



(DECEMBER2019)

MONTHLY PROGRESS REPORT



Thiruvananthapuram Smart City



Submitted By



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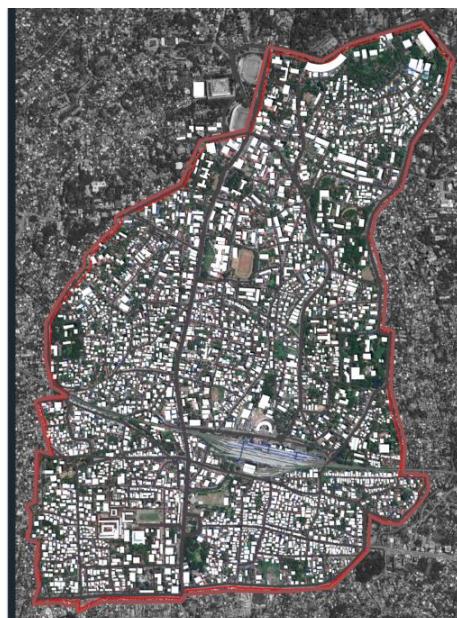
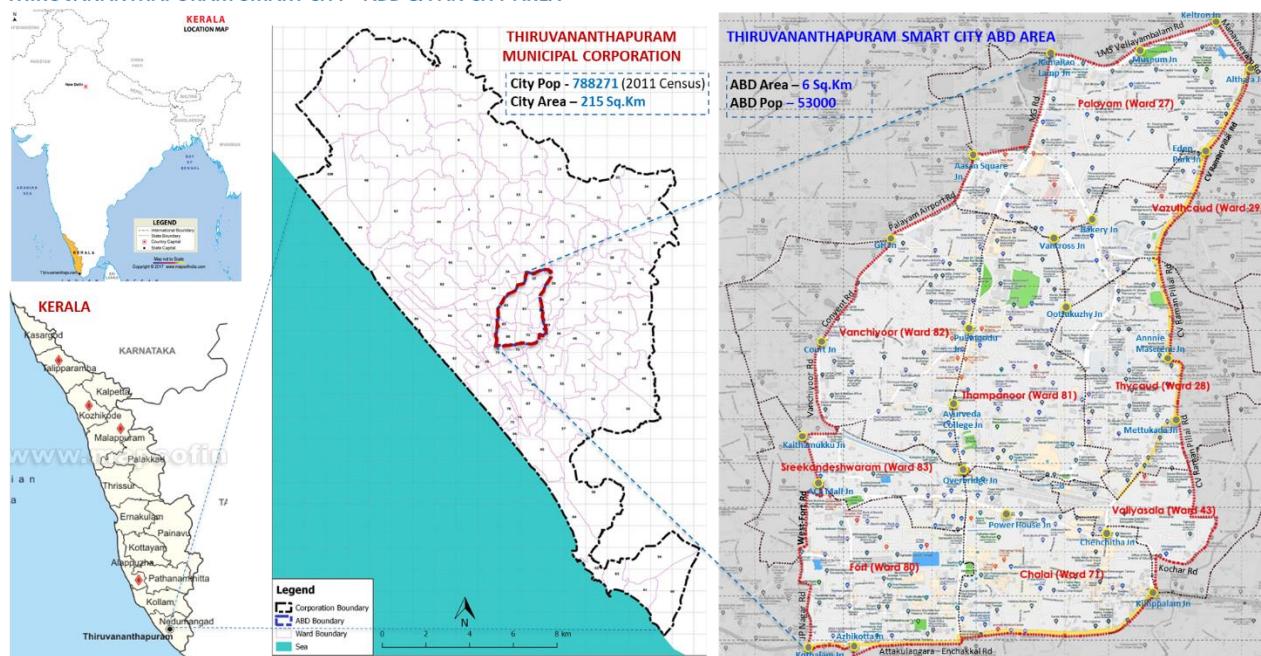
1 PROJECT INTRODUCTION AND BACKGROUND

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

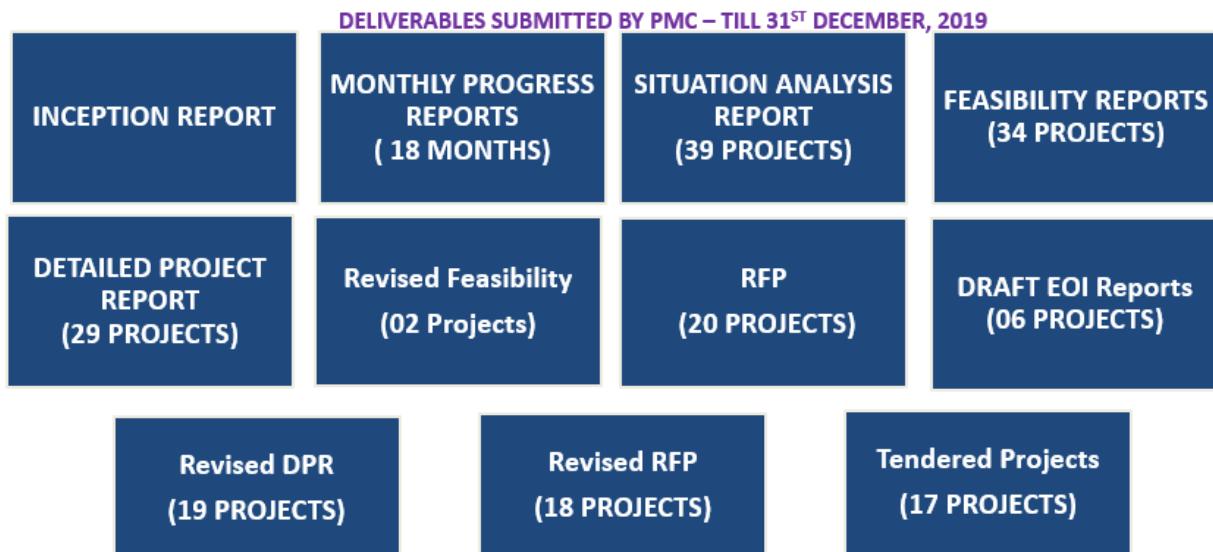


SCP MODULES	PROJECTS & COST	PROPOSED STRATEGIES
<u>Urban Basic Services</u>	15 Projects: Rs. 771.5 Cr	<ul style="list-style-type: none"> Improving Basic Services
<u>Land-Use Efficiency</u>	5 Projects: Rs. 238 Cr	<ul style="list-style-type: none"> Re-Densification with Creative Land-Use
<u>Cultural Identity & 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:

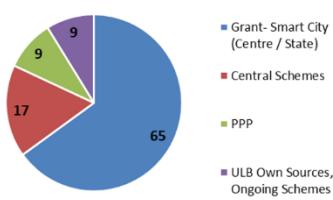
Details of Thiruvananthapuram SCP Smart City Projects, estimated sources of funds are indicated below:

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

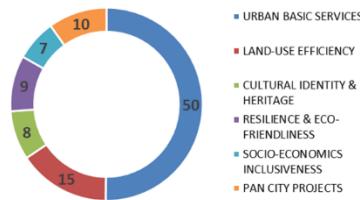
THIRUVANANTHAPURAM SMART CITY – SCP MODULES & ESTIMATED COSTS

Project Details		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												
Module wise %age Share of Total SCP Estimated Cost - Rs 1538.19 Cr																			
<table border="1"> <tr> <td>URBAN BASIC SERVICES</td> <td>50</td> </tr> <tr> <td>LAND-USE EFFICIENCY</td> <td>15</td> </tr> <tr> <td>CULTURAL IDENTITY & HERITAGE</td> <td>10</td> </tr> <tr> <td>RESILIENCE & ECO-FRIENDLINESS</td> <td>9</td> </tr> <tr> <td>SOCIO-ECONOMICS INCLUSIVENESS</td> <td>8</td> </tr> <tr> <td>PAN CITY PROJECTS</td> <td>7</td> </tr> </table>								URBAN BASIC SERVICES	50	LAND-USE EFFICIENCY	15	CULTURAL IDENTITY & HERITAGE	10	RESILIENCE & ECO-FRIENDLINESS	9	SOCIO-ECONOMICS INCLUSIVENESS	8	PAN CITY PROJECTS	7
URBAN BASIC SERVICES	50																		
LAND-USE EFFICIENCY	15																		
CULTURAL IDENTITY & HERITAGE	10																		
RESILIENCE & ECO-FRIENDLINESS	9																		
SOCIO-ECONOMICS INCLUSIVENESS	8																		
PAN CITY PROJECTS	7																		
Module wise %age Share of Total Smart City Grant - Rs 1000 Cr																			
<table border="1"> <tr> <td>URBAN BASIC SERVICES</td> <td>63</td> </tr> <tr> <td>LAND-USE EFFICIENCY</td> <td>16</td> </tr> <tr> <td>CULTURAL IDENTITY & HERITAGE</td> <td>4</td> </tr> <tr> <td>RESILIENCE & ECO-FRIENDLINESS</td> <td>13</td> </tr> <tr> <td>SOCIO-ECONOMICS INCLUSIVENESS</td> <td>4</td> </tr> <tr> <td>PAN CITY PROJECTS</td> <td>1</td> </tr> </table>								URBAN BASIC SERVICES	63	LAND-USE EFFICIENCY	16	CULTURAL IDENTITY & HERITAGE	4	RESILIENCE & ECO-FRIENDLINESS	13	SOCIO-ECONOMICS INCLUSIVENESS	4	PAN CITY PROJECTS	1
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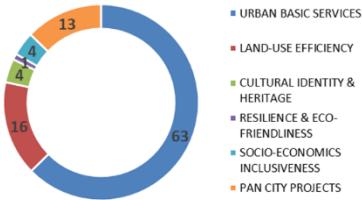
%age Share of Sources of Fund in Estimated SCP Cost (Rs 1538.19 Cr)



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, EoIs and MPRs submitted by PMC till 31st December 2019 are indicated in following table:

SITUATION ANALYSIS REPORT DELIVERABLES		DETAILED PROJECT REPORTS DELIVERABLES		REQUEST FOR PROPOSAL (RFP) DELIVERABLES	
39 PROJECTS, 20 REPORTS		27 PROJECTS, 47 REPORTS		20 PROJECTS, 21 REPORTS	
Redesign of Bus Stops with WiFi Hotspot Facilities	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	1 Last Mile Connectivity- Public Bicycle Sharing
Decentralised Solid Waste Management	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	2 Last Mile Connectivity- E-Autos
Upgradation of Existing Public Toilets	Upgradation of Existing Public Toilets	3 Decentralised Solid Waste Management	3 Decentralised Solid Waste Management	3 Drinking Water Fountains	3 Sustainable Campuses - (Solar Rooftop)
Drinking Water Fountains	Drinking Water Fountains	4 Upgradation of Existing Public Toilets	4 Upgradation of Existing Public Toilets	4 Interactive Information Kiosks & Display boards	4 Multi Level Car Parking (MLCP) cum Commercial Complexes (roofing and for construction and operation & maintenance of multi-level car parking facility)
MLCPs cum Commercial Complexes (4 Nos.)	MLCPs cum Commercial Complexes (4 Nos.)	5 Drinking Water Fountains	5 Drinking Water Fountains	5 Sustainable Campuses - (Solar Rooftop)	5 Redevelopment of Palajam Market - SWM
Last Mile Connectivity - E-Autos	Last Mile Connectivity - E-Autos	6 Last Mile Connectivity - E-Autos/E-Rickshaws in Smart City	6 Last Mile Connectivity - Public Bicycle Sharing	6 Sustainable Campuses - (Rainwater Harvesting)	6 Submission of "Notice / Expression of Interest" for the Pre-Qualification of Domestic (Indian) Entities Registered with Kerala PWD/Central PWD/Other Central or State Government Departments/State or Central Public Sector Undertakings equal to class B or class A Contractor license of such respective authorities for undertaking excavation, loading and transportation of buried solid waste at Palajam & Chalai Markets in Thiruvananthapuram City in the state of Kerala, India."
Sustainable Campuses - (Solar Rooftop)	Sustainable Campuses - (Solar Rooftop)	7 Last Mile Connectivity - Public Bicycle Sharing	7 Interactive Information Kiosks & Display boards	7 Redevelopment of existing public toilets (Phase-2)	7 Submission of "Notice / Expression of Interest" for the Pre-Qualification of Domestic (Indian) Entities Registered with Kerala PWD/Central PWD/Other Central or State Government Departments/State or Central Public Sector Undertakings equal to class B or class A Contractor license of such respective authorities for undertaking excavation, loading and transportation of buried solid waste at Palajam & Chalai Markets in Thiruvananthapuram City in the state of Kerala, India."
Integrated Social Housing Complex - Slum HMs	Integrated Social Housing Complex - Slum HMs	8 Interactive Information Kiosks & Display boards	8 Interactive Information Kiosks & Display boards	8 Smart Road - PHASE I	8 Smart Road - PHASE I
Linked Green Activity Zones - Parks & Open Spaces	Linked Green Activity Zones - Parks & Open Spaces	9 Cultural Streets - (Manaveyam Veedu)	9 Cultural Streets - (Manaveyam Veedu)	9 Smart Road - PHASE I	9 Smart Road - PHASE I
Sustainable Campuses - (Solar Rooftop)	Sustainable Campuses - (Solar Rooftop)	10 Linked Green Activity Zones - Parks and Open Spaces	10 Linked Green Activity Zones - Parks and Open Spaces	10 *Road and Junction Improvement	10 *Road and Junction Improvement
Integrated Social Housing Complex - Slum HMs	Integrated Social Housing Complex - Slum HMs	11 Sustainable Campuses - (Solar Rooftop)	11 Sustainable Campuses - (Solar Rooftop)	10 *Storm Water Drains	10 *Storm Water Drains
OAT at Putharkanda in Maladham	OAT at Putharkanda in Maladham	12 Integrated Social Housing Complex - Slum HMs	12 Integrated Social Housing Complex - Slum HMs	11 Sustainable Campuses - (Solar Rooftop) - 5 Buildings	11 Sustainable Campuses - (Solar Rooftop) - 5 Buildings
Sustainable Campuses - (Rainwater Harvesting)	Sustainable Campuses - (Rainwater Harvesting)	13 OAT at Putharkanda in Maladham	13 OAT at Putharkanda in Maladham	12 *Underground Ducting of Utilities	12 *Underground Ducting of Utilities
Upgradation of Anganwadis	Upgradation of Anganwadis	14 OAT at Putharkandam Maiyadanam	14 OAT at Putharkandam Maiyadanam	13 *Way Finding Signage and Markers	13 *Way Finding Signage and Markers
Heritage Trails & Walks	Heritage Trails & Walks	15 Sustainable Campuses - (Rainwater Harvesting)	15 Sustainable Campuses - (Rainwater Harvesting)	14 *NMT - Cycle Tracks, Footpaths, railings etc.	14 *NMT - Cycle Tracks, Footpaths, railings etc.
Charita Veedu	Charita Veedu	16 Heritage Trails & Walks	16 Heritage Trails & Walks	15 *Storm Water Drains	15 *Storm Water Drains
Smart Road	Smart Road	17 Charita Veedu	17 Charita Veedu	16 *Underground Ducting of Utilities	16 *Underground Ducting of Utilities
*Road and Junction Improvement	*Road and Junction Improvement	18 Smart Road	18 Smart Road	17 *Way Finding Signage and Markers	17 *Way Finding Signage and Markers
*Storm Water Drains	*Storm Water Drains	19 Upgradation of Anganwadis	19 Upgradation of Anganwadis	18 *Road and Junction Improvement	18 *Road and Junction Improvement
*Underground Ducting of Utilities	*Underground Ducting of Utilities	20 Smart Road - PHASE - II	20 Smart Road - PHASE - II	19 *Storm Water Drains	19 *Storm Water Drains
*Way Finding Signage and Markers	*Way Finding Signage and Markers	21 Linked Green Activity Zones- Open Gym	21 Linked Green Activity Zones- Open Gym	20 Smart Road - PHASE - II	20 Smart Road - PHASE - II
*NMT - Cycle Tracks, Footpaths railings etc.	*NMT - Cycle Tracks, Footpaths railings etc.	22 Linked green activity - Parks, Children Park	22 Linked green activity - Parks, Children Park	21 *Underground Ducting of Utilities	21 *Underground Ducting of Utilities
*On Street Parking lots	*On Street Parking lots	23 Linked green activity - Parks, Children Park	23 Linked green activity - Parks, Children Park	22 *Way Finding Signage and Markers	22 *Way Finding Signage and Markers
9 Redesign of Palayam Market	9 Redesign of Palayam Market	24 Smart Road	24 Smart Road	23 *NMT - Cycle Tracks, Footpaths railings etc.	23 *NMT - Cycle Tracks, Footpaths railings etc.
Centralised Command Control Centre	Centralised Command Control Centre	19 Redesign of Palayam Market	19 Redesign of Palayam Market	24 *On Street Parking lots	24 *On Street Parking lots
Smart Water Network	Smart Water Network	25 Centralised Command Control Centre	25 Centralised Command Control Centre	25 *Smart Mosquito Density System	25 *Smart Mosquito Density System
Traffic & Transportation -ITMS	Traffic & Transportation -ITMS	26 Smart Water Network	26 Smart Water Network	26 Command and Control Centre (Civil)	26 Command and Control Centre (Civil)
Smart Mosquito Density System	Smart Mosquito Density System	27 Traffic & Transportation -ITMS	27 Traffic & Transportation -ITMS	27 Heritage Trails & Walks - (ICT Components)	27 Heritage Trails & Walks - (ICT Components)
SWM Data Centre	SWM Data Centre	28 Smart Water Network	28 Smart Water Network	28 MLCPs cum Commercial Complexes - Thirumaloor (ICT Components)	28 MLCPs cum Commercial Complexes - Thirumaloor (ICT Components)
Safety & Security - Surveillance	Safety & Security - Surveillance	29 Safety & Security - Surveillance	29 Safety & Security - Surveillance	29 Interactive Information Kiosks & Display boards (IT Components)	29 Interactive Information Kiosks & Display boards (IT Components)
Unified e-Governance Portal	Unified e-Governance Portal	30 Unified e-Governance Portal	30 Unified e-Governance Portal	30 Interactive Information Kiosks & Display boards (IT Components)	30 Interactive Information Kiosks & Display boards (IT Components)
Disaster Management	Disaster Management	31 Disaster Management	31 Disaster Management	31 Interactive Information Kiosks & Display boards (IT Components)	31 Interactive Information Kiosks & Display boards (IT Components)
11 Centralised Command Control Centre (C/CU) *	11 Centralised Command Control Centre (C/CU) *	32 Heritage Conservation - Tanks			
12 On-Street Parking lots	12 On-Street Parking lots	33 Redesign of Bus Stops with WiFi Hotspot Facilities (ICT)	33 Redesign of Bus Stops with WiFi Hotspot Facilities (ICT)	33 Redesign of Bus Stops with WiFi Hotspot Facilities (ICT)	33 Redesign of Bus Stops with WiFi Hotspot Facilities (ICT)
13 Heritage Conservation	13 Heritage Conservation	34 Heritage Conservation - Tanks			
14 Heritage Conservation - Tanks	14 Heritage Conservation - Tanks	35 Interactive Information Kiosks & Display boards (IT Components)	35 Interactive Information Kiosks & Display boards (IT Components)	35 Interactive Information Kiosks & Display boards (IT Components)	35 Interactive Information Kiosks & Display boards (IT Components)
15 Integrated Transit node (East Fort Bus Stand)	15 Integrated Transit node (East Fort Bus Stand)	36 Smart Road - PHASE - IV			
16 Non Vehicular Zone	16 Non Vehicular Zone	37 Integrated City Management Control Center (ICMCC)			
17 Vending zones	17 Vending zones	38 SWM Data Centre			
18 Thirumanoor Railway Commercial Complex	18 Thirumanoor Railway Commercial Complex	39 Unified e-GOVERNANCE PORTAL			
19 Upgradation of Public Health Centres	19 Upgradation of Public Health Centres	40 Redesign of Palayam Market (ICT Components)			
20 Heritage Settlements (Agraharams)	20 Heritage Settlements (Agraharams)	41 Redesign of Palayam Market (Addendum Report)			
Renovation of Sri Anantha Padmanabhaswamy Temple Precinct	Renovation of Sri Anantha Padmanabhaswamy Temple Precinct	42 Vending zones	42 Vending zones	42 Vending zones	42 Vending zones
Facilities, Renovation of structures, connectivity signage, walkways	Facilities, Renovation of structures, connectivity signage, walkways	43 Upgradation of Public Health Centres (PHCs)			
22 Anantha - Phase II (Disaster Management)	22 Anantha - Phase II (Disaster Management)	44 Rehabilitation Facility for Palayam Vendors			
Warehouse facilities with ancillary activities at Chalai - Chalai warehouse with commercial complex	Warehouse facilities with ancillary activities at Chalai - Chalai warehouse with commercial complex	45 Smart Road - Phase AB (PWD Roads)	45 Smart Road - Phase AB (PWD Roads)	45 Smart Road - Phase AB (PWD Roads)	45 Smart Road - Phase AB (PWD Roads)
20 Integrated Transit mode (Excl. Fort Bus Stand)	20 Integrated Transit mode (Excl. Fort Bus Stand)	46 MLCPs cum Commercial Complexes (Palayam)			
21 Temple Precinct	21 Temple Precinct	47 Smart Road Network			

Table 2: Thiruvananthapuram Smart City Project brief progress (as on 31st December 2019)

MODULE STATUS	No. of SCP Projects	Amount in Cr.
ABD PROJECTS		
DPR Completed	22	571.26
Administrative Sanction Received	20	455.50
Technical Sanction Received	18	88.85
Tendered	11	54.24
Work Awarded	7	8.63
PAN CITY PROJECTS		
DPR Completed	5	123.14
Administrative Sanction Received	4	49.26
Technical Sanction Received	3	48.64
Tendered	2	41.22
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 (Without Convergence)		
DPR Completed	27	694.40
Administrative Sanction Received	24	504.76
Technical Sanction Received	21	137.49
Tendered	13	95.46
Work Awarded	7	8.63

SMART CITY PROJECTS KEY PROGRESS STATUS (excluding Convergence)

