Meeting)	Underground Ducting of Utilities (Ph- 1-5)	12th Board Meeting at Secretariat - Progress review
7	15-Nov-19	Board Members (Board Meeting)	Vending zones	12th Board Meeting at Secretariat - Progress review
8	15-Nov-19	Board Members (Board Meeting)	CHALAI WAREHOUSE & COMMERCIAL COMPLEX	12th Board Meeting at Secretariat - Progress review
9	22-Nov-19	CEO Review Meeting	ITMS	TVM Smart City Presentation - Draft RFP ITMS_22.11.2019
10	28-Nov-19	TS Committee	ATCS MLCPs cum Commercial Complexes Redevelopment of Palayam Market Redesign of Bus Stops with WiFi Hotspot Facilities	Committee Review on IT Components

Picture 3: Few glimpses from Project Meetings (in the month of November 2019)



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5 LETTERS SUBMITTED:

During the month of November 2019, for support required from SCTL, team mobilization to project office, deliverables submitted, concerns related to project planning, development and implementation, following letters were submitted to SCTL by PMC. Details of letters are indicated below:

Table 9: Details of letters submitted by PMC in the month of November 2019

S.N	Letter No	Date	Subject	Address to
1	SCTL/PMC/IMPL/Bus-Stops/23	01-Nov-19	Redevelopment of Bus Queue Shelters at 6 Identified Locations –Details of Structural GFC drawings for Bus shelter at Location Thampanoor.	Dr. Sanoop Gopikrishna GM- SCTL
2	SCTL/PMC/PD/PP/DPR-03i	01-Nov-19	Submission of Revised Electrical Design and Estimate - OPEN AIR THEATRE AT PUTHARIKANDAM MAIDANAM (under Land Use Efficiency Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
3	SCTL/PMC/PD/DPR-02/P2h	01-Nov-19	Submission of Revised Electrical Design and Estimates - Parks and Open Spaces – Integrated Development for Parks – Children's Park	Sh. P. Bala Kiran (IAS), CEO, SCTL
4	PMC/PD/PP-2/DPR/02c	01-Nov-19	Submission of Revised Electrical Design and Estimate - Urban Street Haat - (Charithra Veedhi) (under CULTURAL IDENTITY & HERITAGE Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
5	SCTL/PMC/IMPL/Bus-Stops/24	02-Nov-19	Redevelopment of Bus Queue Shelters at 6 Identified Locations – Killipalam Bus Shelter – No. 2 – Comments in shop drawings	Dr. Sanoop Gopikrishna GM- SCTL
6	SCTL/PMC/IMPL/Bus-Stops/25	02-Nov-19	Redevelopment of Bus Queue Shelters at 6 Identified Locations –Details of Architectural GFC drawings for Bus shelter at Location Thampanoor.	Dr. Sanoop Gopikrishna GM- SCTL
7	PMC/TM/64	04-Nov-19	Team mobilization to project office –Ms. Pournami Narayanan (Design Team – Support – Urban Planner)	Dr. Sanoop Gopikrishna GM- SCTL
8	PMC/PD/PP-2/SAR/05	05-Nov-19	Submission of Project deliverable - Situation Analysis Report- Anantha - Phase II (Disaster Management) (under RESILIENCE & ECO-FRIENDLINESS Module in SCP).	Dr. Sanoop Gopikrishna GM- SCTL
9	SCTL/PMC/IMPL/Anganwadis/10	05-Nov-19	Upgradation of Anganwadi at Rajaji Nagar and Thampanoor UPS – Reply to Show cause notice	Dr. Sanoop Gopikrishna GM- SCTL
10	SCTL/PMC/PD/83	05-Nov-19	Monthly Progress Report - October 2019	Sh. P. Bala Kiran (IAS), CEO, SCTL
11	PMC/PD/PP/DPR/08c	05-Nov-19	Submission of Revised Detailed Project Report - Redevelopment of Palayam Market (under Land Use Efficiency Module in SCP)	Sh. P. Bala Kiran (IAS), CEO, SCTL
12	SCTL/PMC/A&I/35	06-Nov-19	Invoice for the month of October - 2019 (Input)	Sh. P. Bala Kiran (IAS), CEO, SCTL
13	SCTL/PMC/PD/DPR-02/P2i	07-Nov-19	Submission of Revised DPR - Parks and Open Spaces – Integrated Development for Parks – Children's Park	Sh. P. Bala Kiran (IAS), CEO, SCTL
14	SCTL/PMC/IMPL/Bus-Stops/26	07-Nov-19	Redevelopment of Bus Queue Shelters at 6 Identified Locations – Killipalam Bus Shelter location 01 – Comments in shop drawings	Dr. Sanoop Gopikrishna GM- SCTL
15	SCTL/PMC/PD/84	08-Nov-19	Design, Supply, Installation, Erection, Testing & Commissioning, Operation & Maintenance of Grid -Tied Roof Mounted Solar PV Power Plant	Dr. Sanoop Gopikrishna GM- SCTL
16	SCTL/PMC/PD/PP/RFP-05	08-Nov-19	SUBMISSION OF DRAFT REQUEST FOR PROPOSAL FOR TENDER: Priority Projects - Traffic & Transportation - (Intelligent	Sh. P. Bala Kiran (IAS), CEO, SCTL

S.N	Letter No	Date	Subject	Address to
			Transport, variable Message Signboards & Smart Parking) and Safety & Security - (CCTV Camera Surveillance System & Street Lighting with Control System) alongwith Adaptive Traffic Control System.	
17	SCTL/PMC/PD/DPR-08q	08-Nov-19	Submission of Revised Detailed Project Report (ICT) (OPP THAMPANOOR RAILWAY STATION): 'Multi Level Car Parking (MLCP) cum Commercial Complexes in Smart City ABD area'	Sh. P. Bala Kiran (IAS), CEO, SCTL
18	PMC/PD/PP/FR/09	14-Nov-19	Submission of Feasibility Report - VENDING ZONES IN SMART CITY ABD AREA (under Socio-Economic Inclusiveness Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
19	SCTL/PMC/PD/DPR-07/P2d	15-Nov-19	Revised DPR SUBMISSION: 'Phase-2 Redesign of Bus Stops with Wi-Fi Hotspot Facilities'	Sh. P. Bala Kiran (IAS), CEO, SCTL
20	PMC/PD/PP/DPR/08c/1	15-Nov-19	Submission of Revised Detailed Project Report - Redevelopment of Palayam Market (under Land Use Efficiency Module in SCP)	Sh. P. Bala Kiran (IAS), CEO, SCTL
21	SCTL/PMC/IMPL/Info-kiosks/15	21-Oct-19	Contractor's Running Account Bill No. 1	Dr. Sanoop Gopikrishna GM- SCTL
22	SCTL/PMC/PD/DPR-07/P2e	16-Nov-19	Revised DPR SUBMISSION: Redesign of Bus Stops with Wi-Fi Hotspot Facilities' (ICT Documents for 35 locations)	Sh. P. Bala Kiran (IAS), CEO, SCTL
23	PMC/PD/PP/DPR/08d	19-Nov-19	Submission of Detailed Project Report - Redevelopment of Palayam Market (ICT Components) (under Land Use Efficiency Module in SCP)	Sh. P. Bala Kiran (IAS), CEO, SCTL
24	PMC/PD/PP/DPR/09a	20-Nov-19	Submission of Revised Draft Detailed Project Report- Integrated City Management Control Center (ICMCC)	Sh. P. Bala Kiran (IAS), CEO, SCTL
25	SCTL/PMC/PD/RFP-03e	21-Nov-19	REQUEST FOR PROPOSAL SUBMITED FOR TENDER- 'Interactive Information Kiosks and display boards and WIFI in ABD area' (IT work)	Sh. P. Bala Kiran (IAS), CEO, SCTL
26	SCTL/PMC/IMPL/Info-kiosks/16	21-Nov-19	Construction of buildings for fixing Information Kiosks at 2 locations, Gandhi Park and TMC Sub: Delay in Completion of Work	Dr. Sanoop Gopikrishna GM- SCTL
27	SCTL/PMC/IMPL/Info-kiosks/17	22-Nov-19	Construction of Buildings for fixing Information Kiosk at 2 locations Sub: Extension of Performance Guarantee validity	Dr. Sanoop Gopikrishna GM- SCTL
28	SCTL/PMC/IMPL/PT-Ph1/15	22-Nov-19	Upgradation of Public Toilets at 6 locations - Extension of Performance Guarantee validity	Dr. Sanoop Gopikrishna GM- SCTL
29	SCTL/PMC/PD/PP/DPR-03j	22-Nov-19	Submission of Revised Electrical Design and Estimate - OPEN AIR THEATRE AT PUTHARIKANDAM MAIDANAM for TS (under Land Use Efficiency Module in SCP).	Dr. Sanoop Gopikrishna GM- SCTL
30	SCTL/PMC/IMPL/OpenGym/16	23-Nov-19	Installation of Open Gym and Child play Equipment in parks and open spaces - Extension of Performance Guarantee Validity	Dr. Sanoop Gopikrishna GM- SCTL
31	SCTL/PMC/IMPL/Anganwadis/11	23-Nov-19	Upgradation of Anganwadi at 3 Locations - Insurance Policies and Certificates - Reminder 1	Dr. Sanoop Gopikrishna GM- SCTL
32	SCTL/PMC/PD/PP/DPR-06f	25-Nov-19	: REVISED DETAILED PROJECT REPORT SUBMISSION – Heritage Trails & Walks project (under Cultural Identity & Heritage Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL

S.N	Letter No	Date	Subject	Address to
33	PMC/PD/PP-2/DPR/04b	25-Nov-19	Submission of Revised Estimate (Civil) - Phase - III – Underground ducting of utilities: Smart Road – (Urban Basic Services SCP Module)	Sh. P. Bala Kiran (IAS), CEO, SCTL
34	SCTL/PMC/PD/PP/RFP-03a	27-Nov-19	SUBMISSION OF REVISED DRAFT NIT AND REQUEST FOR PROPOSAL FOR TENDER: Open Air Theatre at Putharikandam Maidanam (under Land Use Efficiency Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
35	PMC/PD/PP/DPR/08e	27-Nov-19	Submission of Addendum Report - Redevelopment of Palayam Market (under Land Use Efficiency Module in SCP)	Sh. P. Bala Kiran (IAS), CEO, SCTL
36	SCTL/PMC/PD/85	27-Nov-19	Smart Road Project – CBR Testing of Soil samples – Regarding	The Head of the Department (Civil) ,College of Engineering Trivandrum
37	PMC/PD/PP-2/DPR/07a	28-Nov-19	Submission of Revised Detailed Estimate - Phase – IV (Corporation Roads in Fort area & other wards) – Underground ducting of utilities: Smart Road – (Urban Basic Services SCP Module)	Sh. P. Bala Kiran (IAS), CEO, SCTL
38	SCTL/PMC/PD/86	28-Nov-19	Mitigation of flooding in City-O&M strategy- Anantha II Project-Smart city Project	Dr. Sanoop Gopikrishna GM- SCTL
39	SCTL/PMC/EXE/Anganwadis/01	28-Nov-19	Upgradation of Anganwadis – Monthly Progress Report (Execution) for August 2019 and September 2019	Dr. Sanoop Gopikrishna GM- SCTL
40	SCTL/PMC/EXE/Bus-Shelter/01	28-Nov-19	Redesign of Bus Stops – Monthly Progress Report (Execution) for June 2019, July 2019, August 2019 and September 2019	Dr. Sanoop Gopikrishna GM- SCTL
41	SCTL/PMC/EXE/Open-Gym/01	28-Nov-19	Linked Green Activity Zones – Open Gym – Monthly Progress Report (Execution) for June 2019, July 2019, August 2019 and September 2019	Dr. Sanoop Gopikrishna GM- SCTL
42	SCTL/PMC/EXE/Info-Kiosk/01	28-Nov-19	Interactive Information Kiosks & Display Boards– Monthly Progress Report (Execution) for June 2019, July 2019, August 2019 and September 2019	Dr. Sanoop Gopikrishna GM- SCTL
43	SCTL/PMC/EXE/PT-Ph-I/01	28-Nov-19	Upgradation of Existing Public Toilets – Monthly Progress Report (Execution) for June 2019, July 2019, August 2019 and September 2019	Dr. Sanoop Gopikrishna GM- SCTL
44	SCTL/PMC/IMPL/PT-Ph1/16	29-Nov-19	Upgradation of Public Toilets at 6 locations - Delay in Completion – Show Cause notice	Dr. Sanoop Gopikrishna GM- SCTL
45	PMC/PD/PP/DPR/10	29-Nov-19	Submission of Detailed Project Report - VENDING ZONES IN SMART CITY ABD AREA (under Socio-Economic Inclusiveness Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
46	SCTL/PMC/PD/RFP-03f	29-Nov-19	REVISED REQUEST FOR PROPOSAL SUBMITED FOR TENDER- 'Interactive Information Kiosks and display boards and WIFI in ABD area' (IT work)	Sh. P. Bala Kiran (IAS), CEO, SCTL
47	SCTL/PMC/IMPL/OpenGym/17	27-Nov-19	Installation of Open Gym & Child Play Equipment in Parks and Open Spaces Sub: Contractor's Running Account Bill No. 1	Dr. Sanoop Gopikrishna GM- SCTL
48	SCTL/PMC/PD/PP/RFP-03b	30-Nov-19	SUBMISSION OF REVISED DRAFT NIT AND REQUEST FOR PROPOSAL FOR TENDER: Open Air Theatre at Putharikandam Maidanam (under Land Use Efficiency Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
49	PMC/PD/PP2/DPR/06c	30-Nov-19	Submission of Project deliverable – Revised Detailed Project Report for TS- Adaptive Traffic Control System	Sh. P. Bala Kiran (IAS), CEO, SCTL

S.N	Letter No	Date	Subject	Address to
50	SCTL/PMC/IMPL/Bus-Stops/27	30-Nov-19	Redevelopment of Bus Queue Shelters at 6 Identified Locations – Contractor's Running Account No. 1, Approval of rates for Quantities exceeding 25% of BoQ	Dr. Sanoop Gopikrishna GM- SCTL

6 STATUS OF PROJECT NOCS RECEIVED AND PENDING:

Details of Smart City ABD project sites and smart roads NoCs (No Objection Certificates) status are indicated in below table.

Table 10: Status of project NoCs for ABD Projects (as on 30th November 2019)

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
1	MLCPs cum Commercial Complexes (4 Nos.)	1. Palayam market (1.35 Acres)	TRIDA	Ward 27	NO	
		2. Sri Chithra Thirunal Park (0.6 Acres)- Located in front of the Sre Chithra Park and adjacent to the Taluk Offices	TMC	Ward 81	NO	
		3. Chalai (2.5 Acres)- Located along the Attakulangara Bypass and opposite to the Karimadom Colony.	KSRTC	Ward 71	NO	
		4. Near the Railway Station and Bus stand (0.64 Acres)- Located Opposite to the Thampanoor Railway station building and adjacent to the flyover leading to Chenthitta	TMC	Ward 71	NO	
2	Cultural streets - (Manveeyam Veedhi)	Manaveeyam Veedhi - Palayam	TMC, PWD, KELTRON, KSEB, KWA, Tourism Dept and DTPC, BSNL	Ward 27	NO	
3	ICCC	Trivandrum Corporation	TMC	Ward 27	NO	
4	OAT at Putharikandam Maidanam	Chalai	TMC	Ward 71	YES* To confirm whether this NOC covers construction of features other than OAT,	05.04.2019
5	Redevelopment of Palayam Market	Palayam	TMC, TRIDA, Town Planning Dept, Town Vending Committee, Arts and Heritage Commission, Fire Dept, Pollution Control Board, KSEB, KWA, PWD, Mining and Geology Dept	Ward 27	NO	
6	Reconstruction of Existing Public Toilets	Beside Padmanabha Theatre, Chalai	TMC	Ward 71	YES	12.06.2019
		Near New Theatre, Thampanoor	TMC	Ward 81	YES	12.06.2019
		East Fort North Bus Stand	TMC	Ward 80	YES	12.06.2019
7		TMC Boundary	TMC - LAND OWNER Sulabh - O&M Agency	Ward 27	YES	05.04.2019

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
7	Upgradation of Existing Public Toilets	Putharikkandom		Ward 71	YES	05.04.2019
		Thampanoor		Ward 81	"NOC FROM TMC BUT SULABH IS STILL OCCUPYING AND NO HANDOVER OF SITE"	05.04.2019
		Vanchiyoor		Ward 82		05.04.2019
		KSRTC Outgate	KSRTC - LAND OWNER KTDFC - O&M Agency	Ward 81	"NOC FROM KSRTC BUT KTDFC IS STILL OCCUPYING AND NO HANDOVER OF SITE"	28.11.2018
		KSRTC Ingate		Ward 81		28.11.2018
8	Phase 1: Linked Green Activity Zones- Integrated Development - Installation of Open Gym Equipment and Children's play equipment	Shri Chithira Thirunal Park	TMC	Ward 81	YES	27.03.2019
		Sreekanteswaram Park	TMC	Ward 81	YES	27.03.2019
		Gandhi Park	TMC	Ward 71	YES	27.03.2019
	Phase 2 : Linked Green Activity Zones- Integrated Development of Parks	Sree Kandeswaram Park	TMC	Ward 83	NO	
		Ponara Sreedhar Park	TMC	Ward 81	NO	
	Phase 3 : Linked Green Activity Zones- Integrated Development of parks	Gandhi Park	TMC		NO	
		Shri Chithira Thirunal Park	TMC	Ward 81	NO	
		Children's Park on LMS Vellayambalam Road	KWA		NO	
9	Sustainable Campuses - Rainwater Harvesting - Phase 1	Thiruvananthapuram Municipal Corporation Office	TMC	Ward 27	NO	
		Government Women's College	Government Women's College	Ward 28	NO	
10	Sustainable Campuses - Solar Rooftop Phase 1	Government College for Women	Government College for Women		YES	07.09.2019
		Kerala University Library	University of Kerala		YES	25.10.2018
		State Central Library	State Central Library		YES	14.09.2018
		Government Central High School	Government Central High School		YES	12.09.2019
		Kerala Legislative Assembly	Kerala Legislative Assembly Secretariat		YES	21.11.2018
		Bus Terminal Complex	KTDFC		YES	02.04.2019