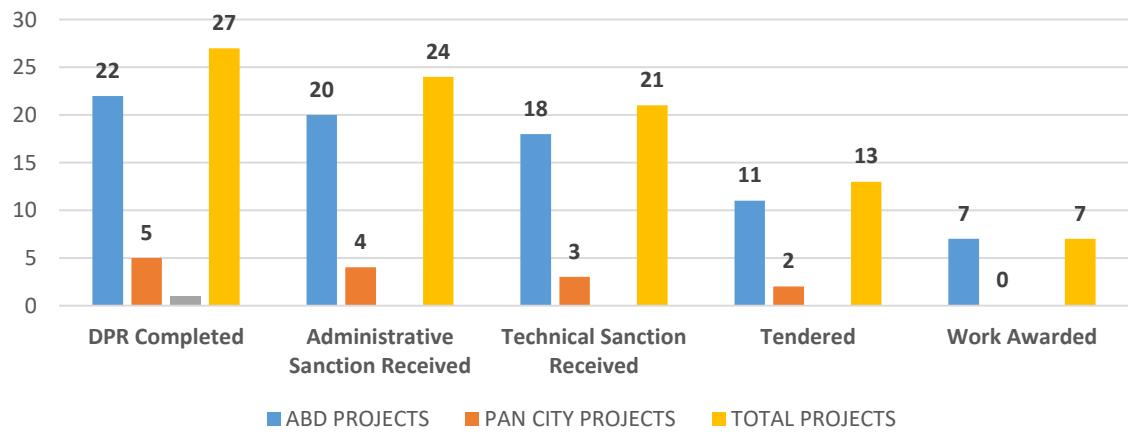


Table 3 Project Wise Current Status and DPR cost

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	394.16
9 Way Finding Signage and Markers		0.57		
10 NMT (Cycle Tracks and Footpaths Railing, Pavers, Formation, 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	5.07
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		451.39
B LAND-USE EFFICIENCY				
16 Thampanoor Railway Commercial Complex		44.38	CONSENT AWAITED	
17 Redevelopment of Palayam Market		118.22	DPR SUBMITTED	80.86
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	TENDER ISSUED	15.93
MODULE SUB TOTAL		238.00		96.79

PROJECT WISE PROGRESS STATUS



Particulars		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	0.95
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 PadmanabhaSwamy 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	5.22
28 Cultural streets - (Manveeyam Veedhi)		3.40	DPR SUBMITTED	1.60
29 Heritage settlements (Agraharams)		4.68	CONSENT AWAITED	
MODULE SUB TOTAL		126.48		90.16
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/DPR Submitted	2.77
35 Vending zones		5.27	DPR SUBMITTED	2.43
MODULE SUB TOTAL		106.44		5.20
ABD MODULES SUB TOTAL		1386.12		660.47
PAN CITY PROJECTS				
1 Centralised Command Control Centre		29.63	DPR SUBMITTED (CIVIL & ICT)	73.87
2 Smart Water Network		58.55	DPR SUBMITTED	
3 Traffic & Transportation - (Intelligent transport, variable Message Signboards & Smart Parking)		23.96	TENDER ISSUED along with ATCS	48.64
4 Safety & Security - (CCTV Camera Surveillance System & Street Lighting with Control System)		23.74		
5 Smart Mosquito Density System		0.54	DPR SUBMITTED	0.63
6 SWM Data Centre		0.12	DPR UNDER PREPARATION	
7 Unified e-GOVERNANCE PORTAL		5.00	DPR UNDER PREPARATION	
8 Disaster Management - (Local Warning cum Response System)		10.54	DPR UNDER PREPARATION	
MODULE SUB TOTAL		152.08		123.14
GRAND TOTAL (including Convergence)		1538.19		783.61

2.3 Project Tenders Floated

Details of project tenders floated till 31st December 2019 are indicated below:

Table 4: Details of tendered projects till 31st December 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)/3 A	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/RF P/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
			SCTL/PRJ/223/2019/UD/RFP-Tanks/01	03.12.2019	21/12/2019; 1730 Hrs IST	24/12/2019; 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
17	Selection of System Integrator for TSCC and ATCS	Rs. 59,01,94,901	SCTL-PRJ/241/2019-IT	19.12.2019	31/01/2020; 1600 Hrs IST	04/02/2020; 1200 Hrs IST

2.4 Notice (Expression of Interest) Floated

Details of Notice (Expression of Interest) Floated till 31st December 2019 are indicated below:

Table 5: Details of Expression of Interest Floated till 31st December 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:

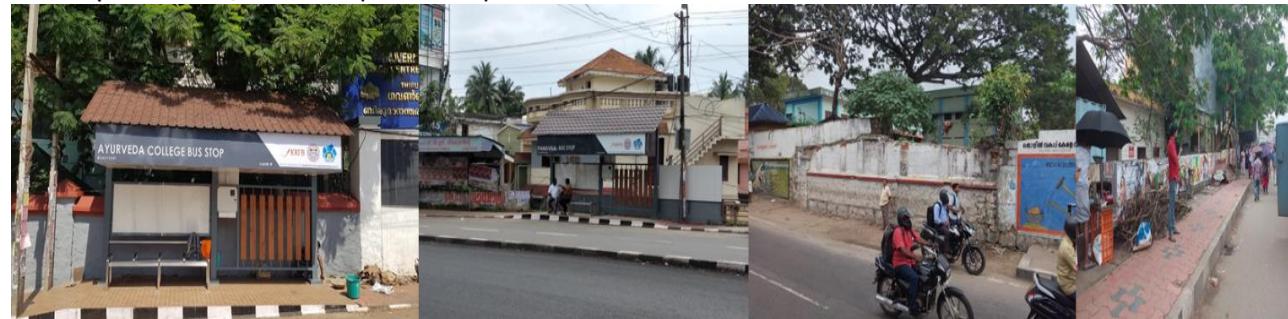
As per PMC ToR, for implementation of tendered projects, Letter of Awards (LoAs), Signed Agreements, facilitation of sanction drawings is being coordinated with SCTL and the finalised contractors. Following are the details of projects under implementation stage as on 31st December 2019:

Table 6: Details of Implementation of Tendered Projects as on 31st December 2019

PROJECT DETAILS		SUB PROJECT DETAILS		IMPLEMENTATION		
S.N	PROJECT NAME	S.	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 HANOVER		
		3	Sulabh Toilet - Corporation	UNDER PROGRESS		Contract Terminated
		4	Sulabh Toilet - Vanchiyoor	SITE YET TO HANOVER		
		5	Sulabh Toilet - Putharikhandam Maidam	UNDER PROGRESS		Contract Terminated
		6	Sulabh Toilet - Thampanoor	SITE YET TO HANOVER		
2	Information Kiosk with Wi-fi facilities	1	Corporation Campus	UNDER PROGRESS	30-05-2019	
		2	Gandhi park	UNDER PROGRESS		Contract Terminated
3	Redevelopment of Bus Queue shelters at 6 locations	1	Womens college	SITE YET TO HANOVER	24-05-2019	
		2	Panavila	COMPLETED		
		3	Killipalam boys school- loc 1	UNDER PROGRESS		25-Jan-20
		4	Killipalam boys school- loc 2	STARTED/ WORK HOLD		
		5	Thampanoor railway station	STARTED		31-Mar-20
		6	Ayurveda college	COMPLETED		
4	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	
		2	Sreekandeswaram Park			
		3	Sree Chithira thirunal Park			
5	Upgradation of Anganwady at three identified locations	1	Rajaji Nagar, Chenkalchoola (Centre no: 63)	UNDER PROGRESS	08.08.2019	31-Jan-20
		2	Thampanoor UP School-Centre no: 61	UNDER PROGRESS	02.08.2019	31-Jan-20
		3	Fort Sanskrit School-Centre no 60	STARTED	3.11.2019	31-Jan-20

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

In the month of December 2019, PMC team has made 30 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 December 2019:

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

S.N	Project Name	Ref Letter No.	Date	Document Name
1	Warehouse facilities with ancillary activities at Chalai	PMC/PD/PP-2/SAR/06	02-Dec-19	SAR Submission
2	Redevelopment of Palayam Market	PMC/PD/PP/DPR/08f	02-Dec-19	Drawing of Excavation Details
3	Heritage Conservation - (Tanks)	SCTL/PMC/PD/PP-2/RFP/02a	03-Dec-19	Revised RFP
4	Redevelopment of Palayam Market	PMC/PD/PP/DPR/08g	03-Dec-19	Architectural Drawing Details
5	Upgradation of Public Health centres (PHCs)	PMC/PD/PP/DPR/11	04-Dec-19	DPR Submission
6	Redevelopment of Palayam Market	PMC/PD/PP/DPR/08h	05-Dec-19	Structural Drawing (Roof Truss & Bridge)
7	Underground ducting of utilities: Smart Road – Chala Market Road & Manaveeyam Veedhi	PMC/PD/PP-2/DPR/01d	05-Dec-19	Revised Estimates and Drawings
8	Phase - II – Underground ducting of utilities: Smart Road – Road Signages & Utility Ducting Plans	PMC/PD/PP-2/DPR/03c	05-Dec-19	Revised Estimate (PWD Roads)
9	Monthly Progress Report (MPR)	SCTL/PMC/PD/88	07-Dec-19	MPR- November - 2019
10	Warehouse facilities with ancillary activities at Chalai	PMC/PD/PP-2/SAR/06a	09-Dec-19	Revised SAR
11	Decentralised Solid Waste Management (Palayam SWM)	IPE- SCTL/PMC/PD/DPR-06c	09-Dec-19	Addendum Report (Shortfall Documents Palayam)
12	Phase - II – Underground ducting of utilities: Smart Road – Road Signages & Utility Ducting Plans	PMC/PD/PP-2/DPR/03d	09-Dec-19	Revised Estimate (Corporation Road)
13	Redevelopment of Palayam Market	PMC/PD/PP/DPR/08i	10-Dec-19	Revised Estimate (Civil)
14	Integrated City Management Control Center (ICMCC)	PMC/PD/PP/DPR/09b	11-Dec-19	Revised DPR (ICT)
15	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-05a	12-Dec-19	Revised RFP
16	Adaptive Traffic Control System (ATCS)	PMC/PD/PP2/DPR/06d	12-Dec-19	Revised DPR
17	MLCPs cum Commercial Complexes - Palayam A Block	SCTL/PMC/PD/FR-10a	16-Dec-19	FEASIBILITY REPORT SUBMISSION
18	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-05b	19-Dec-19	Revised RFP for Publishing
19	Rehabilitation Facility for Palayam Vendors'	PMC/PD/PP/FR/10	20-Dec-19	FEASIBILITY REPORT SUBMISSION
20	Heritage Trails & Walks - Façade, Wall painting & Floor Marking	SCTL/PMC/PD/PP/DPR-06g	20-Dec-19	Revised DPR
21	Redevelopment of Palayam Market	SCTL/PMC/PD/PP/RFP-06	21-Dec-19	Draft RFP Submission - (Selection of Contractor for

S.N	Project Name	Ref Letter No.	Date	Document Name
				Redevelopment of Palayam Market, Pit Puzzle Multi Level Car Parking in Basement and Pre-Fabricated Structure and Maintenance of Pit Puzzle Multi Level Car Parking Facilities at Palayam, Thiruvananthapuram)
22	Redesign of Bus Stops with WiFi Hotspot Facilities	SCTL/PMC/PD/DPR-07/P2f	26-Dec-19	DPR Submission (PH- II - 13 Locations alongwith KRB Road)
23	Vending Zones	PMC/PD/PP/DPR/10a	26-Dec-19	Revised DPR Submission
24	MLCPs cum Commercial Complexes - Palayam Basement	SCTL/PMC/PD/RFP-11	27-Dec-19	DRAFT BIDDING DOCUMENTS: 'Multi Level Car Parking (MLCP) cum Commercial Complex (Supply, Installation, Testing & Commissioning and Operation and Maintenance of Pit Puzzle Multi Level Car Parking in Basement of Palayam Market, Thiruvananthapuram) in Smart City ABD area'
25	Urban Street Haat - (Charitha Veedhi)	SCTL/PMC/PD/RFP-11	27-Dec-19	Revised DPR Submission
26	Redevelopment of Palayam Market	SCTL/PMC/PD/PP/RFP-06a	27-Dec-19	Draft RFP Submission
27	'Setting up Command and Control Centre for Pan City ICT Component	PMC/PD/PP/DPR/07d	28-Dec-19	Revised DPR Submission (Civil)
28	Warehouse facilities with ancillary activities at Chalai	PMC/PD/PP-2/FR/05	31-Dec-19	FEASIBILITY REPORT SUBMISSION
29	Integrated Transit node (East Fort Bus Stand)	PMC/PD/PP-2/FR/06	31-Dec-19	FEASIBILITY REPORT SUBMISSION
30	Phase - IV B – Underground ducting of utilities: Smart Road	PMC/PD/PP-2/DPR/07b	31-Dec-19	Detailed Project Report