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
10	Sustainable Campuses - Solar Rooftop Phase 2	Travancore Dewasom Board Building	Kerala Dewasom Recruitment Board		YES	14.02.2019 (TDB) 09.07.2019 (Kerala Dewasom Recruitment Board)
		Fire and Rescue Head Office	Fire and Rescue Head Office		YES	02.11.2019 NoC signed by Director General, Fire and Rescue Services
		KTDFC Main Head Office	KTDFC		NO	
11	Heritage Trails and Walks- Façade, Wall Painting and Floor Marking	Manaveeyam Veedhi	KRB,PWD, Tourism Department, Department of Arts and Crafts, State Archeological Department, Repetitive Heritage Building Owners	Ward 27	NO	
		Kanakakunnu palace			NO	
		Napier Museum			NO	
		Matree Memorial Church			NO	
		Kerala State Legislative Assembly			NO	
		Chandra Shekhar Nair Stadium			NO	
		St.Joesph's Metropolitan Church			NO	
		Juma Masid			NO	
		Connemara Market			NO	
		VJT hall			NO	
12	Vending zones	Secretariat			NO	
		Locations not identified			NO	
13	Last Mile Connectivity - E Autos	KSRTC Thampanoor prepaid auto stand	MVD, KRB	Ward 81	NO	
		Thampanoor Central Railway station prepaid auto stand	MVD, Railway	Ward 71	NO	
		Gandhi Park prepaid auto stand	MVD, PWD	Ward 71	NO	
	Last Mile Connectivity - E Autos - Public Bike Sharing	Manaveeyam veedhi	PWD	Ward 27	NO	
		In front of museum	KRB	Ward 27	NO	
		In front of Kalyan Silks	TMC	Ward 27	NO	
		Martyrs column	KRB	Ward 27	NO	
		University College	PWD	Ward 27	NO	
		Women's College back gate	TMC	Ward 29	NO	
		Panavila (Kalabhavan Mani road)	TMC	Ward 29	NO	
		In front of Gandhi Bhavan	PWD	Ward 28	NO	
	Last Mile Connectivity - E Autos - Public Bike Sharing	KSRTC Terminal	KSRTC	Ward 81	NO	
		Thampanoor Corporation parking	TMC	Ward 81	NO	
		Inside Gandhi Park	TMC	Ward 71	NO	
		Near Taluk office road/ Sree Chithira Thirunal Park	TMC	Ward 80	NO	
		Ayurveda College Junction	KRB	Ward 82	NO	

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
		In front of Sreekandeshwaram temple	KRFB	Ward 83	NO	
		Statue Junction	KRFB	Ward 81	NO	
		Near Killipalam bus stop	PWD&NH	Ward 71	NO	
		Near Shri Shankaracharya university	TMC	Ward 82	NO	
14	Phase 1 Redesign of Bus Stops with Wi-Fi Hotspot Facilities	Women's College bus stop	PWD	Ward 28	NO	
		Panavila bus stop	KRFB	Ward 29	YES	01.12.2018
		Killipalam bus stop along model boys school	PWD-NH	Ward 43	YES	19.08.2019
		Killipalam bus stop opp. model boys school	PWD-NH	Ward 71	YES	19.08.2019
		Railway station bus stop	KRFB,KSRTC	Ward 71	YES	16.01.2019 (KSRTC) 11.10.2019 (KRFB)
		Ayurveda College bus stop	KRFB	Ward 82	YES	01.12.2018
15	Phase 2Redesign of Bus Stops with Wi-Fi Hotspot Facilities	Vazhuthacaud Bus Stop near Police HQ	PWD	Ward 29	NO	
		Vazhuthacaud Bus Stop near Near Juma Masjid	PWD	Ward 29	NO	
		Kalabhavan Bus Stop	PWD	Ward 29	NO	
		Vazhuthacaud Bus Stop near Near Annie Mascrene Square-Thycaud	PWD	Ward 28	NO	
		Mettukada Junction Bus Stop - Thycaud	PWD	Ward 28	NO	
		Thycaud Bus Stop near W&C Hospital	PWD	Ward 28	NO	
		Thycaud Bus Stop opposite W&C Hospital	PWD	Ward 28	NO	
		Aattakulangara Junction	PWD	Ward 71	NO	
16	Integrated Social Housing Complex- Slum HHs	Chengalchola	TMC	Ward 81	NO	
		Poundukulam	TMC	Ward 28	NO	
		Chhirakulam	TMC	Ward 82	NO	
17	Interactive Information Kiosks and Display Boards	Corporation Campus	TMC	Ward 27	YES	27.03.2019
		Gandhi Park	TMC	Ward 71	YES	27.03.2019
		KSRTC Bus Terminal	KTDFC		YES	24.07.2019
		Museum Bus Stop in LMS Vellayambalam Rd	PWD	Ward 27	NO	
		Inside Museum main gate	KRFB	Ward 27	NO	
	Drinking Water Fountain	Manaveeyam Veedhi Road	PWD	Ward 27	NO	
		Bus shelter near women's college	PWD	Ward 28	NO	
		Mettukada junction, Near parking area	PWD	Ward 27	NO	

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
		Women & Child Hospital in Thycaud	PWD	Ward 28	NO	
		New Amenity centre at Chalai	PWD	Ward 71	NO	
		Smart bus shelter at Killipaalam	PWD	Ward 43	NO	
		Inside Gandhi Park, MG Rd	KRFB, PWD	Ward 71	NO	
		Inside Sub Registrar office premises, S Street Rd	PWD	Ward 80	NO	
		Near Fort Hospital, Thakaraparambu Rd	KRFB	Ward 80	NO	
		Inside GH premises	PWD	Ward 82	NO	
		Trivandrum Municipal Corporation premises	KRFB	Ward 27	NO	
		Palayam Market entrance	KRFB	Ward 27	NO	
		Inside Model school premises	PWD	Ward 28	NO	
		Inside Sree Nila theatre	TMC	Ward 28	NO	
		Central Railway Station 2, Thampanoor Junction	KRFB	Ward 81	NO	
		Thampanoor- Integrated with smart bus shelter	TMC, KRFB	Ward 71	NO	
		East Fort Bus Stand 1, MG Rd	KRFB	Ward 71	NO	
		East Fort Bus Stand 2, MG Rd	KRFB , PWD	Ward 71	NO	
		Bus stop Ayurvedic college jn.	KRFB	Ward 82	NO	
		Smart bus shelter at Panavila	KRFB, TMC	Ward 29	NO	
		Inside Government Secretariat premises	KRFB	Ward 81	NO	
		Inside University College	PWD, KRFB	Ward 27	NO	
		Bus stop opposite to Zam Zam	KRFB	Ward 27	NO	
18	Upgradation of Anganwadis and Public Health Centers	Centre No.63- Rajaji Nagar, Chegalchoola (Anganwadi)	TMC and Women & Child Development Department (ICDS)	Ward 81	YES	23.02.2019 (ICDS)
		Centre No.61 Thampanoor UP School (Anganwadi)		Ward 81	YES	22.07.2019 (TMC)
		Centre No 60. Fort Sanskrit School (Anganwadi)		Ward 80	YES	22.07.2019
		Rajaji Nagar - Thampanoor (PHC)	District Medical Officer- Thiruvananthapuram and TMC	Ward 81	YES (From TMC) Not yet from DMO.TVM	28.10.2019 (From TMC)
19	Heritage Conservation (Temple Tank)	Puthenchantha Balasubrahmanya Temple Pond	Travancore Devaswom Board,TMC,KWA,KSEB,BSNL	Ward 81	YES	01.07.2019(From TDB)
		Sree Kandeswaram Pond		Ward 83	YES	01.07.2019(From TDB)
20	Urban Street Haat - Charithra Veedhi	Charithra Veedhi	TMC, KSRTC,Handicrafts Development Corporation of Kerala Limited,Department of Tourism,State Archelogy	Ward 80	NO	

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
			Department,Department of Cultural Affairs, KSEB			
21	Integrated Centralised Command Control Center (ICCC)	Corporation campus of Trivandrum	TMC, KWA, KSRTC, IT Mission/IKM	Ward 27	YES (From TMC only)	28.10.2019 (From TMC)

Table 11: Status of NoCs for Smart Roads in ABD area (as on 30th November 2019)

S.NO	LOCATIONS PHASEWSE	WARD	DEPARTMENT	STATUS OF NOC		DATE
				YES	NO	
PHASE 1 - 1.20 KM						
1	Manaveeyam Road	Ward No. 27	PWD	YES		07.09.2019
2	East Fort - Killipalam (Chalai Market Road)	Ward No. 71	PWD	YES		07.09.2019
PHASE 2 - 7.71 KM						
1	Kothuval Street	Ward No. 71	TMC	YES		16.05.2019
2	KK Road	Ward No. 71	TMC	YES		16.05.2019
3	Marakkada Road	Ward No. 71	TMC	YES		16.05.2019
4	Pazhayasalai Road	Ward No. 71	TMC	YES		16.05.2019
5	Pumping Station Road	Ward No. 71	TMC	YES		16.05.2019
6	C V Raman Pillai Road (Althara Jn. to Mettukkada Jn.)	Ward No. 27	PWD	YES		07.09.2019
7	Mettukkada Jn to Chenthitta Jn.	Ward No. 27	PWD	YES		07.09.2019
8	Killipalam Jn. To Attakulangara Jn	Ward No. 71	PWD	YES		07.09.2019
9	Aryasala Road	Ward No. 71	PWD	YES		07.09.2019
10	Kalyan Hospital to Therakom	Ward No. 71	PWD	YES		07.09.2019
11	Mettukkada Jn to Chenthitta Jn.	Ward No. 27	PWD	YES		07.09.2019
12	DDE Office Jn. to Killipalam Jn. - NH Division	Ward No. 43	PWD	YES		07.09.2019
13	Chenthitta Jn. To DDE Jn. - NH Division	Ward No. 43	PWD	YES		07.09.2019
PHASE 3 - 16.05 KM						
1	WestNada Azhikoota Road	Ward No. 80	PWD	YES		07.09.2019
2	Court Jn to General Hospital Jn.	Ward No. 82	PWD	YES		07.09.2019
3	Museum Nandavanam Road	Ward No.27	TRDCL	NO		
4	Palayam Jn. to MelaPazhavangadi Jn	Ward No.27	TRDCL	NO		
5	Underpass to Bakery Junction	Ward No.27	TRDCL	NO		
6	Azhikoota Jn.to Kothalam Jn.	Ward No.80	TRDCL	NO		
7	Corridor 3 : Museum-Bakery Jn-Thampanoor-OverBridge (incl Flyover & Underpass)	Ward No.81	TRDCL	NO		
8	Vanross Ottukuzhy Road	Ward No.81	TRDCL	NO		
9	Corridor 7: Vanross-Oottukuzhy-Secretariat	Ward No.81	TRDCL	NO		
10	Thakaraparambu Road	Ward No.83	TRDCL	NO		
11	Powerhouse Road	Ward No.71	TRDCL	NO		
12	MelePazhavangadi Jn. to Attakulangara Jn.	Ward No.80	TRDCL	NO		

13	Punnapuram Jn. to Uppidamoodu Bridge	Ward No.83	TRDCL	NO	
14	RR Lamp-CDAC Junction	Ward No.27	TRDCL	NO	
15	Palayam Jn. to RR Lamp	Ward No.27	TRDCL	NO	
16	Fort Hospital to Thakaraparambu Road	Ward No.83	TRDCL	NO	
17	SreeKanteswaram Park to Uppidamoodu Bridge	Ward No.83	TRDCL	NO	
18	Uppidamoodu Bridge to Court Jn.	Ward No.83	TRDCL	NO	
19	Eanchakkal Fort Hospital Road	Ward No.83	TRDCL	NO	
20	General hospital to Palayam Jn.	Ward No.27	TRDCL	NO	
21	Attakulangara to Azhikoota Jn.	Ward No.80	TRDCL	NO	

PHASE 4 -23.68 KM					
1	Observatory Lane	Ward No.27	TMC	YES	16.05.2019
2	Lenin Nagar Road	Ward No.27	TMC	YES	16.05.2019
3	CHH Lenin Road	Ward No.27	TMC	YES	16.05.2019
4	Nandavanam Palayam Road	Ward No.27	TMC	YES	16.05.2019
5	Public Library Nandavanam Road	Ward No.27	PWD	YES	07.09.2019
6	Thycaud Police Ground Road	Ward No.28	TMC	YES	16.05.2019
7	Keezhe Thampanoor Road	Ward No.28	TMC	YES	16.05.2019
8	Jagathy Kannettumukku Valiasala Road	Ward No.43	TMC	YES	16.05.2019
9	Kothalam Jn. To West Fort	Ward No.80	TMC	YES	16.05.2019
10	Dharmalayam Road	Ward No.81	TMC	YES	16.05.2019
11	Pazhavangadi - Uppidammodu	Ward No.82 and 83	TMC	YES	16.05.2019
12	Thamman Street	Ward No.80	TMC	YES	16.05.2019
13	Ayya Vadhiyar Road	Ward No.80	TMC	YES	16.05.2019
14	Kothalam Road	Ward No.80	TMC	YES	16.05.2019
15	Taluk Office Road	Ward No.80	TMC	YES	16.05.2019
16	Chothupurai Street	Ward No.80	TMC	YES	16.05.2019
17	Palla Theervu	Ward No.80	TMC	YES	16.05.2019
18	West Nada	Ward No.80	TMC	YES	16.05.2019
19	Deekshithar Street	Ward No.80	TMC	YES	16.05.2019
20	Kallampalli Street	Ward No.80	TMC	YES	16.05.2019
21	Fort East Fort Road	Ward No.80	TMC	YES	16.05.2019
22	Road Inside Fort	Ward No.80	TMC	YES	16.05.2019
23	Road Inside Fort	Ward No.80	TMC	YES	16.05.2019
24	Road Inside Fort	Ward No.80	TMC	YES	16.05.2019
25	Road Inside Fort	Ward No.80	TMC	YES	16.05.2019
26	Road Inside Fort	Ward No.80	TMC	YES	16.05.2019
27	Road Inside Fort	Ward No.80	TMC	YES	16.05.2019
28	Padmavilasam Street	Ward No. 83	TMC	YES	16.05.2019
29	Road Inside Fort	Ward No.80	TMC	YES	16.05.2019
30	Justice Sankaranarayana Street	Ward No.83	TMC	YES	16.05.2019
31	Pazhavangadi - Uppidammodu	Ward No.82 and 83	PWD	YES	07.09.2019
32	Forest Office Junction - Bakery Junction Road	Ward No.29	PWD	YES	07.09.2019
33	Drainage Road Connecting Observatory to Nandavanam	Ward No.27	PWD	YES	07.09.2019
34	Spencer Bakery - Vazuthacaud	Ward No.29	PWD	YES	07.09.2019
35	Karunakaran Sapthathi Road	Ward No.27 and 81	PWD	YES	07.09.2019
36	SS Kovil Road	Ward No.81	PWD	YES	07.09.2019

37	Rose House Panavilla Road	Ward No.28 and 29	PWD	YES	07.09.2019
38	Around Residency	Ward No.28	PWD	YES	07.09.2019
39	Bakery Womens College Road	Ward No.29	PWD	YES	07.09.2019
40	Pazhavangadi - Uppidammodu (Canal Road)	Ward No.82 and 83	PWD	YES	07.09.2019
41	Manjalkulam Road	Ward No.81	PWD	YES	07.09.2019
42	Aristo Road	Ward No.28	PWD	YES	07.09.2019
43	Punnen Road	Ward No.81	PWD	YES	07.09.2019
44	Pulimoodu Residency Road	Ward No.81	PWD	YES	07.09.2019
45	Overbridge Collectorate Uppidamoodu Junction	Ward No.82	PWD	YES	07.09.2019
46	Pulimoodu-Uppidamoodu (Ambujavilasam Road)	Ward No.82	PWD	YES	07.09.2019
47	Ayurveda College - Old GPO Kunnumpuram	Ward No.82	PWD	YES	07.09.2019
48	Statue-General Hospital-Vanchiyoor	Ward No.82	PWD	YES	07.09.2019
49	Ayurveda College - Chettikulangara	Ward No.82	PWD	YES	07.09.2019
50	Kochar Road to DDE Office Junction	Ward No.43	PWD	YES	07.09.2019
51	West Fort-Ponnapuram-Kaithamukku Road	Ward No.80 and 83	PWD	YES	07.09.2019