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

REDEVELOPMENT OF PALAYAM MARKET

PROJECT DOMAIN: LAND USE EFFICIENCY
DOCUMENT NUMBER - PD/PP/DPR/08g

Thiruvananthapuram Smart City

Submitted By
IPE GLOBAL (LEAD MEMBER) **JLL** (ASSOCIATE MEMBER)

Making Development a Ground Reality
Integrity Innovation Passion Perseverance Learning

ARCHITECTURAL DRAWINGS

REVISED SITUATION ANALYSIS REPORT
CHALAI WAREHOUSE & COMMERCIAL COMPLEX

PROJECT DOMAIN: LAND USE EFFICIENCY
DOCUMENT NUMBER - P/MC/PP/2/SCP/08

Thiruvananthapuram Smart City

Submitted By
IPE GLOBAL (LEAD MEMBER) **JLL** (ASSOCIATE MEMBER)

Making Development a Ground Reality
Integrity Innovation Passion Perseverance Learning

DETAILED ESTIMATE - PHASE II-A

SMART ROAD: UNDERGROUND DUCTING OF UTILITIES
Aalhara to Attukalangara Stretch & Chalai Eye roads

Thiruvananthapuram Smart City

Submitted By
IPE GLOBAL (LEAD MEMBER) **JLL** (ASSOCIATE MEMBER)

Making Development a Ground Reality
Integrity Innovation Passion Perseverance Learning

DETAILED PROJECT REPORT

UPGRADATION OF PUBLIC HEALTH CENTERS (PHCs)
UHPC - Rajaji Nagar

Thiruvananthapuram Smart City

Submitted By
IPE GLOBAL (LEAD MEMBER) **JLL** (ASSOCIATE MEMBER)

Making Development a Ground Reality
Integrity Innovation Passion Perseverance Learning

STRUCTURAL VETTING DRAWINGS - PART 2
ROOF TRUSS AND BRIDGE

REDEVELOPMENT OF PALAYAM MARKET

Thiruvananthapuram Smart City

Submitted By
IPE GLOBAL (LEAD MEMBER) **JLL** (ASSOCIATE MEMBER)

Making Development a Ground Reality
Integrity Innovation Passion Perseverance Learning

DETAILED ESTIMATE- PHASE 1 (REVISED)

SMART ROAD:UNDERGROUND DUCTING OF UTILITIES
CHALAI MARKET ROAD & MANAVEYYAM VEEDHI

Thiruvananthapuram Smart City

SCP Module: Urban Basic Services
Document Number: PD/PP-2/DPR/01d

REDEVELOPMENT OF PALAYAM MARKET

PROJECT DOMAIN: LAND USE EFFICIENCY
DOCUMENT NUMBER - P/MC/PP/2/SCP/08

DRAWING- EXCAVATION DETAILS

REDEVELOPMENT OF PALAYAM MARKET

PROJECT DOMAIN: LAND USE EFFICIENCY
DOCUMENT NUMBER - P/MC/PP/2/SCP/08

CHALAI WAREHOUSE & COMMERCIAL COMPLEX

PROJECT DOMAIN: LAND USE EFFICIENCY
DOCUMENT NUMBER - P/MC/PP/2/SCP/08

Smart City

Smart City Thiruvananthapuram Limited

National Competitive Bidding
Request for Proposal (RFP) for Selection of Contractor for Temple Tanks
Improvements in Thiruvananthapuram
03rd November, 2019
Notice Inviting Tender (NIT)

Chief Executive Officer
SMART CITY THIRUVANANTHAPURAM LIMITED
4th Floor, Velocity Square,
Opp. AD/ Office, MG Road, Near Seva
Thiruvananthapuram, Kerala, India
E-mail: info@smartcitytn.com
Website: www.smartcitytn.com

NOVEMBER 2019
MONTLY PROGRESS REPORT

DETAILED PROJECT REPORT (Revised)

ADAPTIVE TRAFFIC CONTROL SYSTEM (ROAD & JUNCTION IMPROVEMENT)

PROJECT DOMAIN: URBAN BASIC SERVICES
DOCUMENT NO.: PMC/PC/PP/2/DP/64

Thiruvananthapuram Smart City

Submitted By
IPE GLOBAL **JLL**
(LEAD MEMBER) (ASSOCIATE MEMBER)

Making Development a Ground Reality
Integrity Innovation Passion Perseverance Learning

DETAILED PROJECT REPORT (Revised)

INTEGRATED CITY MANAGEMENT CONTROL CENTRE (ICMCC)

PROJECT DOMAIN: ICT- PAN City
DOCUMENT NUMBER: SCM-PMC/SC/PP/2/DP/004

Thiruvananthapuram Smart City

Submitted By
IPE GLOBAL **JLL**
(LEAD MEMBER) (ASSOCIATE MEMBER)

Making Development a Ground Reality
Integrity Innovation Passion Perseverance Learning

PMC to Design, Develop, Manage and Implement Smart City Projects

REHABILITATION FACILITY FOR PALAYAM VENDORS'

PROJECT DOMAIN: LANDUSE EFFICIENCY
DOCUMENT NUMBER - PMC/PO/PP/FR-10

Thiruvananthapuram Smart City

Submitted By
IPE GLOBAL **JLL**
(LEAD MEMBER) (ASSOCIATE MEMBER)

Making Development a Ground Reality
Integrity Innovation Passion Perseverance Learning

PMC to Design, Develop, Manage and Implement Smart City Projects

FEASIBILITY REPORT

MULTI LEVEL CAR PARKING AT PALAYAM-A BLOCK

PROJECT DOMAIN: URBAN BASIC SERVICES
DOCUMENT NUMBER - SCM/PMC/PO/FR-10a

Thiruvananthapuram Smart City

Submitted By
IPE GLOBAL **JLL**
(LEAD MEMBER) (ASSOCIATE MEMBER)

Making Development a Ground Reality
Integrity Innovation Passion Perseverance Learning

PMC to Design, Develop, Manage and Implement Smart City Projects

DETAILED ESTIMATE - PHASE II-B REVISED

SMART ROAD UNDERGROUND DUCTING OF UTILITIES

Chalai Bye Roads-(TMC roads)

Thiruvananthapuram Smart City

SCP Module: Urban Basic Services
Document Number: PD/PP-2/DPR/03d

PMC to Design, Develop, Manage and Implement Smart City Projects

REDEVELOPMENT OF PALAYAM MARKET

PART 2- ESTIMATION & QUOTATION

PROJECT DOMAIN: LAND USE EFFICIENCY
DOCUMENT NUMBER: PD/PP/DP/008

Thiruvananthapuram Smart City

Submitted By
IPE GLOBAL **JLL**
(LEAD MEMBER) (ASSOCIATE MEMBER)

Making Development a Ground Reality
Integrity Innovation Passion Perseverance Learning

PMC to Design, Develop, Manage and Implement Smart City Projects

Smart City Thiruvananthapuram Limited

Selection of System Integrator for Traffic & Safety Command Control Centre (TSCCC) and Adaptive Traffic Control System (ATCS)

18th December, 2019
Notice Inviting Tender (NIT)

Chief Executive Officer
SMART CITY THIRUVANANTHAPURAM LIMITED
4th Floor, Heliyon Square,
Opp. AG's Office, MG Road, Near Statue,
Thiruvananthapuram - 695 001, India
E-mail: smartcity@vpmkerala.org
Website: smartcityvpmkerala.org

Thiruvananthapuram Smart City

Submitted By
IPE GLOBAL **JLL**
(LEAD MEMBER) (ASSOCIATE MEMBER)

Making Development a Ground Reality
Integrity Innovation Passion Perseverance Learning

Smart City Thiruvananthapuram Limited

National Competitive Bidding
Selection of Contractor for Redevelopment of Palayam Market at Palayam, Thiruvananthapuram 22nd December, 2019 Notice Inviting Tender (NIT)

Chief Executive Officer
SMART CITY THIRUVANANTHAPURAM LIMITED
4th Floor, Facility Square,
Opp. AGO Office, MG Road, New Status,
Thiruvananthapuram - 695 001, India
Email: pmctdpm@smartcitytnm.in
Website: <https://smartcitytnm.in>

DETAILED PROJECT REPORT
URBAN STREET HAAT: CHARITHRA VEEDHI

PROJECT DOMAIN: URBAN PLANNING AND DFMON DOCUMENT NUMBER - PMC/PD/PP-2/DP/024

PMC to Design, Develop, Manage and Implement Smart City Projects

Thiruvananthapuram Smart City

Submitted By
IPE GLOBAL (LEAD MEMBER) **JLL** (ASSOCIATE MEMBER)

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

FEASIBILITY REPORT

Transit Node at East Fort

PROJECT DOMAIN: URBAN BASIC SERVICES DOCUMENT NUMBER - PMC/PD/PP-2/FR-06

DETAILED PROJECT REPORT
SMART ROADS: UNDERGROUND DUCTING OF UTILITIES (PWD Roads in ABD)

Thiruvananthapuram Smart City

SCP Module: Urban Basic Services Document Number: P0-PP-2/DP/078 December 31, 2019

PMC to Design, Develop, Manage and Implement Smart City Projects

Thiruvananthapuram Smart City

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Making Development a Ground Reality Integrity Innovation Passion Perseverance Learning

Smart City Thiruvananthapuram Limited

National Competitive Bidding
Selection of Contractor for Supply, Installation, Testing & Commissioning and Operation and Maintenance of Public Multi Level Car Parking in Basement of Palayam Market, Thiruvananthapuram 26th December, 2019 Notice Inviting Tender (NIT)

Chief Executive Officer
SMART CITY THIRUVANANTHAPURAM LIMITED
4th Floor, Facility Square,
Opp. AGO Office, MG Road, New Status,
Thiruvananthapuram - 695 001, India
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Thiruvananthapuram Smart City

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Making Development a Ground Reality
Integrity Innovation Passion Perseverance Learning

DETAILED PROJECT REPORT
(FAST TRACK PHASE-1 PROJECTS)

Redesign of Bus Stops with Wi-Fi Hotspot Facilities – Phase 2 (Along KRB Road)

CIVIL & ELECTRICAL WORKS

ROAD IMPROVEMENTS & TRANSPORT PLANNING DOCUMENT NO. - SCT/P/PMC/POTDR-07/2019

Thiruvananthapuram Smart City

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Making Development a Ground Reality Integrity Innovation Passion Perseverance Learning

FEASIBILITY REPORT
CHALAI WAREHOUSE & COMMERCIAL COMPLEX

PROJECT DOMAIN: LAND USE EFFICIENCY DOCUMENT NUMBER:PMC/0/PP-2/FR/05

PMC to Design, Develop, Manage and Implement Smart City Projects

Thiruvananthapuram Smart City

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DETAILED PROJECT REPORT (REVISED)

COMMAND AND CONTROL CENTRE (CIVIL)

PROJECT DOMAIN: URBAN BASIC SERVICES DOCUMENT NUMBER - PMC/PD/PP/DPR/076

Smart City Thiruvananthapuram Limited

National Competitive Bidding
Selection of Contractor for Redevelopment of Palayam Market, Pit Puzzle Multi Level Car Parking in Basement and Pre-Fabricated Structure and Maintenance of Pit Puzzle Multi Level Car Parking Facilities at Palayam, Thiruvananthapuram 22nd December, 2019 Notice Inviting Tender (NIT)

Chief Executive Officer
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REVISED DETAILED PROJECT REPORT
VENDING ZONES PROJECT: RKV ROAD

PROJECT DOMAIN: SOCIO-ECONOMIC INCLUSIVENESS DOCUMENT NUMBER - PMC/PD/PP/DPR/108

PMC to Design, Develop, Manage and Implement Smart City Projects

Thiruvananthapuram Smart City

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Thiruvananthapuram Smart City

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4.1 Key Projects/Progress/Review Presentations:

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

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

S.N	Date	Stakeholder/Department	Project Name	Key Agenda
1	06-Dec-19	Sh Bala Kiran, IAS, CEO, SCTL	ITMS	TVM Smart City-Draft RFP ITMS-06.12.2019
2	06-Dec-19	Sh Bala Kiran, IAS, CEO, SCTL	Heritage Trail Walks	AS Committee
3	10-Dec-19	Sh Bala Kiran, IAS, CEO, SCTL	ITMS	TVM Smart City-Draft RFP ITMS-10.12.2019
4	11-Dec-19	Sh Bala Kiran, IAS, CEO, SCTL	Redevelopment of Palayam Market	PALAYAM VENDORS' REHAB FACILITY - Review
5	13-Dec-19	Sh Bala Kiran, IAS, CEO, SCTL	ICCC	AS Committee
6	17-Dec-19	Sh Bala Kiran, IAS, CEO, SCTL	ICCC	Design Finalization
7	17-Dec-19	Sh Bala Kiran, IAS, CEO, SCTL	Heritage Trail Walks	Revised signage design

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





5 LETTERS SUBMITTED:

During the month of December 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 December 2019

S.N	Letter No	Date	Subject	Address to
1	PMC/PD/PP-2/SAR/06	02-Dec-19	Submission of Project deliverable - Situation Analysis Report- Warehouse facilities with ancillary activities at Chalai- Chalai warehouse with commercial complex (under LAND-USE EFFICIENCY Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
2	PMC/PD/PP/DPR/08f	02-Dec-19	Submission of Drawing of Excavation Details - Redevelopment of Palayam Market (under Land Use Efficiency Module in SCP)	Sh. P. Bala Kiran (IAS), CEO, SCTL
3	SCTL/PMC/IMPL/Bus-Stops/28	02-Dec-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
4	SCTL/PMC/IMPL/Bus-Stops/29	02-Dec-19	Redevelopment of Bus Queue Shelters at 6 Identified Locations – Contractor's Running Account Bill No. 1	Dr. Sanoop Gopikrishna GM- SCTL
5	SCTL/PMC/IMPL/PT-Ph1/17	02-Dec-19	Upgradation of Public Toilets 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	SCTL/PMC/PD/PP-2/RFP/02a	03-Dec-19	SUBMISSION OF REVISED NOTICE INVITING TENDER AND REQUEST FOR PROPOSAL FOR TENDER: - Heritage Conservation - (Tanks – Sreekanteswaram & Puthenchantha) (under CULTURAL IDENTITY & HERITAGE Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
7	PMC/PD/PP/DPR/08g	03-Dec-19	Submission of Architectural Drawing Details - Redevelopment of Palayam Market (under Land Use Efficiency Module in SCP)	Sh. P. Bala Kiran (IAS), CEO, SCTL
8	SCTL/PMC/IMPL/Bus-Stops/30	03-Dec-19	Redevelopment of Bus Queue Shelters at 6 Identified Locations (Phase 1) – 1st Extension of Time	Dr. Sanoop Gopikrishna GM- SCTL
9	SCTL/PMC/IMPL/Bus-Stops/31	04-Dec-19	Redevelopment of Bus Queue Shelters at 6 Identified Locations – Approval of Extra item rates	Dr. Sanoop Gopikrishna GM- SCTL
10	PMC/PD/PP/DPR/11	04-Dec-19	Submission of Detailed Project Report - Upgradation of Public Health Centres (PHCs) (under Socio-Economic Inclusiveness Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
11	PMC/PD/PP/DPR/08h	05-Dec-19	Submission of Structural Drawing (Roof Truss & Bridge) - Redevelopment of Palayam Market (under Land Use Efficiency Module in SCP)	Sh. P. Bala Kiran (IAS), CEO, SCTL
12	PMC/PD/PP-2/DPR/01d	05-Dec-19	Submission of Revised Estimates and Drawings – Underground ducting of utilities: Smart Road – Chala Market Road & Manaveeyam Veedhi (Urban Basic Services SCP Module)	Sh. P. Bala Kiran (IAS), CEO, SCTL
13	PMC/PD/PP-2/DPR/03c	05-Dec-19	Revised Estimate - Phase - 2 – Underground ducting of utilities: Smart Road	Sh. P. Bala Kiran (IAS), CEO, SCTL
14	SCTL/PMC/IMPL/Solar/01	06-Dec-19	Sustainable Campuses - (Solar Rooftop) - Documents to be submitted prior to Commencement of Work	Dr. Sanoop Gopikrishna GM- SCTL

S.N	Letter No	Date	Subject	Address to
15	SCTL/PMC/PD/87	07-Dec-19	Anantha II (Disaster Management) Project- Works proposed for Mitigation (Mayor Fund) Flood damages-Details of work carried out- Reg.	Dr. Sanoop Gopikrishna GM- SCTL
16	SCTL/PMC/PD/88	07-Dec-19	Monthly Progress Report - November 2019	Sh. P. Bala Kiran (IAS), CEO, SCTL
17	SCTL/PMC/PD/89	09-Dec-19	Study on Flooding core area of Capital –On Water Shed basis by Translational research and Professional Leadership Centre (TPLC), GEC, Barton Hill -Sharing of Report-Personal discussions-compliance-Reg.	Dr. Sanoop Gopikrishna GM- SCTL
18	PMC/PD/PP-2/SAR/06a	09-Dec-19	Revised Situation Analysis Report- Warehouse facilities with ancillary activities at Chalai- Chalai warehouse with commercial complex (under LAND-USE EFFICIENCY Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
19	IPE- SCTL/PMC/PD/DPR-06c	09-Dec-19	Addendum Report (Shortfall Documents Palayam) SUBMISSION: 'Decentralised Solid Waste Management in Smart City ABD area' (Fast Track Phase-1 Project).	Sh. P. Bala Kiran (IAS), CEO, SCTL
20	PMC/TM/65	09-Dec-19	Team mobilization to project office -Ms. Pournami Narayanan (Other Staff- Time Based Input – Urban Planner)	Sh. P. Bala Kiran (IAS), CEO, SCTL
21	SCTL/PMC/IMPL/PT-Ph1/18	09-Dec-19	Upgradation of Public Toilets at 6 locations - Delay in Completion – Final Notice	Dr. Sanoop Gopikrishna GM- SCTL
22	SCTL/PMC/IMPL/Info-kiosks/18	09-Dec-19	Construction of buildings for fixing Information Kiosks at 2 locations, Gandhi Park and TMC Sub: Delay in Completion of Work – Final Notice	Dr. Sanoop Gopikrishna GM- SCTL
23	PMC/PD/PP-2/DPR/03d	10-Dec-19	Revised Estimate (Corporation Roads) - Phase – 2B – Underground ducting of utilities: Smart Road	Sh. P. Bala Kiran (IAS), CEO, SCTL
24	PMC/PD/PP/DPR/08i	10-Dec-19	Submission of Revised Estimate (Civil) - Redevelopment of Palayam Market (under Land Use Efficiency Module in SCP)	Sh. P. Bala Kiran (IAS), CEO, SCTL
25	SCTL/PMC/PD/90	10-Dec-19	Smart Road Project – CBR Testing of Soil samples – Regarding	Head of the Department (Civil) College of Engineering Trivandrum
26	SCTL/PMC/EXE/Bus-Shelter/02	10-Dec-19	Redesign of Bus Stops – Monthly Progress Report (Execution) for October 2019 and November 2019	Sh. P. Bala Kiran (IAS), CEO, SCTL
27	PMC/PD/PP/DPR/09b	11-Dec-19	Submission of Revised Draft Detailed Project Report- Integrated City Management Control Center (ICMCC)	Sh. P. Bala Kiran (IAS), CEO, SCTL
28	SCTL/PMC/PD/PP/RFP-05a	12-Dec-19	SUBMISSION OF REVISED DRAFT REQUEST FOR PROPOSAL FOR TENDER: Priority Projects - Traffic & Transportation - (Intelligent Transport, variable Message Signboards & Smart Parking) and Safety & Security - (CCTV Camera Surveillance System & Street Lighting with Control System) alongwith Adaptive Traffic Control System.	Sh. P. Bala Kiran (IAS), CEO, SCTL
29	PMC/PD/PP2/DPR/06d	12-Dec-19	Submission of Project deliverable – Revised Detailed Project Report for TS- Adaptive Traffic Control System	Sh. P. Bala Kiran (IAS), CEO, SCTL
30	SCTL/PMC/PD/FR-10a	16-Dec-19	FEASIBILITY REPORT SUBMISSION (Palayam – A – Block): 'Multi Level Car Parking (MLCP)	Sh. P. Bala Kiran (IAS), CEO, SCTL

S.N	Letter No	Date	Subject	Address to
31	SCTL/PMC/PD/PP/RFP-05b	19-Dec-19	Submission of Final RFP - Traffic & Transportation - (Intelligent Transport, variable Message Signboards & Smart Parking) and Safety & Security - (CCTV Camera Surveillance System & Street Lighting with Control System) alongwith Adaptive Traffic Control System.	Sh. P. Bala Kiran (IAS), CEO, SCTL
32	SCTL/PMC/IMPL/Info-kiosks/19	19-Dec-19	Construction of buildings for fixing Information Kiosks at 2 locations, Gandhi Park and TMC Sub: Termination of Contract	Sh. P. Bala Kiran (IAS), CEO, SCTL
33	SCTL/PMC/IMPL/PT-Ph1/19	19-Dec-19	Upgradation of Public Toilets at 6 locations Sub: Termination of Contract	Sh. P. Bala Kiran (IAS), CEO, SCTL
34	PMC/TM/66	20-Dec-19	Team mobilization – Input Based (Task 1&3) Support Staff Replacement – Engineering Associate (IT) – Mr. Abhishek R. Sharma	Sh. P. Bala Kiran (IAS), CEO, SCTL
35	PMC/PD/PP/FR/10	20-Dec-19	Submission of Feasibility Report - Rehabilitation Facility for Palayam Vendors'	Sh. P. Bala Kiran (IAS), CEO, SCTL
36	SCTL/PMC/PD/PP/DPR-06g	20-Dec-19	REVISED DETAILED PROJECT REPORT SUBMISSION – Heritage Trails & Walks project (under Cultural Identity & Heritage Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
37	SCTL/PMC/PD/91	21-Dec-19	Reply - Comments on ICMCC DPR - Incomplete DPR	Dr. Sanoop Gopikrishna GM- SCTL
38	SCTL/PMC/PD/PP/RFP-06	21-Dec-19	SUBMISSION OF DRAFT REQUEST FOR PROPOSAL FOR TENDER: Selection of Contractor for Redevelopment of Palayam Market, Pit Puzzle Multi Level Car Parking in Basement and Pre-Fabricated Structure and Maintenance of Pit Puzzle Multi Level Car Parking Facilities at Palayam, Thiruvananthapuram	Sh. P. Bala Kiran (IAS), CEO, SCTL
39	SCTL/PMC/IMPL/Solar/02	24-Dec-19	Design, Supply, Installation, Erection, Testing & Commissioning, Operation & Maintenance of Grid -Tied Roof Mounted Solar PV Power Plant on Various Buildings in Thiruvananthapuram - Observations on the Documents submitted prior to Commencement of Work	Dr. Sanoop Gopikrishna GM- SCTL
40	SCTL/PMC/PD/DPR-07/P2f	26-Dec-19	DPR SUBMISSION: Redesign of Bus Stops with Wi-Fi Hotspot Facilities' (PH-II Along KRFB Road)	Sh. P. Bala Kiran (IAS), CEO, SCTL
41	PMC/PD/PP/DPR/10a	26-Dec-19	Submission of Revised Detailed Project Report - VENDING ZONES IN SMART CITY ABD AREA (under Socio-Economic Inclusiveness Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
42	SCTL/PMC/PD/RFP-11	27-Dec-19	Submission of DRAFT BIDDING DOCUMENTS: 'Multi Level Car Parking (MLCP) cum Commercial Complex (Supply, Installation, Testing & Commissioning and Operation and Maintenance of Pit Puzzle Multi Level Car Parking in Basement of Palayam Market, Thiruvananthapuram) in Smart City ABD area'	Sh. P. Bala Kiran (IAS), CEO, SCTL
43	PMC/PD/PP-2/DPR/02d	27-Dec-19	Submission of Revised Detailed Project Report - Urban Street Haat - (Charithra Veedhi) (under CULTURAL IDENTITY & HERITAGE Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
44	SCTL/PMC/PD/PP/RFP-06a	27-Dec-19	SUBMISSION OF DRAFT REQUEST FOR PROPOSAL FOR TENDER: Redevelopment of Palayam Market	Sh. P. Bala Kiran (IAS), CEO, SCTL