PHASE 5 - 23KM					
1	Bodheswaran Road	Ward No.27	TMC	YES	16.05.2019
2	CHH Road	Ward No.27	TMC	YES	16.05.2019
3	Forest Office Lane	Ward No.27	TMC	YES	16.05.2019
4	Forest Office Lane	Ward No.27	TMC	YES	16.05.2019
5	CHH Road	Ward No.27	TMC	YES	16.05.2019
6	Forest Office Lane E	Ward No.27	TMC	YES	16.05.2019
7	Observatory Lane	Ward No.27	TMC	YES	16.05.2019
8	Link Road Number 1	Ward No.27	TMC	YES	16.05.2019
9	Link Rd Number 2	Ward No.27	TMC	YES	16.05.2019
10	Vanross Jacobs Junction Road	Ward No.27	TMC	YES	16.05.2019
11	Puneen Road	Ward No.81	TMC	YES	16.05.2019
12	Forest Office Lane	Ward No.81	TMC	YES	16.05.2019
13	Palayam Market Road	Ward No.27	TMC	YES	16.05.2019
14	Vanross Jacob Junction Road	Ward No.27	TMC	YES	16.05.2019
15	Palayam Nandavanam Panchapura Road	Ward No.27	TMC	YES	16.05.2019
16	Forest Office to Bakery Junction	Ward No.29	TMC	YES	16.05.2019
17	Forest Office to Bakery Junction	Ward No.29	TMC	YES	16.05.2019
18	New Theatre Road	Ward No.28	TMC	YES	16.05.2019
19	Forest Office to Bakery Junction	Ward No.27	TMC	YES	16.05.2019
20	Oottukuzhy Panavilla Road	Ward No.28	TMC	YES	16.05.2019
21	Gandhi Bhavan Road	Ward No.28	TMC	YES	16.05.2019
22	Aristo Junction Thampanoor Road	Ward No.28	TMC	YES	16.05.2019
23	Shanti Nagar Road	Ward No.81	TMC	YES	16.05.2019
24	Kattor Road	Ward No.28	TMC	YES	16.05.2019
25	Oottukuzhy Bakery Junction Road	Ward No.29	TMC	YES	16.05.2019
26	S & J Road	Ward No.29	TMC	YES	16.05.2019
27	Womens College Road	Ward No.29	TMC	YES	16.05.2019
28	Nandavanam Road	Ward No.29	TMC	YES	16.05.2019
29	Valiasala Street	Ward No.43	TMC	YES	16.05.2019
30	Chentita Street	Ward No.43	TMC	YES	16.05.2019

31	Chinnachalai Street	Ward No.43	TMC	YES	16.05.2019
32	Sree Chitra Road	Ward No.43	TMC	YES	16.05.2019
33	Mithranandapuram Lane	Ward No.80	TMC	YES	16.05.2019
34	Eanchakal West Fort Road	Ward No.80	TMC	YES	16.05.2019
35	Housing Board Thampanoor Road	Ward No.81	TMC	YES	16.05.2019
36	Thyvilla Road	Ward No.81	TMC	YES	16.05.2019
37	Santhi Nagar Road	Ward No.81	TMC	YES	16.05.2019
38	Statue Road	Ward No.81	TMC	YES	16.05.2019
39	Seceratariat East Residents Association Road	Ward No.81 and 29	TMC	YES	16.05.2019
40	Mele Road	Ward No.81	TMC	YES	16.05.2019
41	Sreemoolam Road	Ward No.81	TMC	YES	16.05.2019
42	Prashanti Nagar Road	Ward No.81	TMC	YES	16.05.2019
43	Mele Road	Ward No.81	TMC	YES	16.05.2019
44	Santhi Nagar Road	Ward No.81	TMC	YES	16.05.2019
45	Santhi Nagar Road	Ward No.81	TMC	YES	16.05.2019
46	Purna Lane	Ward No.81	TMC	YES	16.05.2019
47	Shanti Nagar Press Road	Ward No.81	TMC	YES	16.05.2019
48	Shanti Nagar Press Road	Ward No.81	TMC	YES	16.05.2019
49	SIDCO Back Road	Ward No.81	TMC	YES	16.05.2019
50	Joint Road SS Kovil Thampanoor Road	Ward No.81	TMC	YES	16.05.2019
51	Sunny Meads Lane	Ward No.27	TMC	YES	16.05.2019
52	Sunny Meads Lane	Ward No.27	TMC	YES	16.05.2019
53	Pulimoodu Residency	Ward No.81	TMC	YES	16.05.2019
54	Mathruboomi Road	Ward No.82	TMC	YES	16.05.2019
55	Tutors Lane, GPO Ln	Ward No.82	TMC	YES	16.05.2019
56	Uppalam Road	Ward No.82	TMC	YES	16.05.2019
57	Ex.Mayor R.Balakrishnan Road	Ward No.82	TMC	YES	16.05.2019
58	Ex Mayor R Balakrishnan Nair Road	Ward No.82	TMC	YES	16.05.2019
59	Chirakkulam Road	Ward No.82	TMC	YES	16.05.2019
60	District Employment Exchahnge Road	Ward No.82	TMC	YES	16.05.2019
61	Uppalam GPO Lane Road	Ward No.82	TMC	YES	16.05.2019
62	Chirakkulam Road	Ward No.82	TMC	YES	16.05.2019
63	Dr Chandrasekaran Nair Road	Ward No.83	TMC	YES	16.05.2019
64	VJT Hall Flyover Road	Ward No.27	PWD	YES	07.09.2019
65	SMSM Institute Government Press Road	Ward No.81	PWD	YES	07.09.2019
66	Palayam Nandavanam Panchapura Road	Ward No.27	PWD	YES	07.09.2019
67	Mettukada Jn. to Kochar Road	Ward No.28 and 43	PWD	YES	07.09.2019
68	Thycaud House Keezhe Thampaboor Road	Ward No.28	PWD	YES	07.09.2019
69	Oottukuzhy Housing Board Road	Ward No.28	PWD	YES	07.09.2019
70	Kannettumukku Mettukada	Ward No.28 and 43	PWD	YES	07.09.2019
71	New Theatre Road	Ward No.28	PWD	YES	07.09.2019
72	Kripa Theatre-Ajantha Theatre-Central Theatre Road	Ward No.71	PWD	YES	07.09.2019
73	Kripa Theatre-Ajantha Theatre-Central Theatre Road	Ward No.71	PWD	YES	07.09.2019
74	Karippukoikkal Street	Ward No.80	PWD	YES	07.09.2019
75	Statue General Hospital Uppidamoodu (Chirakkulam) Road	Ward No.82	PWD	YES	07.09.2019
76	Spencer Gashouse Jn	Ward No.27	PWD	YES	07.09.2019

Status of NoCs for ADAPTIVE TRAFFIC CONTROL SYSTEM (ATCS) in ABD area (as on 30th November 2019)

S.N	Locations	Ward Number	Department	Status of NOC	Remarks
1	Medical College Jn	Ward Number 17			
2	GG Hospital	Ward Number 16			
3	Pottakkuzhi	Ward Number 17			
4	Pattom	Ward Number 17			
5	Plamoodu	Ward Number 25			
6	PMG	Ward Number 25			
7	Mascot Hotel	Ward Number 25			
8	War Memorial	Ward Number 27			
9	Palayam	Ward Number 27			
10	VJT Hall	Ward Number 27			
11	Statue South	Ward Number 81			
12	Statue Middle	Ward Number 81			
13	Statue North	Ward Number 81			
14	Pulimoodu	Ward Number 81			
15	Ayurveda College	Ward Number 82			
16	Overbridge	Ward Numbers 81,82,83			
17	Pazhavangadi	Ward Number 80			
18	East Fort	Ward Number 80			
19	Vettimurichakotta	Ward Number 80			
20	Attakulangara	Ward Number 80			
21	Peroorkkada	Ward Number 31			
22	Ambalamukku	Ward Numbers 31,24			
23	Kowdiar	Ward Numbers 24,23			
24	Vellayambalam	Ward Number 23,24,27,			
25	Keltron House	Ward Number 27			
26	Museum	Ward Number 27			
27	Corporation	Ward Number 27			
28	L M S Jn	Ward Number 27			
29	Althara Jn	Ward Number 27			
30	SMC Jn	Ward Number 29			
31	Vazhuthacaud	Ward Number 29			
32	Xanadu(Womens College)	Ward Number 28,29			
33	Panavila	Ward Number 28,29			
34	Model School	Ward Number 28			
35	Thampanoor	Ward Number 81			
36	RMS Jn, Thampanoor	Ward Number 81			
37	Asan Square	Ward Number 27			
38	AKG Center Jn	Ward Number 26,27			
39	General Hospital	Ward Number 82,94			
40	Pattoor	Ward Number 82,94			
41	Nalumukku	Ward Number 85			
42	Pallimukku	Ward Number 93,94			
43	Petta	Ward Number 93			
44	Chackai	Ward Number 86			
45	Killipalam	Ward Number 71,43			
46	Choorakkattupalayam	Ward Number 71			
47	Uppidamoodu	Ward Number 82,83			
48	Vanchiyoor	Ward Number 82			
49	Bakery	Ward Number 29,27			
50	Jagathy	Ward Number 44			
51	Edappazhini Jn	Ward Number 29,22			

KRB,PWD,KERALA
POLICEYES ;
FROM POLICE
DEPARTMENT
(23.09.2019)Pending from other
departments

7 DEPARTMENTS/ORGANISATIONS CONSULTED

For better existing situation assessment, feasibilities, addressing key concerns, planning and designing of smart city projects under PMC scope, till the month of November 2019, PMC team consulted following departments for their inputs and support to PMC team in implementation of Thiruvananthapuram Smart City projects.

Table 12: Key Contacts of Departments/Organisations Consulted till November 2019.

Sn	Name	Designation	Department
1	A K Moideen	Minister	Ministry of LSGD
2	Durga Sankher Mishra	Secretary	Ministry of Housing and Urban Affairs
3	P Balakiran IAS	CEO	SCTL
4	Adv. V K Prashanth	Mayor	Thiruvananthapuram Municipal Corporation (TMC)
5	Lokanath Behera (IPS)	DGP – State Police Chief	Police Department
6	A.Padmakumar Ex.MLA	President	Dewasom Board
7	Aadhithya R IPS	Deputy Commissioner of Police, Law & Order, Traffic	Kerala Police
8	Rajesh Kumar Singh	Prinicipal Secretary	PWD
9	Anand Singh IAS	Secretary	PWD
10	G Kamala Vardhana Rao IAS	Prinicipal Secretary	PWD
11	Kori Sanjaykumar Gurudin IPS	Deputy Inspector General of Police	Kerala Police
12	M Sivasankar IAS	IT Secretary	Electronics & IT Department
13	V S Shivakumar	MLA	Kerala Legislative Assembly
14	Afsal	Assistant Engineer	KSEB
15	Aisha Becker	Councillor	Palayam Ward Concillor
16	Ajayakumar S	AEE	KSEB
17	Ajith	Chief Engineer (Vigilance)	Kerala Public Works Department (KPWD)
18	Ajith	Chief Engineer	Thiruvananthapuram Development Authority (TRIDA)
19	Ajith Jose	AE, Palayam Section	Kerala Water Authority - Palayam Division
20	Ajith Kumar	Programme Director	ANERT
21	Ajith Ravindran	CE	TRIDA
22	Ajitha	Executive Engineer	KWA
23	Alangovan	TAC Member	Transport
24	Anand Jalakam	KWA consultants	ABD funded water supply project
25	Anil Kumar	Exec. Director	Kerala State Road Transport Corporation (KSRTC)
26	Anil Kumar	ACP - (North)	Kerala Police Department
27	Anita Deepti	Nodal Officer	ICDS - Women & Child Development Department
28	Anitha Puthiyapurayil	EE	KWA
29	Anju W C	Deputy Town Planner	RTP, DTCP
30	Anoop	A.E (Kuriathy)	Kerala Water Authority (KWA)
31	Anoop	Administrative In Charge	University library
32	Anoop Roy	Health Inspector	Thiruvananthapuram Municipal Corporation (TMC)
33	Arun Chandran	Scientist	National Transportation Planning And Research Centre
34	Asha	Executive Engineer, REES	Kerala State Electricity Board (KSEB)
35	Asha Rani	Deputy Electrical Inspector	Electrical Inspectorate, Trivandrum
36	Ashokan PU	Librarian	State Central Library
37	B. Ganesh		Sieger Parking
38	Babu	Ward Councillor	Vanchiyoor
39	Beena	CE	PWD
40	Bhoopesh	Conservation Engineer	Kerala State Archelogy Department
41	Bijish Ben	P.S to Commissioner	Central Excise & Customs Commissionerate
42	Biju	Exec. Engineer (GIS)	Kerala Public Works Department (KPWD)
43	Bina	Heritage Consultant	
44	Bindu	Sr. Env.Engg	Environmental Sensor (PAN City Project)
45	Bindu	Official	Minor Irrigation Department
46	Biswanath Sinha	Principal Secretary	Govt. Secretariat
47	Boban	Executive Engineer	Thiruvananthapuram Municipal Corporation (TMC)

Sn	Name	Designation	Department
48	Bose	ACP (Telecommunications)	Police Control Room
49	C. K Jiji	Deputy Chief Engineer	LSGD
50	CT Ajithkumar	Project Manager	Agency for Non-conventional Energy and Rural Technology
51	Darlene Carmelita D'Cruz	Chief Engineer	PWD
52	Deepa LS	Secretary	Thiruvananthapuram Municipal Corporation (TMC)
53	Deepthi Bhanu	CEO	KRFB
54	Dilip	Urban Infra Expert	SMMU – AMRUT
55	Dinesh	Town Planner	Thiruvananthapuram Development Authority (TRIDA)
56	Dinesh	Stakeholder	Nizhalattom, Humans, Idom, Pallium
57	Dr Anil	Faculty	CET
58	Dr Chithra	Director	KSITM
59	Dr. Arun	District Programme Manager	National Urban Health Mission (NUHM)
60	Dr. G Vijayalekshmi	Principal	Government Women College,
61	Dr. M Beena, IAS	CEO	Smart City Thiruvananthapuram Limited (SCTL)
62	Dr. Shekhar Lukose Kuriakose	Member Secretary	Kerala State Disaster Management Authority
63	Dr. Elangovan	Director, TAC Member	Kerala Road Safety Authority (KRSA)
64	Dr. Manju V.S	Lab in Charge	CET
65	Dr. Sheela A.M	Senior Environmental Engineer	Kerala State Pollution Control Board
66	Dr. Venu (IAS)	Secretary	Museum Department
67	Ebin Kisto	Urban Planner	AMRUT
68	Geetha Nazir	Stakeholder	Nizhalattom, Humans, Idom, Pallium
69	Geethakumari	Dy.CE Rtd (KSEB)	Kerala Start up Mission
70	Gillitos	Dy.S.P. (Telecom)	Telecom
71	Gireesh	Urban Infrastructure specialist	TMC
72	Giri George	Chief Town Planner	Department of Town & Country planning
73	Gopa Kumar S.P.	Division Head, Keltron Communication Project Group	KELTRON
74	Gopakumar	Official	Minor Irrigation Department
75	Gopalakrishna Pillai	GM	KRFB
76	Gopesh	Conservation Engineer	Archeology Department
77	Hameed	Senior Engineer, Signal Division	KELTRON
78	Hari	(PHEE)	Kerala Water Authority
79	Hari kumar	Technical Assistant (N - Div)	Kerala Water Authority (KWA)
80	Hari Kumar	Director	ANERT
81	Hari N.R	TA	KWA
82	Harikrishanan	Exec. Engineer (IT)	Kerala Water Authority (KWA)
83	Harikumar	Director	Agency for Non-conventional Energy and Rural Technology
84	Harikumar	Asst. Executive Engineer	Public Work Department- Road Sub Division
85	Harikumar	Assistant Engineer	KWA
86	Ilankovan	Director	Kerala Road Safe Authority
87	In-charge	Mosquito Control Dep	TMC-Health
88	ISWAYA	CA to ADIC (G)	District Industries Centre
89	J Jayakumar	Senior Town Planner	Town Planning Department
90	J. Mohan		IT Mission
91	Jacob	Addl. Under Secretary	Kerala Legislative Assembly
92	Jai Kumar	Sanitation Expert	Suchitwa Mission
93	Jain Raj	Headmaster	Central High School
94	Jaya Kumar	ITPI Secretary	Town Planning Department
95	Jaya Lakshmi	Councilor	Thampanoor Ward
96	Jayachandra K	Superintending Engineer	Thiruvananthapuram Municipal Corporation (TMC)
97	Jayakumar	Senior Town Planner	Office of the CTP, DTCP
98	Jayan Babu	Chairman	TRIDA
99	Jeevan Raj	CEO	KRFB
100	Jinraj	PA to Mayor	TMC
101	Jospeh	Chief Engineer	Vaidyuti Bhavan