S.N	Letter No	Date	Subject	Address to
45	PMC/PD/PP/DPR/10b	28-Dec-19	Submission of Revised Detailed Project Report - VENDING ZONES - Vending zone for rain cover Revised design (Roof Plan & Section)	Sh. P. Bala Kiran (IAS), CEO, SCTL
46	PMC/PD/PP/DPR/07d	28-Dec-19	Revised Detailed Project Report (Civil) Submission: 'Setting up Command and Control Centre for Pan City ICT Component (under PAN City Module in SCP)'	Sh. P. Bala Kiran (IAS), CEO, SCTL
47	PMC/PD/PP-2/FR/05	31-Dec-19	Feasibility Report Submission - Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex (under LAND-USE EFFICIENCY Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
48	PMC/PD/PP-2/FR/06	31-Dec-19	Submission of Project deliverable - Feasibility Report- Integrated Transit node (East Fort Bus Stand) (under LAND-USE EFFICIENCY Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
49	PMC/PD/PP-2/DPR/07b	31-Dec-19	Submission of Detailed Project Report - Phase – 4B (PWD Roads) – Underground ducting of utilities: Smart Road – (Urban Basic Services SCP Module)	Sh. P. Bala Kiran (IAS), CEO, 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 31st December 2019)

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
1	MLCPs cum Commercial Complexes (4 No.s)	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	

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
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 Geoplogy 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	Upgradation of Existing Public Toilets	TMC Boundary	TMC - LAND OWNER Sulabh - O&M Agency	Ward 27	YES	05.04.2019
		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		
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	Sree Kandeswaram Park	TMC	Ward 83	NO	
		Ponara Sreedhar Park	TMC	Ward 81	NO	

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
	Development of Parks					
	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	
	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
10	Sustainable Campuses - Solar Rooftop Phase 2	Bus Terminal Complex	KTDFC		YES	02.04.2019
		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	KRFB,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	Locations not identified				
	Last Mile Connectivity - E Autos	KSRTC Thampanoor prepaid auto stand	MVD, KRFB	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	
13	Last Mile Connectivity - E Autos -	Manaveeyam veedhi	PWD	Ward 27	NO	
		In front of museum	KRFB	Ward 27	NO	

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
14	Public Bike Sharing	In front of Kalyan Silks	TMC	Ward 27	NO	
		Martyrs column	KRFB	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	
		KSRTC Terminal	KSRTC	Ward 81	NO	
	Last Mile Connectivity - E Autos - Public Bike Sharing	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	KRFB	Ward 82	NO	
		In front of Sreekantheshwaram 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	
		Women's College bus stop	PWD	Ward 28	NO	
14	Phase 1 Redesign of Bus Stops with Wi-Fi Hotspot Facilities	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
		Vazhuthacaud Bus Stop near Police HQ	PWD, Prateeksha	Ward 29	NO	
	Phase 2Redesign of Bus Stops with Wi-Fi Hotspot Facilities	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,Prateeksha	Ward 28	NO	
		Mettukada Junction Bus Stop - Thycaud	PWD	Ward 28	NO	
		Thycaud Bus Stop near W& C Hospital	PWD,MLA	Ward 28	NO	
		Kanakakunnu palace -1	KRFB	Ward 27	NO	

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
		Kanakakunnu palace -2	KRFB	Ward 27	NO	
		Public Office Building	KRFB	Ward 27	NO	
		Museum	KRFB,TMC	Ward 27	NO	
		LMS	KRFB,MLA	Ward 27	NO	
		Bakery Junction	KRFB,MLA	Ward 27	NO	
		Palayam	KRFB,MLA	Ward 27	NO	
		Saphalyam	KRFB	Ward 27	NO	
		Statue North	KRFB,MLA,TRDCL	Ward 82	NO	
		Statue South	KRFB,MLA	Ward 82	NO	
		Overbridge Junction	KRFB	Ward 81	NO	
		Model School	KRFB,TRDCL	Ward 81	NO	
		East Fort	KRFB,PWD,KSRTC	Ward 71	NO	
		Government Hospital Junction	KRFB	Ward 82	NO	
		Kerala University	KRFB	Ward 27	NO	
		Bakery Junction	PWD	Ward 27	NO	
		VJT Hall	PWD	Ward 27	NO	
15	Integrated Social Housing Complex- Slum HHs	Chengalchola	TMC	Ward 81	NO	
		Poundukulam	TMC	Ward 28	NO	
		Chhirakulam	TMC	Ward 82	NO	
16	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
17	Drinking Water Fountain	Museum Bus Stop in LMS Vellayambalam Rd	PWD	Ward 27	NO	
		Inside Museum main gate	KRFB	Ward 27	NO	
		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	
		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	

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
		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 Department,Department of Cultural Affairs, KSEB	Ward 80	NO	
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 31st December 2019)

S.NO	LOCATIONS PHASEMSE	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	Mettukada 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	Mettukada 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 Oottukuzhy 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 Excahnge 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 31st December 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 December 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 December 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 K. Sreekumar	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	Principal Secretary	PWD
9	Anand Singh IAS	Secretary	PWD
10	G Kamala Vardhana Rao IAS	Principal 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	A Rasjad M	AE-Construction	Kerala State Warehousing Corporation
15	Afsal	Assistant Engineer	KSEB
16	Aisha Becker	Councillor	Palayam Ward Concillor
17	Ajayakumar S	AEE	KSEB
18	Ajith	Chief Engineer (Vigilance)	Kerala Public Works Department (KPWD)
19	Ajith	Chief Engineer	Thiruvananthapuram Development Authority (TRIDA)
20	Ajith Jose	AE, Palayam Section	Kerala Water Authority - Palayam Division
21	Ajith Kumar	Programme Director	ANERT
22	Ajith Ravindran	CE	TRIDA
23	Ajitha	Executive Engineer	KWA
24	Alangovan	TAC Member	Transport
25	Anand Jalakam	KWA consultants	ABD funded water supply project
26	Anil Kumar	Exec. Director	Kerala State Road Transport Corporation (KSRTC)
27	Anil Kumar	ACP - (North)	Kerala Police Department
28	Anita Deepti	Nodal Officer	ICDS - Women & Child Development Department
29	Anitha Puthiyapurayil	EE	KWA
30	Anju W C	Deputy Town Planner	RTP, DTCP
31	Anoop	A.E (Kuriathy)	Kerala Water Authority (KWA)
32	Anoop	Administrative In Charge	University library
33	Anoop Roy	Health Inspector	Thiruvananthapuram Municipal Corporation (TMC)
34	Arun Chandran	Scientist	National Transportation Planning And Research Centre
35	Asha	Executive Engineer, REES	Kerala State Electricity Board (KSEB)
36	Asha Rani	Deputy Electrical Inspector	Electrical Inspectorate, Trivandrum
37	Ashokan PU	Librarian	State Central Library
38	B. Ganesh		Sieger Parking
39	Babu	Ward Councillor	Vanchiyoor
40	Beena	CE	PWD
41	Bhoopesh	Conservation Engineer	Kerala State Archelogy Department
42	Bijish Ben	P.S to Commissioner	Central Excise & Customs Commissionerate
43	Biju	Exec. Engineer (GIS)	Kerala Public Works Department (KPWD)
44	Bina	Heritage Consultant	
45	Bindu	Sr. Env.Engg	Environmental Sensor (PAN City Project)
46	Bindu	Official	Minor Irrigation Department

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

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

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

Sn	Name	Designation	Department
208	Soma Shekharan	Principal	University College
209	Sreedevi	Engineer	Life Mission
210	Sreejith	Urban Planner	TMC
211	Sreekumar	Chief Engineer	KWA
212	Sri. Aadithya R IPS	Deputy Commissioner of Police, Law & Order, Traffic	Kerala Police
213	Subail B S	Assistant Mission Coordinator	KSITM
214	Sujith S	Liasion Officer	Kerala State Warehousing Corporation
215	Sunder	CPM Local Secretary	Chalai
216	Suraj	Technical Assistant (S - Div)	Kerala Water Authority (KWA)
217	Suresh	Lab in Charge	CET
218	Suresh	Ward Councillor-East Fort	TMC
219	Suresh Babu	Project Manager	Kerala State Coastal Area Development Corporation Ltd (KSCADC)
220	Suresh Chandran	SE	KWA
221	Suresh Kumar	ACP	Traffic Police Control Room
222	Suresh Kumar	In-Charge (Mosquito Project)	Health Department
223	Suresh Kumar	General Manager	Kerala State Coastal Area Development Corporation Ltd (KSCADC)
224	Susan	Deputy Chief Engineer	KSEBL South Division
225	T.K. Jose	Additional Chief Secretary	LSGD
226	Teena Bhaskar		Department of Tourism
227	Thankappan	Chief Engineer	Environmental Sensor (PAN City Project)
228	Thomas Isaac N	Board Secretary	KWA
229	Unni	EE	TMC-Major Irrigation
230	Unnikrishnan	AE	TMC
231	Unnikrishnan Nair	Superintending Engineer	PWD - Roads and Bridges Division
232	V Ratheeshan IAS	Executive Officer and Member Secretary	Sree Padmanabhaswamy Temple
233	V V Thomas	SE	PWD
234	V.K Joseph	Chief Engineer	KSEBL
235	Vasa T.	AEE	KSEB
236	Venugopal	Junior Engineer	District Employment Exchange
237	Venugopal	DGM	KSRTC
238	Vijay Kumar	DE, SDF, Electrical	DRM Office
239	Vijaya Lakshmi	Principal (HoD)	Government College for Women
240	Vijayalekshmi	Thampanoor Ward Councillor	Thampanoor Ward Councillor
241	Vimal K V	Assistant Engineer Contonement Section	KSEB
242	Vineeth V S	Field Engineer	KRFB
243	Vinod	Junior Health Inspector	Thiruvananthapuram Municipal Corporation
244	Vipin	AE, South Section	KWA- Palayam Division- Sub Division Chalai
245	Vishnu	Head Master	Thampanoor U.P. School
246	Vishnu	AEE (Operation)	Kerala Water Authority (KWA)
247		Director	TRIDA
248		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 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 December 2019