Sn	Name	Designation	Department
102	Jyothi Mary Chacko	PA TO EE - Assistant Exe. Engineer	EE,MI Division
103	Kala	AEXE REES	Kerala State Electricity Board (KSEB)
104	Karunakaran	Energy Expert	Smart City Kochi PMC
105	KGP Namboothiri	Executive Engineer, TRAC	Kerala State Electricity Board (KSEB)
106	Krishan Kumar	Senior Head	Green Army
107	Krishnakumar	Oversear	PWD-NH
108	Leena	Assistant Engineer	TMC Engineering wing
109	Leena Kumari	Superintending Engineer	Kerala Water Authority (KWA)
110	M K Zulfiqer	ACP- (South)	Kerala Police Department
111	M V Rajan	Corporation Engineer	TMC
112	M.P. Dinesh IPS	Managing Director	KSRTC
113	Maju Balakrishnan	Executive Engineer	Water Resources Department (Minor Irrigation)
114	Manilal	AEE	PWD
115	Manjunath S	SP,Railway	Police Telecommunication Department -
116	Manoj	Assistant Engineer	Corporation Engg. Dept.
117	Manoj	Health Inspector	Thiruvananthapuram Municipal Corporation
118	Manoj Abraham	ADGP	Police Department
119	Manoj B	Mission Coordinator	KSITM
120	Mary	AE	Thiruvananthapuram Municipal Corporation
121	Mary Edne Paul	First Grade Oversser	Thiruvananthapuram Municipal Corporation
122	Maya	Deputy Librarian	University Library
123	Misha SV	Project Manager	IKM
124	Mohammed Ashraf	SE	TMC
125	Mohd. Sharff	Executive Director (Operations)	KSRTC
126	Muthukumar	Assistant Engineer	KWA
127	Nameer. M	Assistant Engineer	LSGD
128	Nandakumar	Stakeholder	Nizhalattom, Humans, Idom, Pallium
129	Nixon	Astt. Engineer	Kerala Water Authority (KWA)
130	P K Shobhana	Librarian	University library
131	P Kumaran	Director KSEB IT & Distribution	KSEB
132	P. Bala Kiran, IAS	CEO	Smart City Thiruvananthapuram Limited (SCTL)
133	Palayam Rajan	Chairperson	Town Planning Standing Committee
134	Pradeep	Nodal Officer	Transport Commissioner Office, MVD, Vazhuthacand
135	Prakash	Stakeholder	Manaveeyam, Tereverokottam, Indus Cycle Embassy
136	Pramod	Executive Engineer	TRIDA
137	Prasad	Executive Engineer	KSEBL South Division
138	Praveen	Exec. Engineer- Operation	Kerala Water Authority (KWA)
139	Praveen Kumar	Regional Manager	Kerala State Warehousing Corporation
140	Praveen N.R	AE	KSEB
141	Preetha	AEE(TA)	PWD - Roads and Bridges Division
142	Pritwiraj	EDPC	Kerala State Road Transport Corporation (KSRTC)
143	Priyalal	Former Engineer of LSD	AMRUT
144	Prof.Bindu KR	Civil Engineer	CET
145	Prof.Gireesh	Professor & Head	Soil Department, CET
146	Raghuthamoon	Stakeholder	Manaveeyam Tereverokottam
147	Ragini	Temple Administrative Officer	Travancore Devaswom Board
148	Rajasree Ajith	Director	KITS
149	Rajesh	Town Planner	CTP -Office
150	Rajesh	Senior Town Planner	Town Planning Department
151	Rajesh D	EE	TMC
152	Rajesh	Project Manager	Agency for Non-conventional Energy and Rural Technology
153	Rajesh	AEE	PWD-NH
154	Raji	Assistant Engineer	PWD-NH
155	Raju V Nair	Asst. Vice President	Thiruvananthapuram Road Development Company Limited
156	Ramachandran	AE	KSDFC
157	Ramakrishnan	Scientist	National Transportation Planning And Research Centre
158	Ramesh	Councillor, Chalai Road	Chalai market

Sn	Name	Designation	Department
159	Ramya	CMM	NULM
160	Rana KP		Department of Tourism
161	Ravi Chander	CE,IT	KSEB
162	Reji	Director	Kerala State Archelogy Department
163	Remya	Project Coordinator	NULM
164	Rethesh	Stakeholder	Nizhalattom, Humans, Idom, Pallium
165	Rljulal	Health Inspector	Health Deptt.
166	Rishikesh	CEO	Techno Park CCC
167	Rosy	PA to Principal General Manager	Central Telephone Exchange
168	S. Abu	Superintendent	Natural History Museum
169	S. Prasad	EE	KSEB
170	S.Ebin Sam	Junior Scientist	National Transportation Planning And Research Centre
171	S.V.P Jithendriyan	Assistant Database Administrator	KWA
172	Sabarish	Head-e- Governance, KSITM	IT Mission
173	Sagi Somlar	(AE)	Kerala Water Authority
174	Sajan	Team Leader	SMMU – AMRUT
175	Sajitha	Asst. Engineer	Public Work Department- Road Sub Division
176	Saju R	Assistant Engineer	KSEB
177	Saju. S	Engineer	Major Irrigation
178	Sambasiva Rao -IAS	IT Mission Director	IT Mission
179	Sangeeth R	Executive Engineer	Dewasom Board
180	Sanil Kumar	Executive Engineer	Swadesh Darshan
181	Sankara Narayanan	D.E.	BSNL
182	Santhosh	Managing Director	PRATHEEKSHA BUS SHELTERS KERALA LIMITED
183	Santhosh	Head	Kerala Fiber Optic Network (K-FON)
184	Santhosh Kumar R.V.	EE	KWA
185	Santhosh Kumar Soman	Senior Consultant	GOI IT Data Centre
186	Santosh	AGM	BSNL
187	Sateesh	Planning Officer	Department of Tourism
188	Satheesh Kumar	Executive Engineer	KWA
189	Savitha K.S	Deputy Director	KSERC
190	Sayed	Technical Officer	NATPAC
191	Shaheem	Director-in-Charge	NATPAC
192	Shali	Deputy Superintending Engineer	PWD - Roads and Bridges Division
193	Shanda	JTO	BSNL
194	Shekhar	Member Secretary	State Emergency Operations Centre (SEOC)
195	Shiji	Secretary	TRIDA
196	Shivasuthani Pillai	ACP	Kerala Police Control Room
197	Shreejith		Clean Kerala Company Limited
198	Shyam	IT Head	TMC
199	Shyamala	Advertisement Revenue Officer	TMC
200	Sindhu	Sub Engineer-Cantonment	KSEB
201	Sini	First Grade Overseer	TMC
202	SKP Ramesh	Ward Councillor-Chalai	TMC
203	Soma Shekharan	Principal	University College
204	Sreedevi	Engineer	Life Mission
205	Sreejith	Urban Planner	TMC
206	Sreekumar	Chief Engineer	KWA
207	Sri. Aadhithya R IPS	Deputy Commissioner of Police, Law & Order, Traffic	Kerala Police

Sn	Name	Designation	Department
208	Subail B S	Assistant Mission Coordinator	KSITM
209	Sunder	CPM Local Secretary	Chalai
210	Suraj	Technical Assistant (S - Div)	Kerala Water Authority (KWA)
211	Suresh	Lab in Charge	CET
212	Suresh	Ward Councillor-East Fort	TMC
213	Suresh Babu	Project Manager	Kerala State Coastal Area Development Corporation Ltd (KSCADC)
214	Suresh Chandran	SE	KWA
215	Suresh Kumar	ACP	Traffic Police Control Room
216	Suresh Kumar	In-Charge (Mosquito Project)	Health Department
217	Suresh Kumar	General Manager	Kerala State Coastal Area Development Corporation Ltd (KSCADC)
218	Susan	Deputy Chief Engineer	KSEBL South Division
219	T.K. Jose	Additional Chief Secretary	LSGD
220	Teena Bhaskar		Department of Tourism
221	Thankappan	Chief Engineer	Environmental Sensor (PAN City Project)
222	Thomas Isaac N	Board Secretary	KWA
223	Unni	EE	TMC-Major Irrigation
224	Unnikrishnan	AE	TMC
225	Unnikrishnan Nair	Superintending Engineer	PWD - Roads and Bridges Division
226	V Ratheeshan IAS	Executive Officer and Member Secretary	Sree Padmanabhaswamy Temple
227	V V Thomas	SE	PWD
228	V.K Joseph	Chief Engineer	KSEBL
229	Vasa T.	AEE	KSEB
230	Venugopal	Junior Engineer	District Employment Exchange
231	Venugopal	DGM	KSRTC
232	Vijay Kumar	DE, SDF, Electrical	DRM Office
233	Vijaya Lakshmi	Principal (HoD)	Government College for Women
234	Vijayalekshmi	Thampanoor Ward Councillor	Thampanoor Ward Councillor
235	Vimal K V	Assistant Engineer Cantonment Section	KSEB
236	Vineeth V S		KRFB
237	Vinod	Junior Health Inspector	Thiruvananthapuram Municipal Corporation
238	Vipin	AE, South Section	KWA- Palayam Division- Sub Division Chalai
239	Vishnu	Head Master	Thampanoor U.P. School
240	Vishnu	AEE (Operation)	Kerala Water Authority (KWA)
241		Director	TRIDA
242		Quality Control -Executive Engineer	KWA

8 STAKEHOLDER CONSULTATION BY PMC TEAM

Along with continuous interactions with SCTL team, PMC team had consultation with key stakeholders pertaining to smart city projects like LSGD – Minister, Hon'ble Mayor, MLA, CEO (SCTL), DIG (Police), TMC, KWA, KSEB, NATPAC, TRIDA, Thiruvananthapuram Municipal Corporation and other key stakeholders for inputs and support in implementing smart city projects in Thiruvananthapuram.

Table 13: Stakeholder Consultations by PMC team in the month of November 2019

SN	Date	Stakeholder/ Designation	Name of Contact	Project / Key Agenda	PMC Team Member
1	01 November 2019	TS Committee - Head of E – Governance, KSiTM Senior Consultant, Representative of SEMT, Kerala, GOI IT Data Centre	Dr. Sabarish K, Shri. Santhosh Kumar Soman	Adaptive Traffic Control System (ATCS), MLCPs cum Commercial Complexes (4 Nos)	Ravi, Alok, Abraham, Sindhu, Ranabir
2	04 November 2019	TMC - EE, SE	Mr.Rajesh, Mr.Mohd. Ashraf	Underground Ducting of Utilities (Ph-IV)	Sindhu, Sabin, Shilpa
3	05 November 2019	Police Control Room - ACP (Telecommunications)	Mr.Bose	IT Projects	Kunal, Alok, Ravi, Anil Kumar Sharma
4	05 November 2019	KWA-EE North Division	Mr.R V Santhosh Kumar	Underground Ducting of Utilities	Sindhu,Sabin
5	06 November 2019	Bus Shelter Phase 1 Contractor Representative, Site Engineer	Mr.Abhijith S , Mr.Akhil V	Redevelopment of Bus Shelters with Wi-Fi hotspot facilities	Anil Kumar Sharma, Vishnu, Remi Krishna, Sabin
6	07 November 2019	CET - Faculty	Dr.Anil	Underground Ducting of Utilities	Sindhu,Shilpa
7	11 November 2019	Kerala Start up Mission - TS Committee - Dy.CE Rtd (KSEB)	Smt. Geethakumari	OAT at Putharikandom Maidanam	Nithin, Anooj
8	12 November 2019	Dy. S.P. (Telecom)	Mr.Gillitos	IT Projects	Alok, Kunal
9	12 November 2019	SCTL-CEO	Shri P Balakiran IAS	Progress Review Meeting	PMC Team Members
10	13 November 2019	TMC - Urban Planner,Urban Infrastructure specialist,AE	Mr.Sreejith,Mr.Gireesh, Mr.unnikrishnan	Anantha - Phase II (Disaster Management)	Vineeth, P Sreekumaran Nair
11	13 November 2019	Town Planner	Rajesh, Jayakumar	Integrated Social Housing Complex - Slum HHs, Redevelopment of Palayam Market	Abraham, Pallabi, Kiran
12	13 November 2019	PWD Principal Secretary	Shri. Rajesh Kumar Singh IAS	Underground Ducting of Utilities	Sabin, Anil Kumar Sharma, Alagarswamy
13	14 November 2019	SCTL-CEO	Shri P Balakiran IAS	Progress Review Meeting	PMC Team Members
14	15 November 2019	Kerala Start up Mission - TS Committee - Dy.CE Rtd (KSEB)	Smt. Geethakumari	OAT at Putharikandom Maidanam	Nithin, Anooj
15	15 November 2019	SCTL Board Meeting	Board Members	Board Meeting	PMC Team Members
16	15 November 2019	KSEB Director KSEB IT & Distribution, EE, AEE	P Kumaran, S Prasad, Ajayakumar	Underground Ducting of Utilities	Sindhu, Sabin
17	18 November 2019	KRFB- CEO,GM	Mr.Jeevaraj, Mr.Gopalakrishna Pillai	Underground Ducting of Utilities	Sindhu, Sabin, Anil Kumar Sharma
18	18 November 2019	CET - Faculty	Dr.Anil	Underground Ducting of Utilities	Sindhu, Shilpa
19	19 November 2019	NULM -Project Coordinator	Mrs. Remya	Vending Zones	Sindhu, Vineeth, Pournami, Satheesh, Pallabi
20	19 November 2019	SCTL - Manager (PMM)	Jerry Jose	Redevelopment of Bus Shelters with Wi-Fi hotspot facilities	Vishnu Gopal, Sabin
21	20 November 2019	Minor Irrigation Department -	Mr.Gopakumar, Mrs.Bindu	Anantha - Phase II (Disaster Management)	Vineeth, P Sreekumaran Nair

SN	Date	Stakeholder/ Designation	Name of Contact	Project / Key Agenda	PMC Team Member
22	21 November 2019	Kerala Start up Mission - TS Committee - Dy.CE Rtd (KSEB)	Smt. Geethakumari	OAT at Putharikandom Maidanam	Nithin, Anooj
23	22 November 2019	TMC - EE, First Grade Overseer	Rajesh D, Mary Edna Paul	Redevelopment of Palayam Market	Shameena, Esakiappan
24	22 November 2019	TMC - EE	Mr.Rajesh	Urban Street Haat - Charithra Veedhi	Sabin, Shilpa
25	22 November 2019	Kerala Start up Mission - TS Committee - Dy.CE Rtd (KSEB), TMC - CE/SE	Smt. Geethakumari, Mr. A Muhammed Ashraf	OAT at Putharikandom Maidanam	Nithin, Anooj
26	22 November 2019	SCTL-CEO	Shri P Balakiran IAS	Progress Review Meeting	PMC Team Members
27	23 November 2019	Kerala Police - DGP	Mr.Loknath Behera	Adaptive Traffic Control System (ATCS)	Ravi
28	23 November 2019	TMC - EE,SE	Mr.Rajesh, Mr.Mohd. Ashraf	Linked Green Activity Zones (Parks)	Shameena
29	25 November 2019	AS Committee	Shri P Balakiran IAS, Smt Deepa L S	Underground Ducting of Utilities	Sabin, Sindhu
30	25 November 2019	TMC-Major Irrigation EE	Mr Unni	Anantha - Phase II (Disaster Management)	Vineeth, P Sreekumaran Nair
31	26 November 2019	KSEB-Assistant Engineer Cantonment Section	Mr Vimal K V	Vending Zones	Anooj, Pournami
32	26 November 2019	Major Irrigation - Engineer	Er. Saju. S	Anantha - Phase II (Disaster Management)	Vineeth,Pournami Narayanan, Anooj, P Sreekumaran Nair
33	26 November 2019	TS Committee	Mr.Rajesh, Mr.Mohd. Ashraf	Underground Ducting of Utilities	Shilpa, Sindhu
34	26 November 2019	TMC - EE, SE , First Grade Overseer	Mr.Rajesh, Mr.Mohd. Ashraf, Mrs.Mary Edna Paul, Ms.Sini	Redevelopment of Palayam Market, Urban Street Haat - Charithra Veedhi	Shameena
35	26 November 2019	MoUD	Video Conference	Geo Tagging	Kunal, Pratip
36	27 November 2019	TMC - EE	Mr.Rajesh	Redevelopment of Palayam Market	Shameena
37	27 November 2019	Kerala State Coastal Area Development Corporation Ltd (KSCADC) - General Manager, Project Manager	Mr.Suresh Kumar, Mr.Suresh Babu	Redevelopment of Palayam Market	Pallabi, Nithin, Abraham
38	28 November 2019	TMC - EE, First Grade Overseer	Mr.RajeshMrs.Mary Edna Paul, Ms.Sini	Redevelopment of Palayam Market	Shameena, Esakiappan
39	28 November 2019	TS Committee	TS Committee members	Adaptive Traffic Control System (ATCS)	Abhishek, Ravi, Alok, Kunal, Anil Kumar Sharma
40	29 November 2019	SCTL-CEO	Shri P Balakiran IAS	OAT at Putharikandom Maidanam	Abhishek, Rajeev, Kiran
41	29 November 2019	TMC - EE, Overseer	Mr. Rajesh,Mrs.Mary Edna Paul, Ms.Sini	Redevelopment of Palayam Market	Shameena, Esakiappan
42	29 November 2019	Kerala Start up Mission - TS Committee - Dy. CE Rtd (KSEB)	Smt. Geethakumari	OAT at Putharikandom Maidanam	Nithin, Anooj
43	30 November 2019	TMC-SE	Mr. Mohd. Ashraf	Redevelopment of Palayam Market	Shameena, Kartika

9 PROJECT SITE VISITS BY PMC TEAM

PMC team visited different project sites in the ABD area to assess existing status of smart city projects, their existing scenario in terms of status of infrastructure, provision of basic amenities, existing issues and problems. Site surveys were conducted for preparation of situation analysis, feasibility reports and Detailed Project Reports and for projects that are to be tendered. In addition to our routine project site visits, we have also engaged local vendor for carrying out detailed surveys like topographic surveys, passenger count,

parking count, volume count etc. based on project need and priority. There were joint site visits long with SCTL team, Mayor, Technical Sanction Committee members and other officials for project feasibilities. Below table indicates list of site visits by PMC team in the month of November 2019.

Table 14: Project Site Visits by PMC team in the month of November 2019

S. N	Date	PMC Team	Site visit locations	Project Name
1	01-11-2019	Remi Krishna, Jerry Jose, Gayathri Gopinath	Fort School Anganwadi	Upgradation of Anganwadis and Public Health Centers
2	02-11-2019	Abraham, Krishna Kurup	East Fort	Interactive Information Kiosks and Display Boards
3	05-11-2019	Kabeer	Solar Locations	Sustainable Campuses (Solar Rooftop)
4	06-11-2019	Kiran, Vineeth, Krishna Kurup, Pournami, Remi Krishna	RKV Road	Vending Zones
5	06-11-2019	Ravi, Anooj, Shilpa	Statue Junction	Adaptive Traffic Control System (ATCS)
6	06-11-2019	Kabeer	Kerala Legislative Assembly	Sustainable Campuses (Solar Rooftop)
7	07-11-2019	Remi Krishna, Krishna Kurup	Fort School Anganwadi	Upgradation of Anganwadis and Public Health Centers
8	08-11-2019	Krishna Kurup, Shameena	Thampanoor	Upgradation of Existing Public Toilets
9	11-11-2019	Krishna Kurup	TMC	Upgradation of Existing Public Toilets
10	11-11-2019	Vishnu	Ayurveda College	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
11	13-11-2019	Remi Krishna, Kiran	Rajaji Nagar	Upgradation of Anganwadis and Public Health Centers
12	14-11-2019	Anil Kumar Sharma	Panavila	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
13	14-11-2019	Sabin, Alagarswamy	Smart Road Phase 5 locations	Underground Ducting of Utilities (Ph-V)
14	14-11-2019	Sindhu, Shilpa	Aryashala, Taluk Office Road	Underground Ducting of Utilities
15	15-11-2019	Krishna Kurup	Thampanoor	Upgradation of Existing Public Toilets
16	15-11-2019	Kiran, Esakiappan, Salija, Joseph	Rajaji Nagar	Integrated Social Housing Complex - Slum HHs
17	16-11-2019	Esakiappan, Joseph	Rajaji Nagar	Integrated Social Housing Complex - Slum HHs
18	16-11-2019	Remi Krishna, Krishna Kurup, Vishnu	RKV Road	Vending Zones
19	16-11-2019	Sabin, Alagarswamy, Vishnu	Ayurveda College	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
20	18-11-2019	Vineeth	Smart Road Phase 3 locations	Underground Ducting of Utilities (Ph - III)
21	18-11-2019	Vishnu, Remi Krishna	Gandhi Park	Interactive Information Kiosks and Display Boards
22	18-11-2019	Vishnu, Remi Krishna	Gandhi Park	Linked Green Activity Zones (Open Gym)
23	18-11-2019	Abraham	Heriatge Trail Site	Heritage Trails & Walks - Façade, Wall Painting & Floor Marking
24	18-11-2019	Vishnu, Alagar	Panavila	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
25	19-11-2019	Sabin, Alagar	Smart Road Phase 4 and 5 locations	Underground Ducting of Utilities (Ph-IV) and (Ph-V)
26	20-11-2019	Sabin, Alagar	Smart Road Phase 5 locations	Underground Ducting of Utilities (Ph-V)
27	20-11-2019	Vishnu, Alagar	Thampanoor	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
28	21-11-2019	Pournami	RKV Road	Vending Zones
29	21-11-2019	Remi Krishna, Krishna Kurup	Open gym sites	Linked Green Activity Zones (Open Gym)

S. N	Date	PMC Team	Site visit locations	Project Name
30	21-11-2019	Remi Krishna, Krishna Kurup	Fort school	Upgradation of Anganwadis and Public Health Centers
31	22-11-2019	Pallabi, Kiran, Ravi	Charithra Veedhi	Urban Street Haat - Charithra Veedhi
32	22-11-2019	Vineeth, Krishna Kurup	KWA- Childrens park	Linked Green Activity Zones (Parks)
33	23-11-2019	Anil Kumar Sharma, Pournami, Ravi, Vishnu	RKV Road	Vending Zones
34	25-11-2019	Remi Krishna, Alagar	Open gym sites	Linked Green Activity Zones (Open Gym)
35	25-11-2019	Krishna Kurup	KSRTC Ingate	Upgradation of Existing Public Toilets
36	29-11-2019	Remi, Krishna Kurup, Jerry Jose	Open gym sites	Linked Green Activity Zones (Open Gym)
37	29-11-2019	Alagar, Sabin	Smart Road Phase 5 locations	Underground Ducting of Utilities (Ph - V)

Colours denote Joint Site visit

Picture 4: Few glimpses of our project site visits in the month of November 2019.





In addition to site visits, topographic surveys for specific projects are being conducted. Details of surveys conducted in the month of November 2019 are indicated in below table.

Table 15: Brief list of Surveys done in the month of November 2019.

S.N	Project Name	Stretch Name / Location	Survey Date	Description of Survey
1	Smart Road - Ph - IV	Forest Office Junction - Bakery Junction Road	12.11.19	CBR
2	Smart Road - Ph - IV	Spencer Bakery - Vazuthacaud	12.11.19	CBR
3	Smart Road - Ph - IV	Palayam Nandavanam Panchapura Road	12.11.19	CBR
4	Smart Road - Ph - IV	Rose House Panavilla Road	12.11.19	CBR
5	Smart Road - Ph - IV	Thycaud House Keezhe Thampaboor Road	12.11.19	CBR
6	Smart Road - Ph - IV	Around Residency	12.11.19	CBR
7	Smart Road - Ph - IV	Bakery Womens College Road	12.11.19	CBR
8	Smart Road - Ph - IV	Pulimoodu Residency Road	12.11.19	CBR
9	Smart Road - Ph - V	Forest Office Lane	14.11.19	CBR
10	Smart Road - Ph - V	Forest Office Lane	14.11.19	CBR
11	Smart Road - Ph - V	New Theatre Road	14.11.19	CBR
12	Smart Road - Ph - V	Oottukuzhy Bakery Junction Road	14.11.19	CBR
13	Smart Road - Ph - V	Womens College Road	14.11.19	CBR
14	Smart Road - Ph - V	Housing Board Thampanoor Road	14.11.19	CBR
15	Smart Road - Ph - V	Sunny Meads Lane	14.11.19	CBR
16	Smart Road - Ph - V	Pulimoodu Residency	14.11.19	CBR
17	Smart Road - Ph - V	Tutors Lane, GPO Ln	14.11.19	CBR
18	Smart Road - Ph - V	Uppalam Road	14.11.19	CBR
19	Smart Road - Ph - V	Dr Chandrasekaran Nair Road	14.11.19	CBR
20	Smart Road - Ph - V	Attakulangara Killipalam Road	14.11.19	CBR
21	Smart Road - Ph - V	Kattor Road	16.11.19	Topo Survey
22	Smart Road - Ph - V	Oottukuzhy Bakery Junction Road	16.11.19	Topo Survey
23	Smart Road - Ph - V	S & J Road	16.11.19	Topo Survey
24	Smart Road - Ph - V	Womens College Road	16.11.19	Topo Survey
25	Smart Road - Ph - V	Nandavanam Road	16.11.19	Topo Survey
26	Smart Road - Ph - V	Valiasala Street	16.11.19	Topo Survey
27	Smart Road - Ph - V	Chinnachalai Street	16.11.19	Topo Survey
28	Smart Road - Ph - V	Sree Chitra Road	16.11.19	Topo Survey
29	Smart Road - Ph - V	Jagathy Kannettumukku Valiasala Road	16.11.19	Topo Survey
30	Smart Road - Ph - V	Palla Theervu	16.11.19	Topo Survey
31	Smart Road - Ph - V	West Nada	16.11.19	Topo Survey
32	Smart Road - Ph - V	Mithranandapuram Lane	16.11.19	Topo Survey
33	Smart Road - Ph - V	Eanchakal West Fort Road	16.11.19	Topo Survey
34	Smart Road - Ph - V	Housing Board Thampanoor Road	17.11.19	Topo Survey
35	Smart Road - Ph - V	Statue Road	17.11.19	Topo Survey
36	Smart Road - Ph - V	Seceratariat East Residents Association Road	17.11.19	Topo Survey
37	Smart Road - Ph - V	Mele Road	17.11.19	Topo Survey
38	Smart Road - Ph - V	Sreemoolam Road	17.11.19	Topo Survey
39	Smart Road - Ph - V	Prashanti Nagar Road	17.11.19	Topo Survey
40	Smart Road - Ph - V	Mele Road	17.11.19	Topo Survey
41	Smart Road - Ph - V	Santhi Nagar Road	17.11.19	Topo Survey
42	Smart Road - Ph - V	Santhi Nagar Road	17.11.19	Topo Survey
43	Smart Road - Ph - V	Purna Lane	18.11.19	Topo Survey
44	Smart Road - Ph - V	Shanti Nagar Press Road	18.11.19	Topo Survey

S.N	Project Name	Stretch Name / Location	Survey Date	Description of Survey
45	Smart Road - Ph - V	Shanti Nagar Press Road	18.11.19	Topo Survey
46	Smart Road - Ph - V	SIDCO Back Road	18.11.19	Topo Survey
47	Smart Road - Ph - V	Joint Road SS Kovil Thampanoor Road	18.11.19	Topo Survey
48	Smart Road - Ph - V	Sunny Meads Lane	18.11.19	Topo Survey
49	Smart Road - Ph - V	Sunny Meads Lane	18.11.19	Topo Survey
50	Smart Road - Ph - V	Pulimoodu Residency	18.11.19	Topo Survey
51	Smart Road - Ph - V	Tutors Lane, GPO Ln	18.11.19	Topo Survey
52	Smart Road - Ph - V	Uppalam Road	18.11.19	Topo Survey
53	Smart Road - Ph - V	Ex.Mayor R.Balakrishnan Road	18.11.19	Topo Survey
54	Smart Road - Ph - V	Ex Mayor R Balakrishnan Nair Road	18.11.19	Topo Survey
55	Smart Road - Ph - V	Chirakkulam Road	18.11.19	Topo Survey
56	Smart Road - Ph - V	District Employment Exchange Road	19.11.19	Topo Survey
57	Smart Road - Ph - V	Uppalam GPO Lane Road	19.11.19	Topo Survey
58	Smart Road - Ph - V	Chirakkulam Road	19.11.19	Topo Survey
59	Smart Road - Ph - V	Dr Chandrasekaran Nair Road	19.11.19	Topo Survey

10 DATA/REPORTS COLLECTED:

PMC collected data in form of reports, maps, drawings etc. for assessing current scenario, situation analysis assessment, feasibility studies and department proposals and targets etc. PMC team collected following data in the month of November 2019 from stakeholders:

Table 16: Data/Reports Collection by PMC team in the month of November 2019.

S.N	Date	Stakeholders/Designation	Project	Data Collected list
1	28 November 2019	JMV LPS LIMITED	Sustainable Campuses (Solar Rooftops)	1.Presentation Earthing ,Lightning and Surge Protection as per NBC2016 2.SPD Catalogue 2019
2	26 November 2019	Government Engineering College, Barton Hill, Thiruvananthapuram	Integrated Social Housing Complex - Slum HHs	Soil Test Report - Slum

11 TEAM MOBILISATION:

We have already mobilized all our input based in the PMC team at project office in Thiruvananthapuram. Additionally, we mobilized members of the design and support team, details are indicated in below table.

Table 17: Team Mobilisation till 30th November 2019.

S No	Type	Designation	Team Member	Mobilization Date
1	Key Professional / Input Based	Team Leader	Harshad Dhande	13-Jun-18
			Jamal Abdul R	11-Sep-18
2	Key Professional / Input Based	Dy Team Leader	Gopesh Shrivastava	25-Jul-18
			Anil Kumar Sharma	02-Jul-19
3	Key Professional / Input Based	Infrastructure Specialist	VA Ruthramurthy	20-Jul-18
			P. Sreekumaran Nair	23-Jan-19
4	Key Professional / Input Based	Procurement/Legal Expert	Amitava Basu Sarkar	21-Jul-18
			Rajeev Sharma	16-Jan-19
5	Key Professional / Input Based	Transport Planner	Arun Savi	13-Jun-18
			Ravi Nandawan	25-Feb-19
6	Key Professional / Input Based	Urban Designer	Pallabi Gupta Roy	25-Feb-19
7	Key Professional / Input Based	e-Governance/-ICT Specialist	Alok Sharma	13-Aug-18
			Diwakar Singh	03-Jan-19
			Alok Kumar	25-Feb-19
8	Key Professional / Input Based	Energy Management Specialist	Ahmed Kabeer	13-Jun-18

S No	Type	Designation	Team Member	Mobilization Date
9	Key Professional / Input Based	Documentation/ Knowledge	Ranabir Dey	03-Jul-18
10	Key Professional / Input Based	Social Development Specialist	Satheesh Chandran	03-Jan-19
11	Key Professional / Input Based	Associate Engineer- Infrastructure	Alagarsamy A.R	13-Aug-18
12	Key Professional / Input Based	Associate Engineer Infrastructure	Sindhu K V	10-Oct-18
13	Key Professional / Input Based	Associate Engineer Infrastructure	Shameena A	16-Jan-19
14	Key Professional / Input Based	Support Engineer (IT)	Sauhard Sanghi	18-Jun-18
			Kunal Goswami	20-May-19
15	Key Professional / Input Based	Finance Officer	Nilanjan Mitra	03-Dec-18
16	Support Team / Input Based	Construction Manager	Dinesh Sharma	16-Aug-18
			Anie Justus	23-Jan-19
17	Support Team / Input Based	Assistant Construction Manager	Sabin V. S	22-Oct-18
18	Support Team / Input Based	Landscape Architect	Swati Dixit	18-Dec-18
19	Support Team / Input Based	Engineering Associate (Infra)	Karthika K.N.	23-Jan-19
20	Support Team / Input Based	Engineering Associate (Infra)	A. Esakkiappan	14-Aug-18
21	Support Team / Input Based	Engineering Associate (IT)	Saina Narayanan	20-Dec-18
22	Other Staff / Input Based	Urban Planner (Project Manager)	Imran Basha	22-May-18
23	Other Staff / Input Based	Associate Engineer	Shilpa PV	13-Aug-18
24	Other Staff / Input Based	Surveyor	Joseph George	01-Aug-18
25	Design and Development	Urban Planner	Suneel Kumar	23-Jun-18
			Kiranchand Vayyatt	21-Jan-19
26	Design and Development	ICT System/Solutions Architect	K.V. Reddy	24-Sep-18
			Abhishek Sharma	15-Jul-19
27	Design and Development	Solid Waste Management Expert	Dr. Bharat Bhushan	20-Jun-18
28	Design and Development	Transportation Planner / Engineer	Jaffer Sharieff	28-Jun-18
29	Design and Development	Transaction Advisor for PPP	Rajeev Sharma	23-Sep-18
30	Design and Development	GIS & Remote Sensing Expert	Sandeep Lama	23-Jun-18
31	Design and Development	Heritage Conservation Expert	Nilan Cooray	21-Nov-18
32	Design and Development	Utility Engineer	Shameena A	02-Jul-18
33	Design and Development	Application Analyst	Pradeep Singh Uppal	30-Apr-19
34	Design and Development	Urban Planner	Sushmita R	22-Oct-18
			Pournami Narayanan	04-Nov-2019
35	Design and Development	Associate Engineer	Vishnugopal	05-Mar-19
36	Design and Development	Surveyors	Salija Mol	29-Sep-18
37	Additional Resources	Project Associate	Jasmine Kaur	22-May-18
			Praseeda M	22-Oct-18
38	Additional Resources	Associate Architect	Asish De	25-May-18
			Vineeth Gopinathan	15-May-19
39	Additional Resources	Office Manager	Renjith	05-Jun-18
			Raj Narayanan	01-Aug-18
40	Additional Resources	MIS Specialist	Pratip Ghosh	06-Jul-18
41	Additional Resources	Associate Architect	Malavika A R	20-Jul-18
			Manisha Reddy	01-Mar-19
42	Additional Resources	Draftsman	Anitha	29-Aug-18
43	Additional Resources	Architect/Urban Designer	Abraham	27-Sep-18
44	Additional Resources	Associate	Meenakshi R	01-Dec-18
45	Additional Resources	Draughtsman	Sreekumar A	03-Dec-18
46	Additional Resources	Urban Designer	Sudeshna Sarkar	10-Dec-18
47	Additional Resources	Structural Draftsman	Rakesh S B	05-Feb-19
48	Additional Resources	Support Engineer	Nithin Murli	25-Mar-19
49	Additional Resources	Architect	Midhun	06-Jun-19
50	Additional Resources	Architect	Benjoy C Joy	10-Jun-19
51	Additional Resources	Architect	Dona Ann John	12-Jun-19
52	Additional Resources	Architect	Monisha Vallivila K	15-Jun-19
53	Additional Resources	Site Engineer	A Krishna Kurup	19-Jun-19
54	Additional Resources	Site Engineer	Remi Krishna S L	19-Jun-19

S No	Type	Designation	Team Member	Mobilization Date
55	Additional Resources	Draftsman	Jeevan Kumar.G.K	19-Jun-19
56	Additional Resources	Civil Engineer (Transport)	Davesh Sharma	09-Jul-18
57	Additional Resources	SWM – Support	Lekha Thakkar	26-Nov-18
58	Additional Resources	Transport Engineer	Ansh Chopra	23-Jan-19
59	Additional Resources	Consultant: Solid Waste Mgmt	Abhishek	20-Jun-18
60	Additional Resources	Solid Waste Management	Ekta Gupta	20-Jun-18
61	Additional Resources	Architect	Jamal M A	05-Oct-18
62	Additional Resources	Subject Matter Expert	Pratik Dave	10-Oct-18
63	Additional Resources	Landscape Architect	Amit Jain	09-Jul-18
64	Additional Resources	Project Intern: Urban Designer	Meenakshi	02-Jun-18
65	Additional Resources	Project Intern: Urban Designer	Deepshika	02-Jun-18
66	Additional Resources	Electrical Design Engineer	Anooj Kamal	02-Sept-19

*Duly signed attendance sheet has been annexed with this report.

Glimpses of Inauguration of Open Gym at Gandhi Park – 18.11.2019

DC CORRESPONDENT
THIRUVANANTHAPURAM,
NOV 17

The open gym and children's play equipment installed at Gandhi Park – one of the prime parks in the heart of the city – as part of the Smart City project will be thrown open to the public on Monday. Mayor K. Sreekumar will inaugurate the new park, which would be a boon to hundreds of joggers and children arriving at the park for recreation and morning walk.