SN	Date	Stakeholder/ Designation	Name of Contact	Project / Key Agenda	PMC Team Member
1	02 December 2019	TMC - Mayor and other members	Shri P Balakiran and others	Linked Green Activity Zones(Open Gym)	Remi Krishna
2	02 December 2019	LSGD - Dy Chief Engineer	Mr.Rejeesh	Redevelopment of Palayam Market	Abraham, Kartika, Shameena
3	03 December 2019	CET- Faculty	Mr.Gireesh	Redevelopment of Palayam Market	Shameena, Abraham
4	03 December 2019	CEO - KRFB	Mr.Jeevaraj	Underground Ducting of Utilities	Jamal, Anil Kumar Sharma,Sabin, Sindhu
5	04 December 2019	TMC - Mayor,Health Inspector	Shri K Sreekumar, Anoop Roy	Vending Zones	Pournami
6	04 December 2019	SCTL- GM (Operations)	Dr.Sanoop Gopikrishna	Progress Review Meeting	Ranabir
7	04 December 2019	TMC -SE	Mr.Mohd Ashraf	Redevelopment of Palayam Market	Shameena
8	05 December 2019	TMC - EE,SE	Mr.Ashraf, Mr.Rajesh	Redevelopment of Palayam Market	Shameena,Karti ka
9	06 December 2019	Government Engineering College Barton Hill - Faculty	Dr Suja Nair	Anantha - Phase II (Disaster Management)	Vineeth, P Sreekumaran Nair
10	06 December 2019	TMC-Mayor	Shri K Sreekumar	Vending Zones	Jamal Abdul Rasheed, Anil Kumar Sharma, Pournami
11	06 December 2019	SCTL - CEO	Shri P Balakiran	Adaptive Traffic Control System (ATCS)	Anil Kumar Sharma, Rajeev, Abraham,Ranabi r
12	06 December 2019	LSGD - Dy.CE	Mr.Rejeevan, Mr.Sunil	Urban Street Haat-Charithra Veedhi	Shameena, Esakiaapan, Sabin
13	06 December 2019	TMC - EE, SE LSGD - Dy.CE	Mr.Ashraf, Mr.Rajesh, Mr.Rejeevan	Urban Street Haat-Charithra Veedhi	Kiran, Sindhu, Shilpa, Sabin
14	07 December 2019	LSGD - Dy.CE	Mr.Rejeevan	Redevelopment of Palayam Market	Shameena, Esakiappan
15	09 December 2019	TS Committee	TS Committee members	Underground Ducting of Utilities	Sindhu, Anil Kumar Sharma, Sabin, Jamal
16	09 December 2019	TS Committee	TS Committee members	Urban Street Haat - Charithra Veedhi, Vending Zones	Pallabi, Pournami, Kiran
17	10 December 2019	TMC- Mayor, Dy. Mayor, TS Committee Members	Shri K Sreekumar, Adv Rakhi Ravikumar, TS Committee members	Urban Street Haat - Charithra Veedhi	Kiran, Pallabi
18	10 December 2019	TRDCL- Project Manager	Mr.Gireesh	Adaptive Traffic Control System (ATCS)	Ravi
19	10 December 2019	KRFB-CEO	Mr.Jeevaraj	Underground Ducting of Utilities	Shilpa,Anil Kumar Sharma,Sindhu, Sabin
20	10 December 2019	SCTL-CEO	Shri P Balakiran	Upgradation of Anaganwadi and UPHCs	Vineeth

SN	Date	Stakeholder/ Designation	Name of Contact	Project / Key Agenda	PMC Team Member
21	10 December 2019	SCTL - CEO	Shri P Balakiran	TSCCC and Adaptive Traffic Control System (ATCS)	Rajeev,Ranabir
22	12 December 2019	TMC-Mayor, Welfare Standing Committee Chairperson, Secretary, ity Project Officer, Project Officer and Others	Shri K Sreekumar, S.S.Sindhu, Smt Deepa L S,Sasi Kumar,G S Ajikumar and others	Vending Zones	Pournami,Pallabi,Satheesh
23	12 December 2019	SCTL - CEO	Shri P Balakiran	Underground Ducting of Utilities	PMC Team Memebers
24	13 December 2019	KRFB-Field Engineer	Mr.Vineeth	Adaptive Traffic Control System (ATCS)	Ravi
25	13 December 2019	KRFB-CEO	Mr.Jeevraj	Underground Ducting of Utilities	Anie Justus, Sabin
26	16 December 2019	TS Committee	TS Committee members	Underground Ducting of Utilities	Jamal,Sindhu,Ravi,Sabin
27	16 December 2019	SCTL - Manager(PMM)	Jerry Jose	Redevelopment of Bus Shelters with Wi-Fi Hotspot facilities	Sabin,Vishnu
28	17 December 2019	KRFB-CEO,GM	Mr.Jeevraj, Mr.Gopalakrishna Pillai	Underground Ducting of Utilities	Anie Justus
29	17 December 2019	KSEB-Director(Distribution)	Mr.Kumaran	Underground Ducting of Utilities	Nithin,Ravi,Jama I,Anil Kumar Sharma,Alok,Kunal,Sindhu
30	17 December 2019	SCTL-GM(Operations),Manager (UD)	Dr.Sanoop Gopikrishna,Vishnu Venugopal	Integrated Transit Node (East Fort)	Vineeth,Pallabi, Kartika
31	17 December 2019	SCTL-CEO	Shri P Balakiran IAS	ICCC	Pallabi,Abraham ,Ranabir
32	17 December 2019	SCTL-CEO	Shri P Balakiran IAS	Adaptive Traffic Control System (ATCS)	Abraham,Ranabir,Rajeev,Pallabi
33	18 December 2019	KWA-SE	Suresh Chandran	Underground Ducting of Utilities	Sabin, Sindhu,P Sreekumaran Nair
34	18 December 2019	Kerala State Warehousing Corporation-Zonal Manager, Regional Manager, Liaison Officer,AE-Construction	Praveen Kumar,S Dileep Kumar,Sujith S, A Rasjad M	Warehouse facilities with ancillary activities at Chalai - Chalai warehouse with commercial complex	Pallabi,Kiran,Pournami
35	18 December 2019	SCTL-GM (Operarion),Manager-UP,Manager (PMM)	Dr.Sanoop Gopikrishna,Vishnu Venugopal,Jerry Jose	Multi Level Car Parking Cum Commercial Complex at Thampanoor	Rajeev, Anie Justus, Shameena, Nithin
36	20 December 2019	KSEB-AE	Mr.Vimal	Vending Zones	Nithin,Anooj
37	20 December 2019	PWD-		Underground Ducting of Utilities	Sabin,Alagar
38	20 December 2019	BSNL-AGM	Santhosh Kumar	All IT Projects	Alok,Kunal
39	21 December 2019	TMC-EE	Mr.Rajesh	Underground Ducting of Utilities	Sindhu,Sabin,Shilpa
40	24 December 2019	Kerala Police-Deputy Commissioner of Police, Law & Order, Traffic	Aadhithya R IPS	TSCCC	Vineeth
41	24 December 2019	TS Committee	TS Committee members	Redevelopment of Palayam Market	Anooj
42	24 December 2019	SCTL-Manager(UD)	Vishnu Venugopal	Progress Review Meeting	Nilanjan, Pallabi
43	24 December 2019	SCTL-CEO	Shri P Balakiran	Underground Ducting of Utilities	P Sreekumaran Nair,Sindhu
44	26 December 2019	East Fort Ward Councillor	Mr.Suresh	Agraharam	Satheesh
45	27 December 2019	SCTL-CEO	Shri P Balakiran	Progress Review Meeting	Pallabi,Kiran,Pournami,Nilanjan
46	30 December 2019	TS Committee	TS Committee members	Underground Ducting of Utilities	Sabin,Sindhu,Alagar,Shilpa

SN	Date	Stakeholder/ Designation	Name of Contact	Project / Key Agenda	PMC Team Member
47	30 December 2019	SCTL-CEO	Shri P Balakiran	Smart Mosquito Density System	Jamal,Alok
48	30 December 2019	TMC-Chairperson(Town Planning Standing Committee)	Palayam Rajan	Redevelopment of Bus Shelters with Wi-Fi Hotspot facilities	Ravi,Shilpa

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 December 2019.

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

S. N	Date	PMC Team	Site visit locations	Project Name
1	02-12-2019	Vineeth,P Sreekumaran Nair, Kartika	East fort	Integrated Transit Node (East Fort Bus Stand)
2	02-12-2019	Remi Krishna, Dr. Sanoop Gopikrishna, Jerry Jose	Sreekanteswaram Park	Linked Green Activity Zones (Open Gym)
3	04-12-2019	Remi Krishna, Kiran, Pournami, Jamal	Attakulangara	Warehouse facilities with ancillary activities at Chalai - Chalai warehouse with commercial complex
4	04-12-2019	Remi Krishna, Kiran, Pournami, Jamal	Sreekanteswaram	Linked Green Activity Zones (Open Gym)
5	04-12-2019	Remi Krishna, Kiran, Pournami, Jamal	Fort School Thampanoor	Upgradation of Anganwadis and Public Health Centers
6	04-12-2019	Kabeer	Kerala Legislative Assembly	Sustainable Campuses (Solar Rooftop)
7	04-12-2019	Shilpa, Sindhu	Chala Warehouse	Warehouse facilities with ancillary activities at Chalai - Chalai warehouse with commercial complex
8	04-12-2019	Remi Krishna, Jerry Jose, Gayathri	Anganwadi Sites	Upgradation of Anganwadis and Public Health Centers
9	05-12-2019	Remi Krishna, Sabin, Vishnu	Open Gym Sites	Linked Green Activity Zones (Open Gym)
10	05-12-2019	Krishna Kurup	Thampanoor Ingate	Upgradation of Existing Public Toilets
11	06-12-2019	Pournami, Anil Kumar Sharma, Jamal	RKV Road	Vending Zones
12	06-12-2019	Remi Krishna, Shameena, Vishnu, Sabin	Anganwadi Sites	Upgradation of Anganwadis and Public Health Centers
13	06-12-2019	Sindhu, Kiran, Sabin, Shilpa	Charithra Veedhi	Urbn Street Haat- Charithra Veedhi
14	10-12-2019	Remi Krishna, Nithin, Krishna Kurup	Thampanoor	Upgradation of Anganwadis and Public Health Centers
15	10-12-2019	Jamal, Pallabi, Kiran, Gayathri Gopinath, Dr.Sanoop Gopikrishna	Charithra Veedhi	Urbn Street Haat- Charithra Veedhi
16	10-12-2019	Remi Krishna, Krishna Kurup	Fort School , Rajaji Nagar	Upgradation of Anganwadis and Public Health Centers
17	10-12-2019	Remi Krishna, Krishna Kurup	TMC	Upgradation of Existing Public Toilets
18	11-12-2019	Krishna Kurup, Remi Krishna, Salija	Statue Junction	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities (Ph-III)
19	12-12-2019	Krishna Kurup, Remi Krishna, Salija	Bus Shelter Phase 3 locations	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities (Ph-III)
20	12-12-2019	Remi Krishna, Kiran	Thampanoor	Upgradation of Anganwadis and Public Health Centers