Mayor K. Sreekumar said that hundreds of people arrive at the park for morning walk and an open gym would give them the opportunity to do workouts and stay fit. The civic body had picked three major parks in the city including Gandhi Park, Sree Chithira Thirunal Park and Sreekanthaswaram Park for the open gym projects. Around ₹30 lakh has been set aside for the project.

Children's play equipment is the other main feature of the renovated park. "A lot of people come to the park to spend their evenings. There was

The open gym and children's play equipment installed at Gandhi Park which will be thrown open to public by Mayor K. Sreekumar on Monday.

—DC

no infrastructure for the recreation of the children. Now the children will be able to play in the park while their parents relax," said town planning standing committee chairman Palayan Rajan. According to officials the work at the other two

parks is fast progressing which would be inaugurated soon.

Several infrastructure improvement projects have been taken up under the smart city initiative, which is set to give a facelift for the state capital.

The banner is white with a decorative border. At the top left are the Indian National Emblem and the state emblem of Kerala. In the center is a blue hexagonal logo for 'smart city' with a stylized sun and geometric shapes. To the right is the 'Smart City' logo with the tagline 'BUILDING A BETTER TOMORROW'. The text on the banner reads:

SMART CITY THIRUVANANTHAPURAM LIMITED
Inauguration of Smart City Project
INSTALLATION OF OPEN GYM AND CHILD PLAY EQUIPMENTS
On 18 Nov 2019 at 05.00 PM Venue – Gandhi Park, East Fort

Welcome: Sri P. Bala Kiran IAS, Chief Executive Officer, SCTL

Presided by: Adv. Raghi Ravikumar, Deputy Mayor, TMC

Inauguration by: Shri. K. Sreekumar, Hon'ble Mayor, Thiruvananthapuram Municipal Corporation
Dr. Shashi Tharoor, Hon'ble MP (Lok Sabha)
Adv. V. K. Prasanth, Hon'ble MLA
Shri. V. Sivakumar, Hon'ble MLA
Shri. O. Rajagopal, Hon'ble MLA
Smt. L. S. Deepa, Corporation Secretary

Chief Guest:

Vote of Thanks:

On the left side of the banner are two photographs of playground equipment: a colorful slide and a blue climbing structure. On the right side are two photographs of the playground area: one showing a blue slide and another showing a yellow climbing frame.



(2) Mobilisation schedule for next month (Dec 2019), duly signed

Table 18: Proposed Mobilization Schedule- December 2019

ANNEXURE

Smart City Thiruvananthapuram Limited
PMC Attendance Tracker - November 2019



E-RICKSHAW OPERATION IN ABD AREA OF THIRUVANANTHAPURAM CITY

Project Management Consultant (PMC) to Design, Develop, Manage and Implement Smart City Projects in Thiruvananthapuram



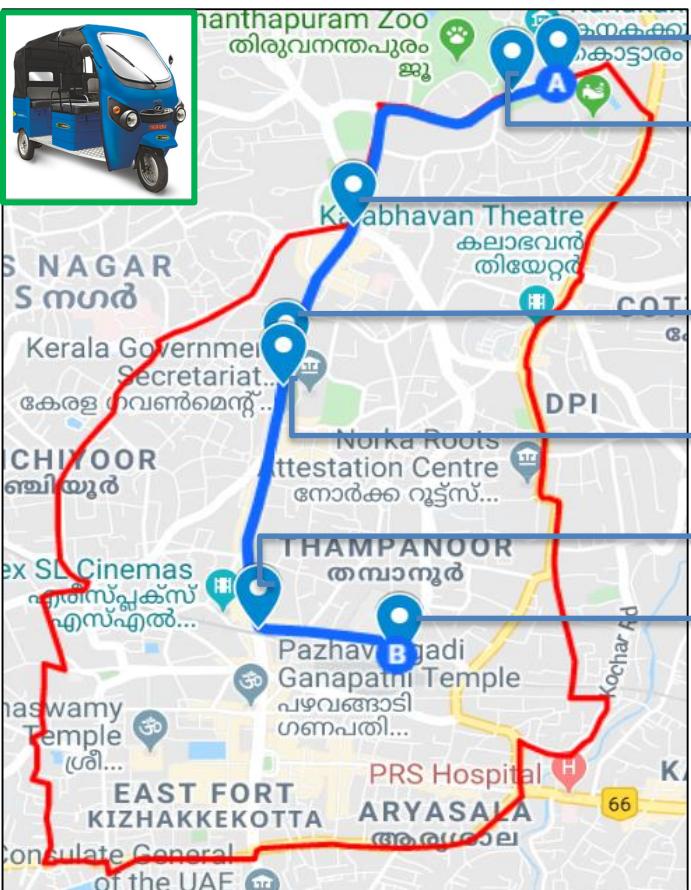
Making Development a Ground Reality

Integrity Innovation Passion Perseverance Learning

IPE GLOBAL
Expanding Horizons. Enriching Lives.

JLL
ASSOCIATE MEMBER

GREEN E-ROUTE 1



Railway Station to Kanakkunnu Palace

Kanakkunnu Palace

Museum

Palayam Jn

Secretariat

Statue

Overbridge Junction

Railway Station

Railway station

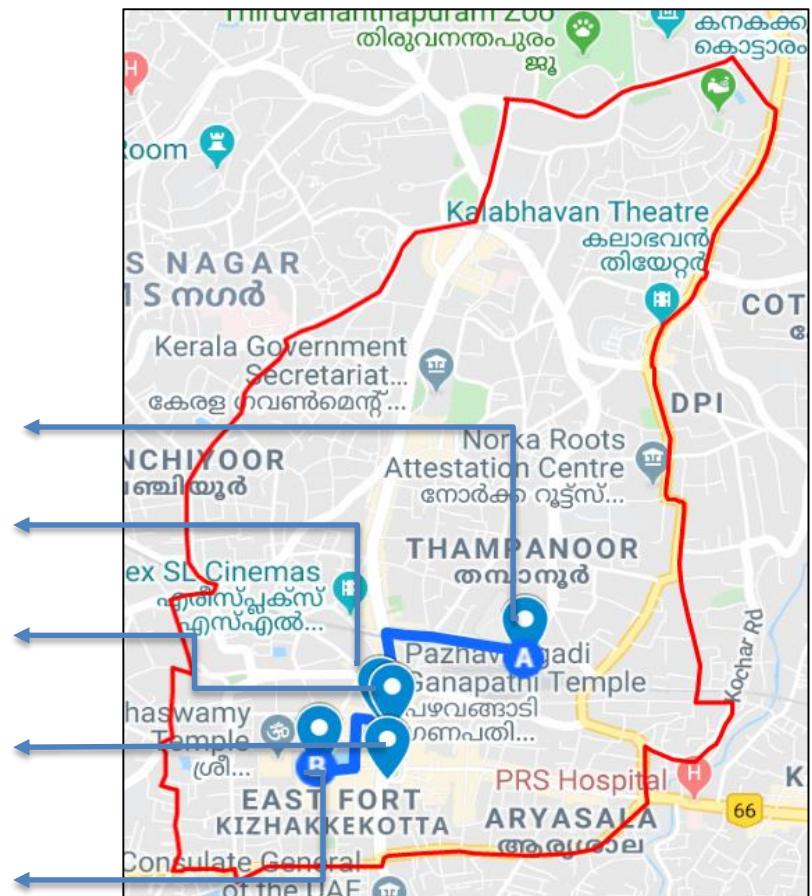
Pazhavangadi temple

Putharikkandam
Maithanam

Chala Bazaar

Padmanabhaswamy
Temple

GREEN E-ROUTE 2



Railway station to Padmanabaswamy temple

MODEL – PROCUREMENT FROM GeM PORTAL

KINETIC SAFAR SMART E RICKSHAW SPECIFICATIONS

Sl. No	Component	Description
1	Seating Category	D+4 seater
2	Maximum speed	Up to 25 km/h
3	Typical Driving Range	80 km per full charge
4	Gradient capacity	Up to 7 degrees
5	Charging time	2 hrs 30 min. for 100% charge
6	Battery type	Lithium Ion Battery 48 V



MODEL – PROCUREMENT FROM KAL (KERALA AUTOMOBILE LIMITED)

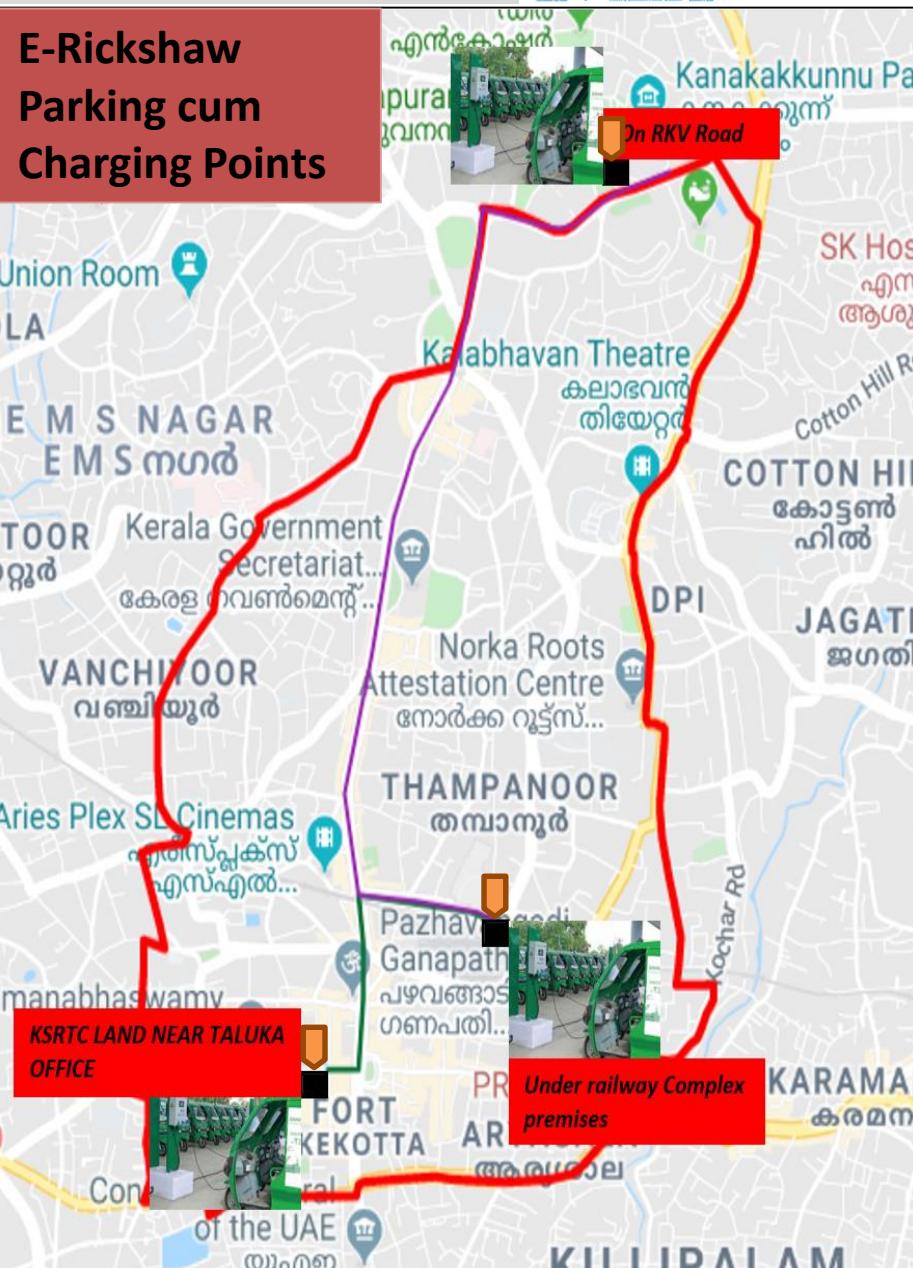
KAL GREEN E-AUTO SPECIFICATIONS

Sl. No	Component	Description
1	Seating Category	D+3 seater
2	Maximum speed	50 km/h
3	Typical Driving Range	110 km per full charge
4	Gradient capacity	Up to 7 degrees
5	Charging time	3 hrs 55 min. for 100% charge
6	Battery type	Lithium Ion Battery 48 V



OPERATIONAL MODEL

- E-Rickshaw will be **on sharing basis** while E-Auto on the basis of **a personal trip**
- Beneficiaries will be select by **Thiruvananthapuram Municipal Corporation**
- **KUDUMBASHREE** is to be finalized for E-Rickshaw operator (Preferred lady drivers)
- Operator will charge these E-Rickshaws from home till public **e-charging points** set up
- Following two routes selected for E-Rickshaw operation
 - **Railway station to Kanakakkunnu Palace** via Overbridge junction, Secretariat, Statue, Palayam Jn, Legislative Assembly, Museum, Kanakakkunnu Palace.
 - **Railway station to Padmanabaswamy temple** via Pazhavangadi Temple, Putharikandam maidanam, Chalai bazaar.
- Following places had been finalized for e-rickshaw parking as well as e-charging points
 - **RKV road near Museum**
 - **KSRTC land near Taluk Office road**
 - **Under the premises of Thampanoor railway station complex**

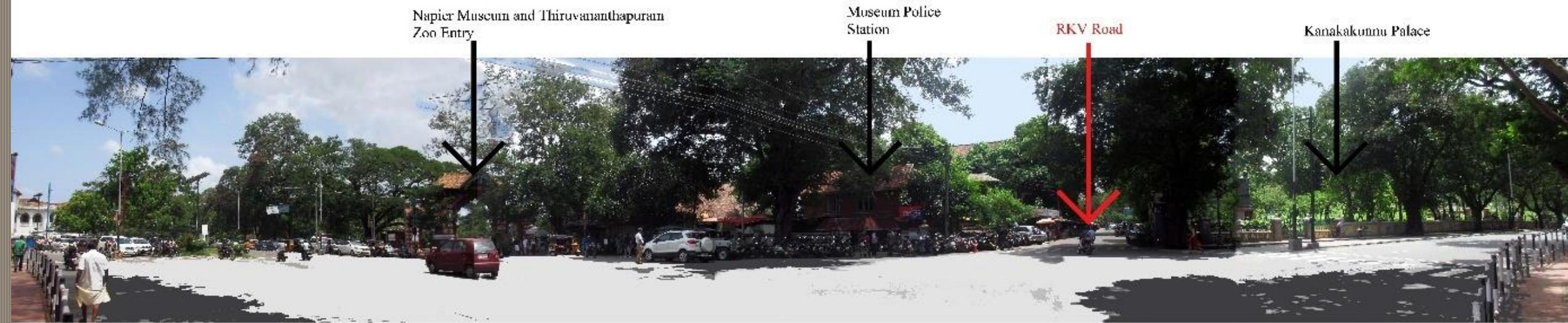


RATIFICATION OF E-RICKSHAW & E-AUTO OPERATION

- **E-RICKSHAW:** 15 Nos E-Rickshaw procured from Kinetic Green through GeM portal.
- **E-AUTO :** 15 Nos E-Auto will be procured from Kerala Automobile Limited
- **SELECTION OF BENEFICIARIES :** TMC is planning to select operators from Kudumbashree authority for women empowerment.
- **OPERATION :** Traffic Police will be in-charge on ground for this operation

KEY STAKEHOLDERS

Sl. No.	List of Stakeholders	Logo	Key Responsibilities
1	Transport Department		E-Rickshaw and E-Auto operation in the city, convey the information to other public transport owners like KSRTC, Private bus, Normal Autos, Traffic Police and Regional Transport Office.
2	Motor Vehicle Department		Registration of E-Rickshaws and E-Autos and provide administrative permission for E-Rickshaw and E-Auto operation
3	Regional Transport Office		Collect the information about drivers, route and take necessary actions against any traffic rule violation
4	Traffic Police		Traffic police will give permission to setting up E-Charging points and overall monitor of E-Rickshaw and E-Auto operation
5	Kudumbashree		This authority will provide lady driver operators and run safe and successful operation of these E-Rickshaws and give monthly performance report to SCTL.
6	Trivandrum Municipal Corporation		Select beneficiaries for operation and agreement between TMC and beneficiaries
7	SCTL		Fix the routes, procurement of E-Rickshaws and E-Autos, review monthly performance report given by beneficiaries and decision for necessary actions to all over operation



VENDING ZONE: RKV ROAD

VENDING ZONES PROJECT

The vision of the project is to promote diversity & foster inclusiveness and encourage city & community-based economy.