S. N	Date	PMC Team	Site visit locations	Project Name
21	12-12-2019	Remi Krishna, Krishna Kurup	Sreekanteswaram Park	Linked Green Activity Zones (Open Gym)
22	13-12-2019	Vishnu	Killipalam	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
23	13-12-2019	Kartika,Rakesh	Killipalam	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
24	16-12-2019	Joseph,Esakiappan,Shameena	Bus Shelter Phase 3 locations	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities (Ph-III)
25	16-12-2019	Vishnu	Killipalam	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
26	17-12-2019	Esakiappan	Model school junction	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
27	17-12-2019	Vishnu,Krishna Kurup	TMC	Upgradation of Existing Public Toilets
28	17-12-2019	Krishna Kurup	TMC,Putharikandom	Upgradation of Existing Public Toilets
29	18-12-2019	Ravi,Shilpa	West Nada	Renovation of Shri Anantha Padmanabhaswamy Temple Precinct
30	18-12-2019	Vishnu,Krishna Kurup	Killipalam	Redevelopment of Bus Shelters with Wi-Fi Hotspot facilities
31	19-12-2019	Krishna Kurup, Abraham	Water Kiosk Locations	Drinking Water Fountains
32	20-12-2019	Shilpa,Ravi	West Nada	Renovation of Shri Anantha Padmanabhaswamy Temple Precinct
33	20-12-2019	Vishnu,Krishna Kurup	Putharikandom	Upgradation of Existing Public Toilets
34	21-12-2019	Shameena,Vishnu,Remi Krishna,Krishna Kurup	Thampanoor	Upgradation of Anganwadis and Public Health Centers
35	23-12-2019	Remi Krishna,Vishnu,Algar	Thampanoor	Upgradation of Anganwadis and Public Health Centers
36	25-12-2019	Vineeth, Gayathri Gopinath	Water Kiosk Locations	Drinking Water Fountains
37	26-12-2019	Vishnu	Thampanoor	Redevelopment of Bus Shelters with Wi-Fi Hotspot facilities
38	27-12-2019	Shilpa,Ravi	East Nada	Renovation of Shri Anantha Padmanabhaswamy Temple Precinct
39	27-12-2019	Vishnu	Thampanoor	Redevelopment of Bus Shelters with Wi-Fi Hotspot facilities
40	28-12-2019	Vishnu,Shameena,Nithin	Thampanoor	Redevelopment of Bus Shelters with Wi-Fi Hotspot facilities

Colours denote Joint Site visit

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





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

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

S.N	Project Name	Stretch Name / Location	Survey Date	Description of Survey
1	Smart Road - Ph - V	Forest Office Lane	06.12.19	Topo Survey
2	Smart Road - Ph - V	Forest Office Lane	06.12.19	Topo Survey
3	Smart Road - Ph - V	Forest Office Lane	07.12.19	Topo Survey
4	Smart Road - Ph - V	Forest Office Lane E	12.12.19	Topo Survey
5	Smart Road - Ph - V	Forest Office to Bakery Junction	12.12.19	Topo Survey
6	Smart Road - Ph - V	Forest Office to Bakery Junction	16.12.19	Topo Survey
7	Smart Road - Ph - V	Forest Office to Bakery Junction	16.12.19	Topo Survey
8	Smart Road - Ph - V	Gandhi Bhavan Road	20.12.19	Topo Survey
9	Smart Road - Ph - V	Lenin Nagar Road	23.12.19	Topo Survey
10	Smart Road - Ph - V	Link Rd Number 2	27.12.19	Topo Survey
11	Smart Road - Ph - V	Link Road Number 1	30.12.19	Topo Survey
12	Smart Road - Ph - V	Bodheswaran Road	30.12.19	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 December 2019 from stakeholders:

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

S.N	Date	Stakeholders/Designation	Project	Data Collected list
1	02 December 2019	Survey Team	Warehouse facilities with ancillary activities at Chalai - Chalai warehouse with commercial complex	Bore hole log for Attukulangara Site - Warehouse project
2	05 December 2019	PWD - Kerala	MLCPs cum Commercial Complexes (4 Nos)	Order for construction of MLCP in Public Office
3	05 December 2019	Centre for Continuing Education, College of Engineering, Trivandrum	Warehouse facilities with ancillary activities at Chalai - Chalai warehouse with commercial complex	Draft Report Geotechnical Investigation Report of Parking Plaza and Commercial Block at Chalai, Thiruvananthapuram
4	17 December 2019	PWD	Sustainable Campuses (Solar Rooftop)	PWD White Topping Revised Rates
5	20 December 2019	TRIDA	Redevelopment of Palayam Market	List of vendors to be rehabilitated

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 31st December 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

S No	Type	Designation	Team Member	Mobilization Date
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
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 Vayatt	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

S No	Type	Designation	Team Member	Mobilization Date
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
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.

(2) Mobilisation schedule for next month (January 2020), duly signed

Table 18: Proposed Mobilization Schedule- January 2019

ANNEXURE

Smart City Thiruvananthapuram Limited
PMC Attendance Tracker - December 2019

SI.No	Designation (as per RFP)	Original Proposed CV	Replaced CV	Mobilisation Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total Woking Days	Working days till previous month	Total Cumulative working days
TASK 1 & 3: CORE TEAM FOR PROJECT MANAGEMENT																																						
1	Team Leader/Urban Management Specialist	Harshad Dhande	Jamal Abdul Rasheed	06-Sep-18	1	1	1		1			1	1	1	1	1		1	1	1	1	1		1	1		1	1	15	256	271							
2	Dy Team Leader & Construction Manager	Gopesh Shrivastava (25/Jul/2019)	Anil Kumar Sharma	01-Jul-18	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	19	246.5	265.5							
3	Infrastructure Specialist	VA Rutherford	P Sreekumar Nair	23-Jan-19	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	20.5	210	230.5							
4	Procurement/Legal Expert	Amritava Basu Sarkar (21/Jul/2018)	Rajeev Sharma	16-Jan-19	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	14.5	148.5	163							
5	Transport Planner	Arun Savi (13/Jan/2018)	Ravi Nadwana	25-Feb-19					1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	203	221			
6	Urban Designer	Soumi Nandi	Pallabi Gupta Roy	25-Feb-19					1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	112			
7	E Governance/IT Specialist	Alok Sharma (13/Aug/2018)/Diwakar Singh (3/Jan/2019)	Alok Kumar	25-Feb-19	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	24	263	287							
8	Energy Management Specialist	Ahmed Kabeer	NA	13-Jun-18					1	1					1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11	127.5	138.5			
9	Documentation/Knowledge Management Specialist	Daljeet Kaur	Ranabir Dey	03-Jul-18	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	16	281	297							
10	Social Development Specialist	K Baskaran	Satheesh Chandran	03-Jan-19	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	15	216.5	231.5							
11	Associate Engineer (Infrastructure)	AR Alagarswamy	NA	14-Sep-18	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	24	317	341							
12	Associate Engineer (Infrastructure)	Muthuswamy	Sindhur KV	10-Oct-18	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	22	287	309							
13	Associate Engineer (Infrastructure)	Praseeth VKB	Shameena A	16-Jan-19	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	21	181.5	202.5							
14	Support Engineer (IT)	Sauhard Sanghi (18/Jun/18 - 19/May/2019)	Kunal Goswami (20/05/2019)	18-Jun-18	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	19	356	375							
15	Finance Officer	Deepak Mohan Rajamohan	Niljanan Mitra	03-Dec-18								1	1			1	1	1	1	1	1	1	1	1	1	1	1	1	1	14.5	263	277.5						
TASK 1&3 : SUPPORT STAFF																																						
1	Construction Manager	Dinesh Sharma	Anie Justus	23-Jan-19	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	19	242	261							
2	Assistant Construction Manager	Amresh Gondli	Sabin V S	22-Oct-18	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	21	295	316							
3	Landscape Architect	Swathi	NA	18-Dec-18																										0	24	24						
4	Engineering Associate (Infrastructure)	Jayashree Nandi	Karthika K N	23-Jan-19	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	20	225	245							
5	Engineering Associate (Infrastructure)	Rajesh Bhowmick	Esakiappan	14-Aug-18	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	22.5	316.5	339							
6	Engineering Associate (IT)	Ranjan Shrivastava	Saina Narayanan (12/20/2018)																										0	111	111							
TASK 1&3 : Other Staff																																						
1	Urban Planner (Project Manager)	Imran Basha Soudagar(22/05/2018-30/Sep/2019)	Pournami Narayanan	20-Dec-19																										7	325	332						
2	Associate Engineers	Shilpa	NA	13-Aug-18	1	1	1	1	1	1		1	1																					17.5	322	339.5		
3	Surveyors	Joseph George	NA	01-Aug-18	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	21	342.5	363.5							
Task 2: Project Design and Development Team																																						
1	Urban Planner	Bhuvaneswaran S	Kiranchand	21-Jan-19	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	18	283	301							
2	Landscape Architect	Priyanka Gupta	NA																									0	0	0								
3	ICT System Solutions	Santosh Behar/ K V Reddy (9/24/2018)	Abhishek R Sharma	15-Jul-19																									0	150.5	150.5							
4	Water Supply Expert	Ankit Jain	NA																										0	0	0							
5	Solid Waste Management Expert	Dr. Bharat Bhushan Nagar	NO	20-Jun-18																									0	6	6							
6	Transportation Planner / Engineer	Jaffer Sharieff	NO	28-Jun-18																									0	23	23							
7	Solar Energy/ Renewable Energy Expert	R Selvan	NA																										0	0	0							
8	Electrical Engineering Expert	Damodar Pai	NA																										0	0	0							
9	Affordable Housing Expert	Deepak Hurali	NA																										0	0	0							
10	Environment Management expert	Anand Srivastava	NA																										0	0	0							
11	Transaction Advisor for PPP Projects	Pramesh Sharma/Rajeev Sharma (23/Sep/2018)	NA																										0	63	63							
12	Structural Engineer	Manavendra Niqam	NA																										0	0	0							
13	GIS & Remote Sensing Expert	Rajeev Ranjani/Sandeep Lama (23/Jun-2018)	NA																										0	57	57							
14	Heritage conservation expert	Kavita Jain	Nilan Cooray	21-Nov-18																									0	11	11							
15	Cost Accountant	Rahul Agarwal	NA																										0	0	0							
16	Sewerage & Drainage Expert	Ashok Tarai	NA																										0	0	0							
17	Disaster Management Expert	Rajeev Chouvey	NA																										0	0	0							
18	Horticulture Specialist	Priyajyoti Mukherjee	NA																										0	0	0							
19	Utility Engineer	Shiv Pujar/Shameena (02-July-2018)	NA																										0	147	147							
20	Information Security Systems Expert	Gaurav Sharma	NA																										0	0	0							
21	Application Analyst	Abhishek Kumar	Pradeep Singh Uppal	30-Apr-19																									0	49	49							
22	Networking & IT Infrastructure Specialist	Anand Bhattacharjee	NA																										0	0	0							
Task 2 : Support Staff																																						
1	Urban Planner	Sushmitha Ramoji (22/Oct/2018-30/Sep/2019)	Pournami Narayanan	04-Nov-19	1	1	1	1	1	1		1	1	1	1		1	1	1	1	1		1	1		1	1	13	194	207								
2	Associate Engineer	Vishnu Gopal	NA	05-Mar-19	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	23	196	219							
3	Surveyors	Saljia Mol	NA	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1		1	1	21	294.5	315.5								
Additional Resources																																						
1	Project Associate	Praseeda M (22/Oct/2019)	NA	22/10/2018																									0	138	138							
2	Associate Architect	Asish De	NA	25-May-18																									0	118	118							
3	Office Manager	Raj Narayanan	NA	01-Aug-18	1	1	1	1	1	1		1	1	1	1		1</td																					