Implementation Strategies as per SCP

1. Development of vending zone policy

2. Registration of vendors

3. Creation of flexi-vending zones in proposed roads

Already Initiated by Town Vending Committee - NULM

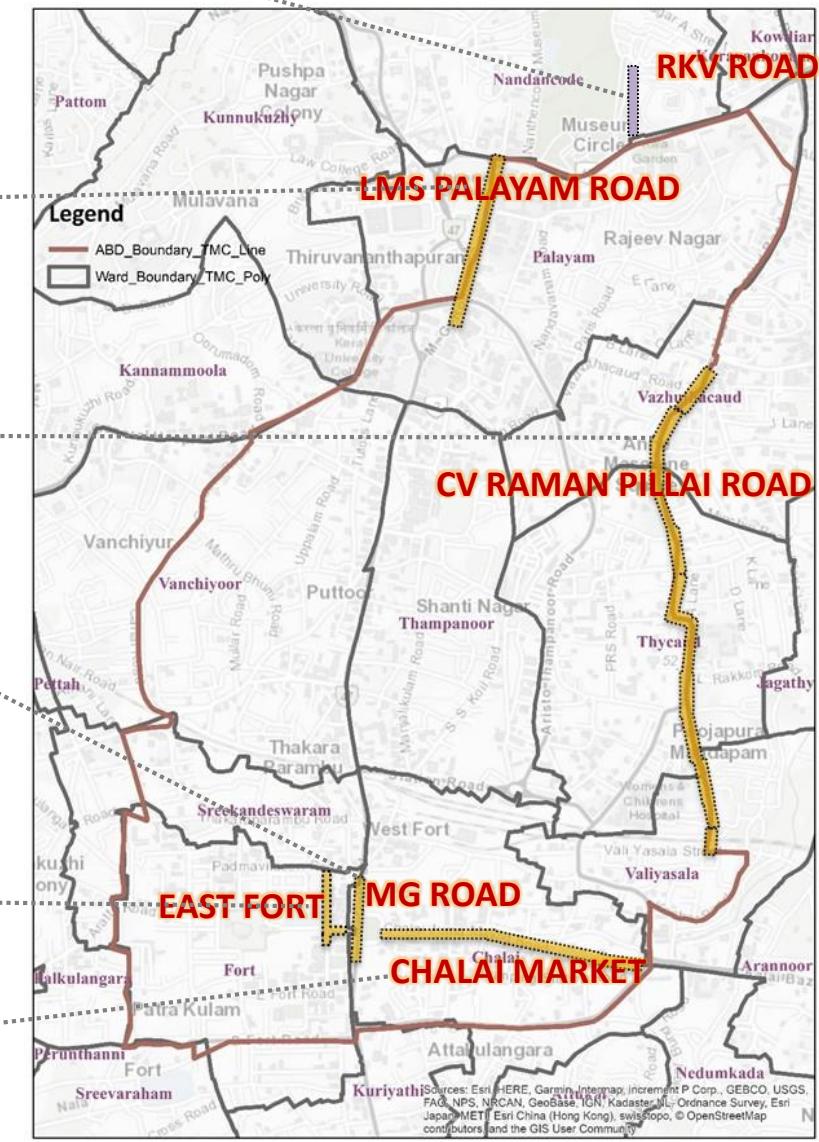
Taken Up under Smart City Projects in ABD area

Total budget allocation for this project is **Rs. 5.27Cr** which will be taken from Smart City Grant.

SAR SUBMITTED



demarcate vending zones



(Source: Annexure, Thiruvananthapuram, SCP)

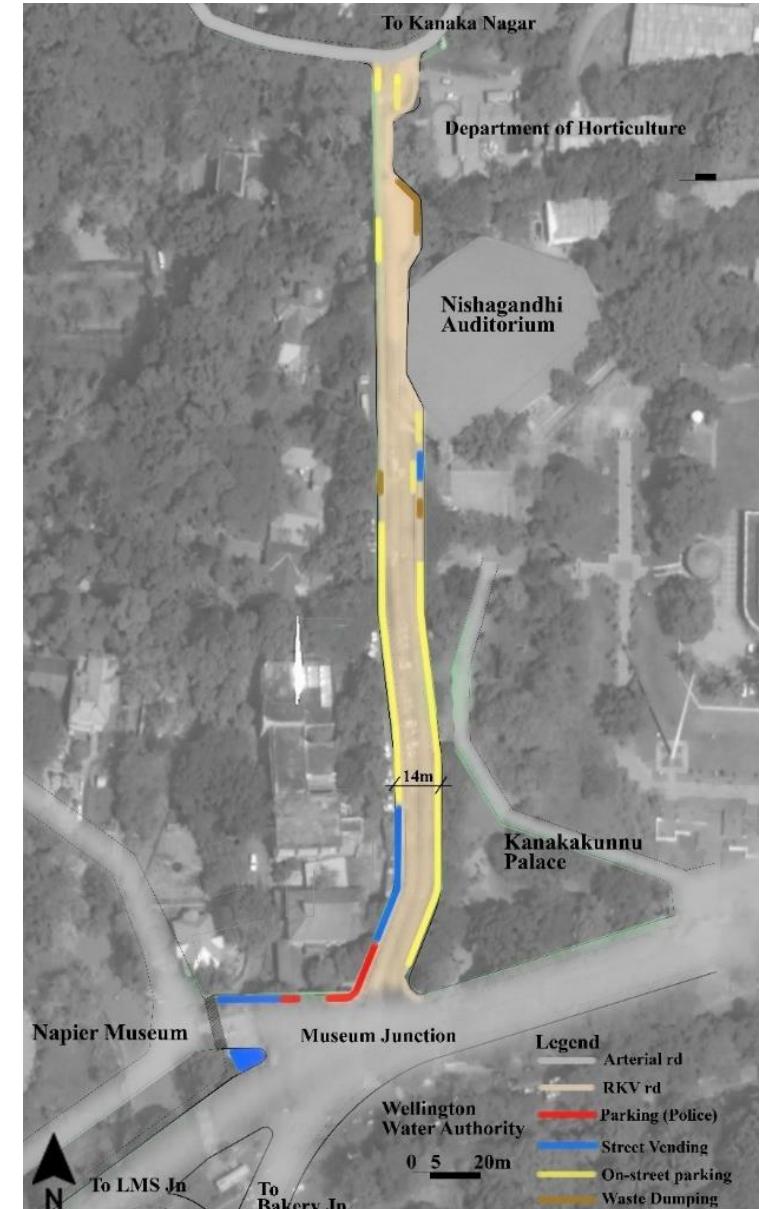
VENDING ZONES: RKV ROAD PROJECT

BRIEF PROJECT DETAILS –

RKV ROAD :

- Length: 350M
- Average width: 14M
- Ownership of the road: Thiruvananthapuram Municipal Corporation

EXISTING SITE PHOTOGRAPHS –



Existing scenario at RKV road and Museum junction

KEY PARAMETERS

Landuse & Space availability

Nearby landmarks that draw people to the area

Existing access for pedestrians

Type of activity, eg: roadside, bus stand etc

Main goods sold daily and Type of vendor

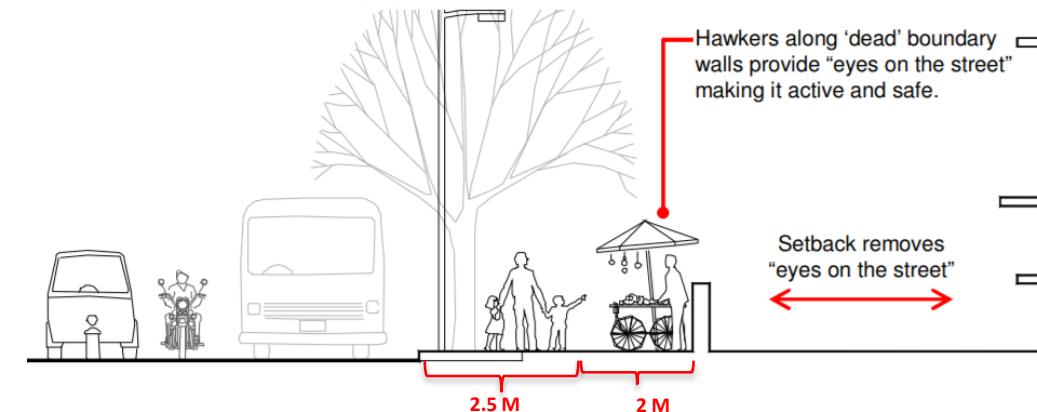
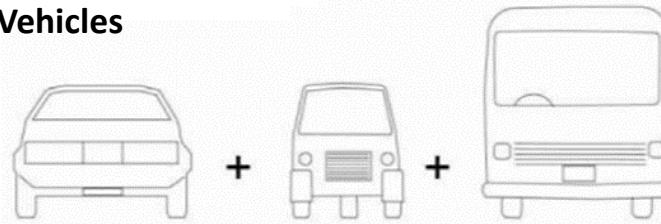
Potential Users of the Vending activity

Preferred as per Standards

Hawkers must be given designated space with 1.5m minimum, so that they don't encroach the **Minimum Clear 1.8 M Pedestrian Walking Zone**.

DESIGN ELEMENTS

Vehicles

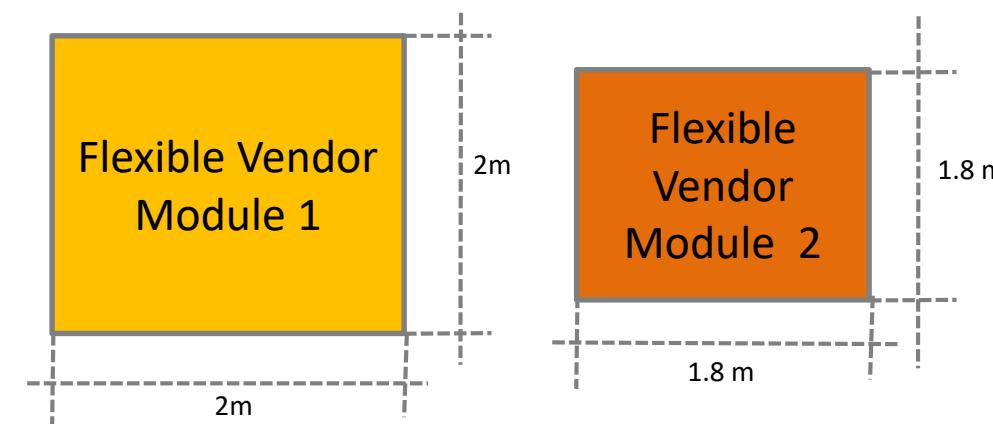


Street Infrastructure



A simple elevated concrete platform

A fully enclosed shelter



Static and movable vendors

Movable vendors

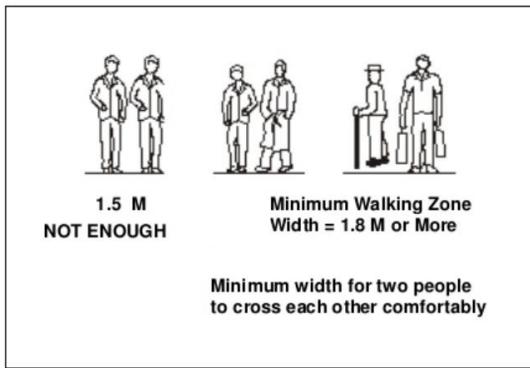
Approx. Existing occupied space: 1.7m/ 2m x 1.8/2 m

VENDING DESIGN STANDARDS (REFERENCES)

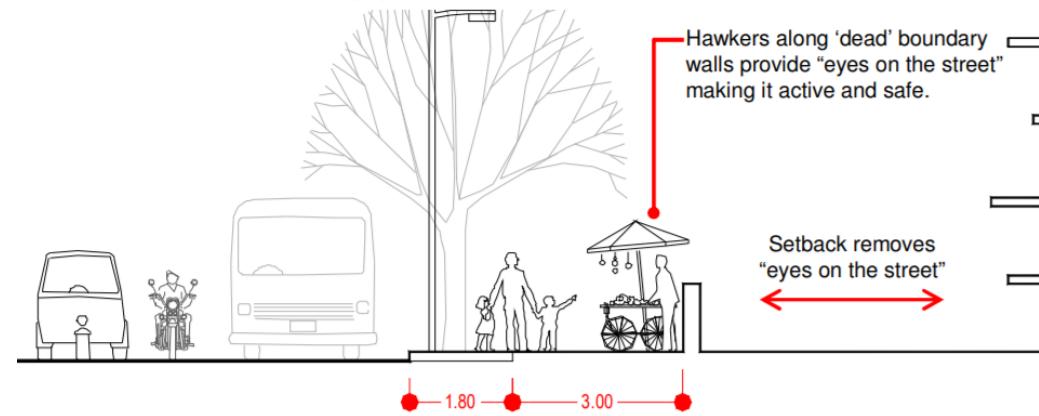
- Street Design Guidelines UTTIPEC, DDA 2009
- IRC: 103 - 2012, clause no. 6.1.5.2
- Urban Street Design Guidelines, Pune

Minimum footpath width
1.8 m to 2m

Minimum Vending width
1.5 m to 2m



Street Design Guidelines UTTIPEC, DDA 2009

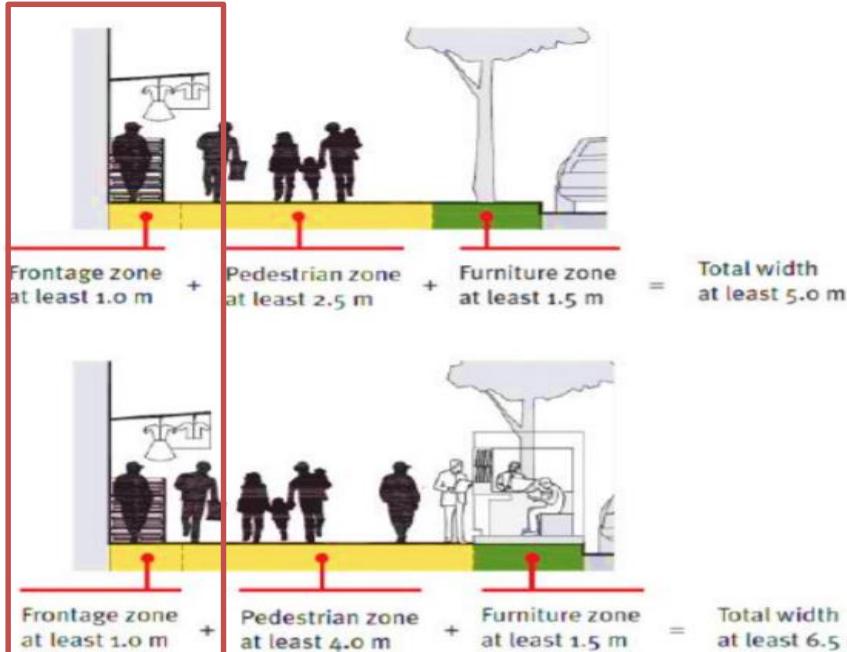


Urban Street Design Guidelines, Pune and
IRC: 103 - 2012, clause no. 6.1.5.2

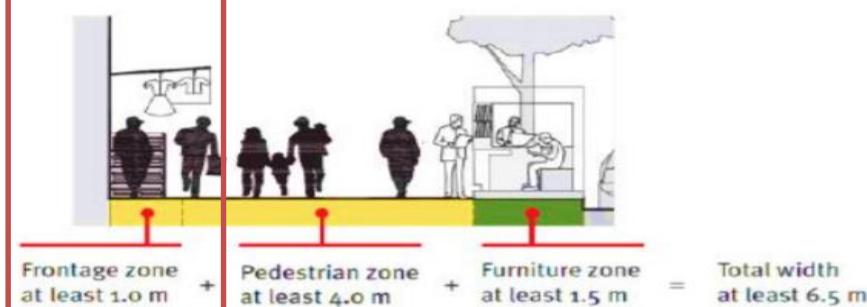
Since the pedestrian flow is determined by land use, the following sidewalk widths can be applied:

Residential Areas:	1.80 M (minimum)
Commercial/ Mixed Use Areas:	2.50 M
Commercial Nodes:	4.00 M

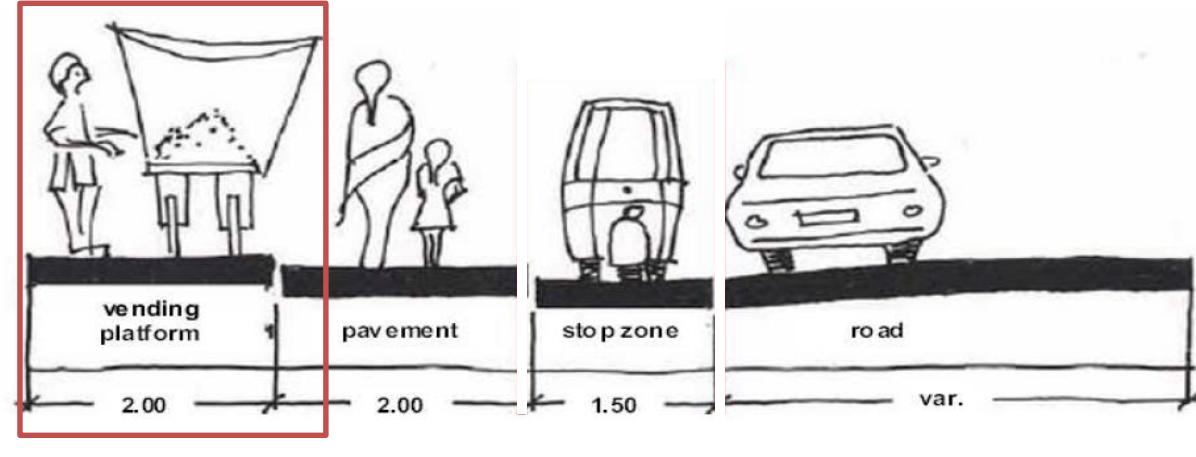
Commercial zone



High-intensity commercial zone



Street Vendors In Indian Cities : strategy, toolbox and public space design : Kanpur As An Example, 2011



RECOMMENDED CONCEPT



FOOD

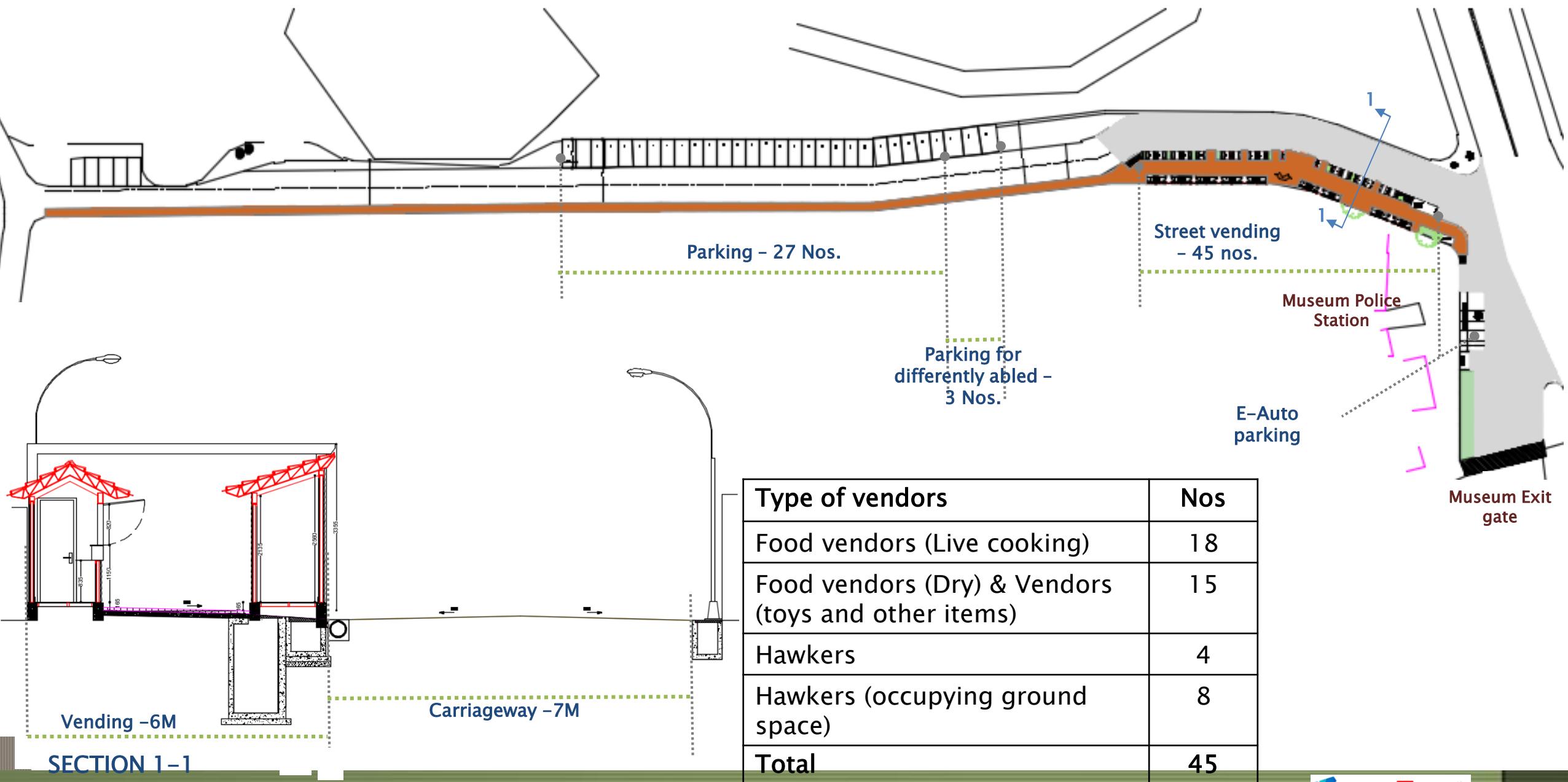


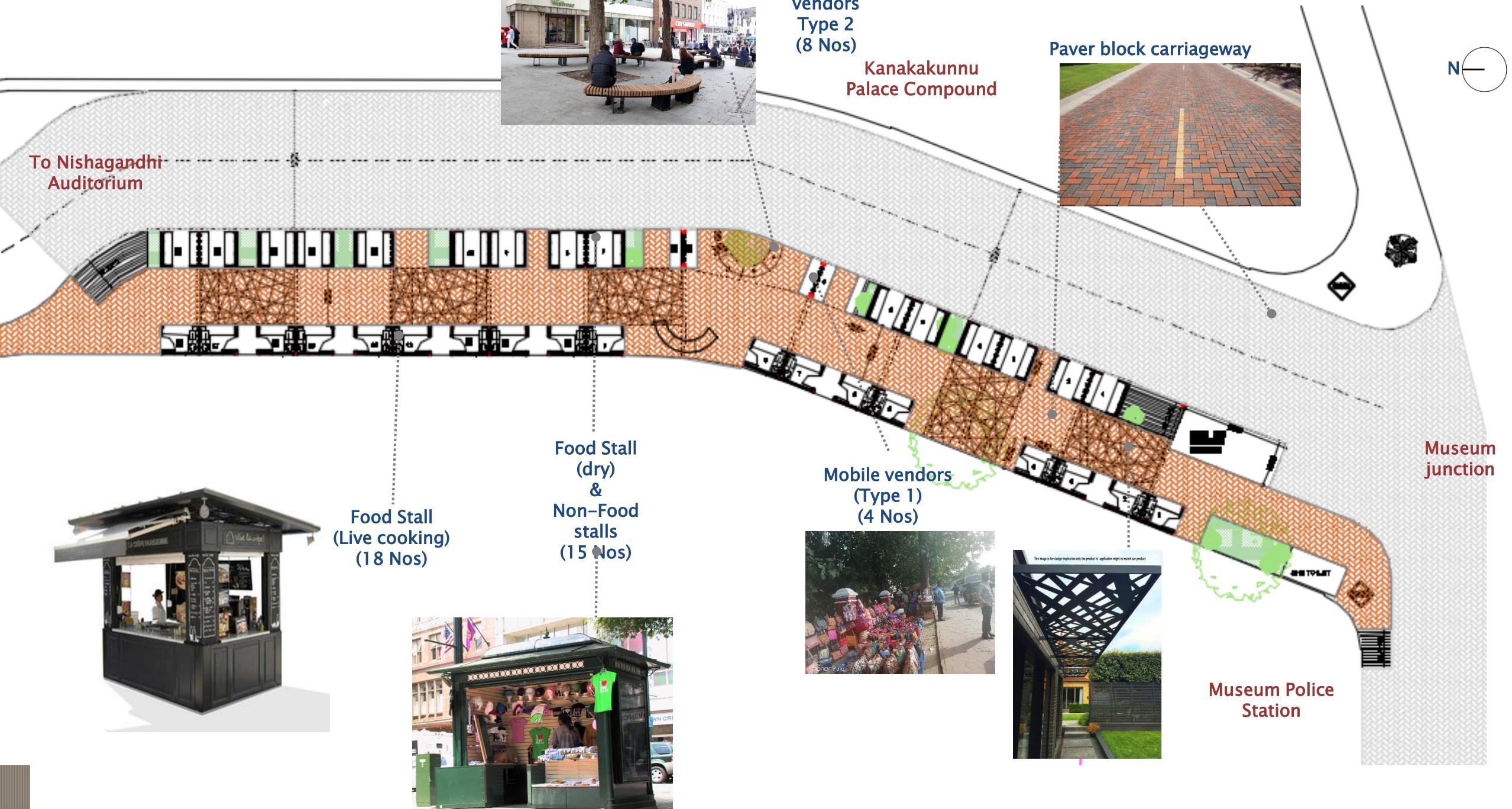
STREET VENDING WITH A CHARACTER



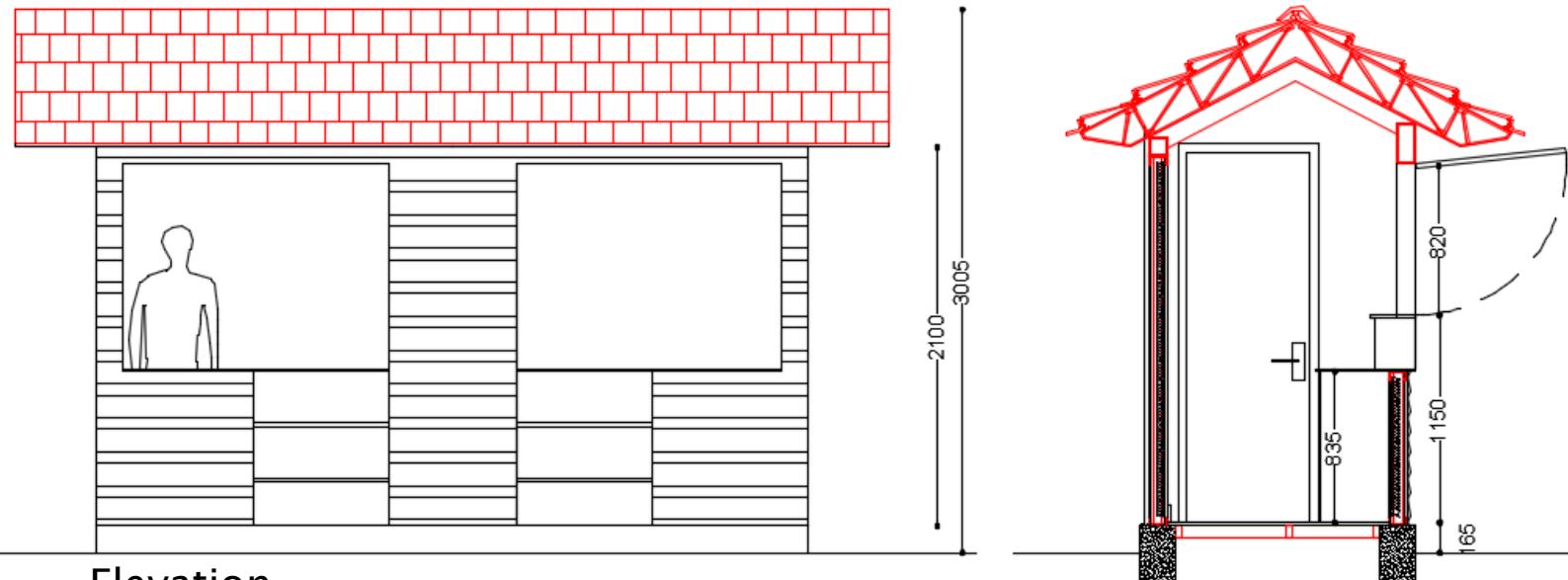
TOYS AND
BALLOONS

HANDICRAFTS

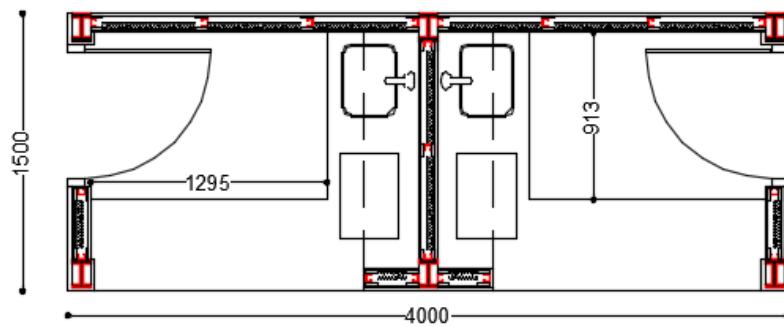




Food stall (live cooking) – 18 Nos

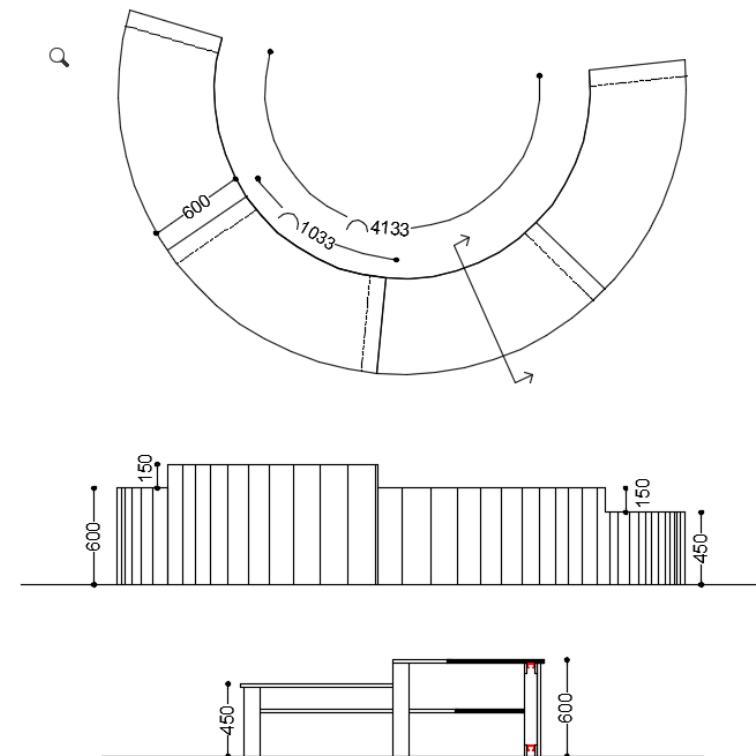


Elevation



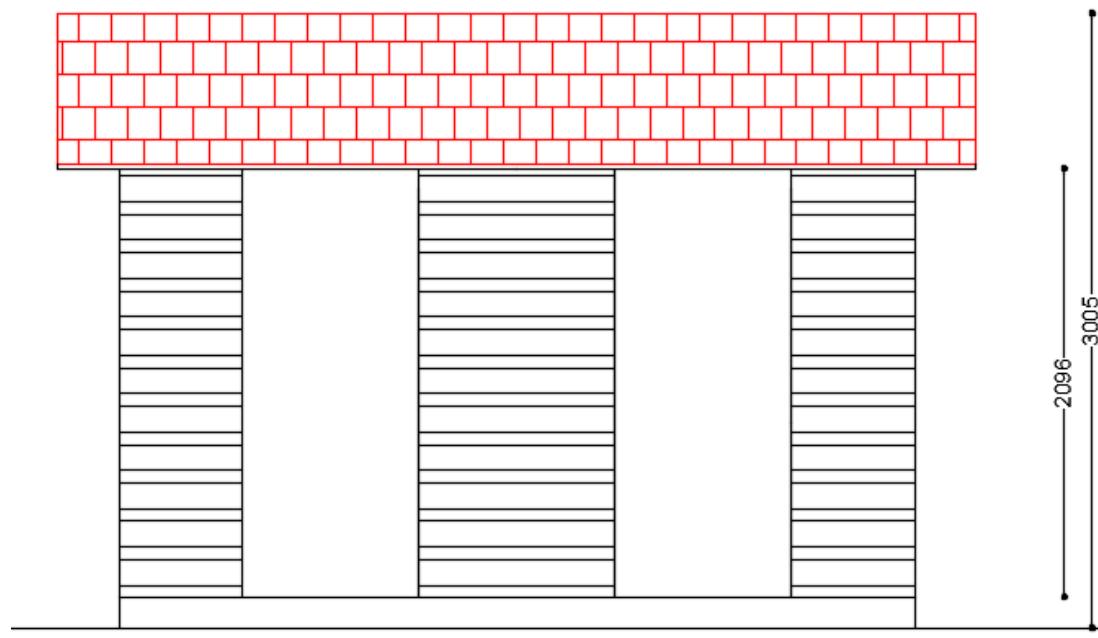
Plan

Hawkers (occupying floor space) – 8 Nos.

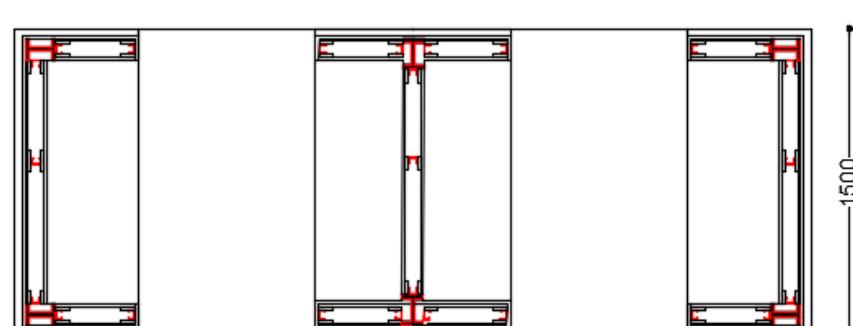


Food vendors (Dry) & Vendors (toys and other items) – 18 Nos

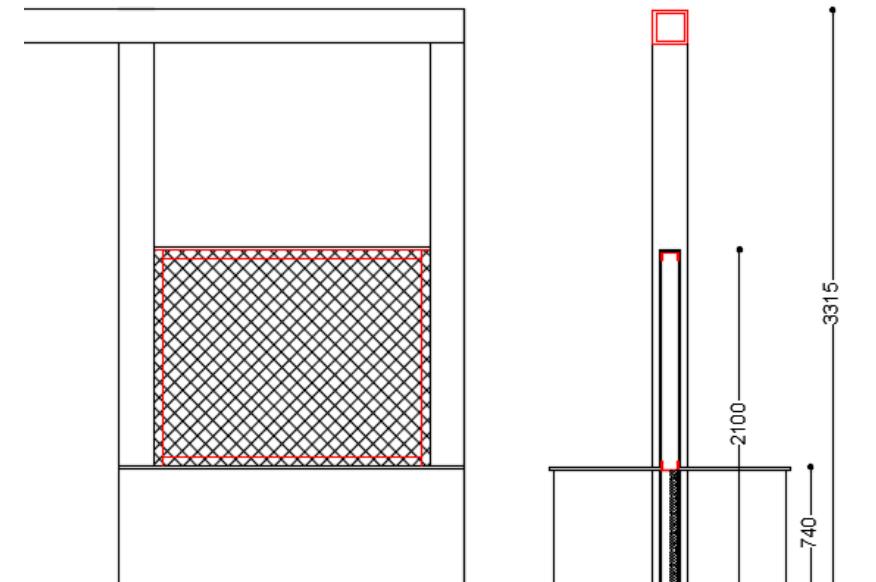
Hawkers- 4 Nos



Elevation

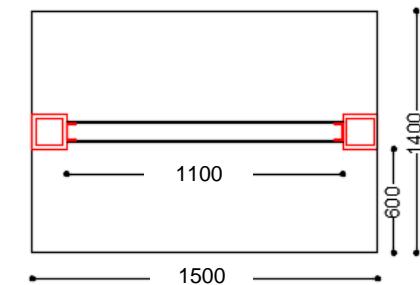


Plan



Elevation

Section



Plan

THANK YOU

