



(March 2020)

## MONTHLY PROGRESS REPORT



### Thiruvananthapuram Smart City



Submitted By

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Integrity Innovation Passion Perseverance Learning

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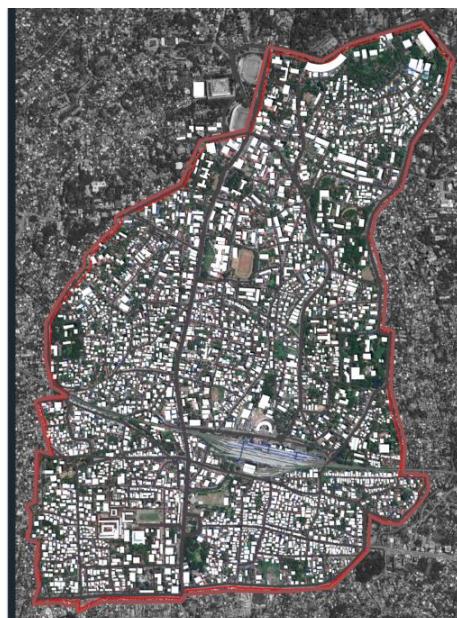
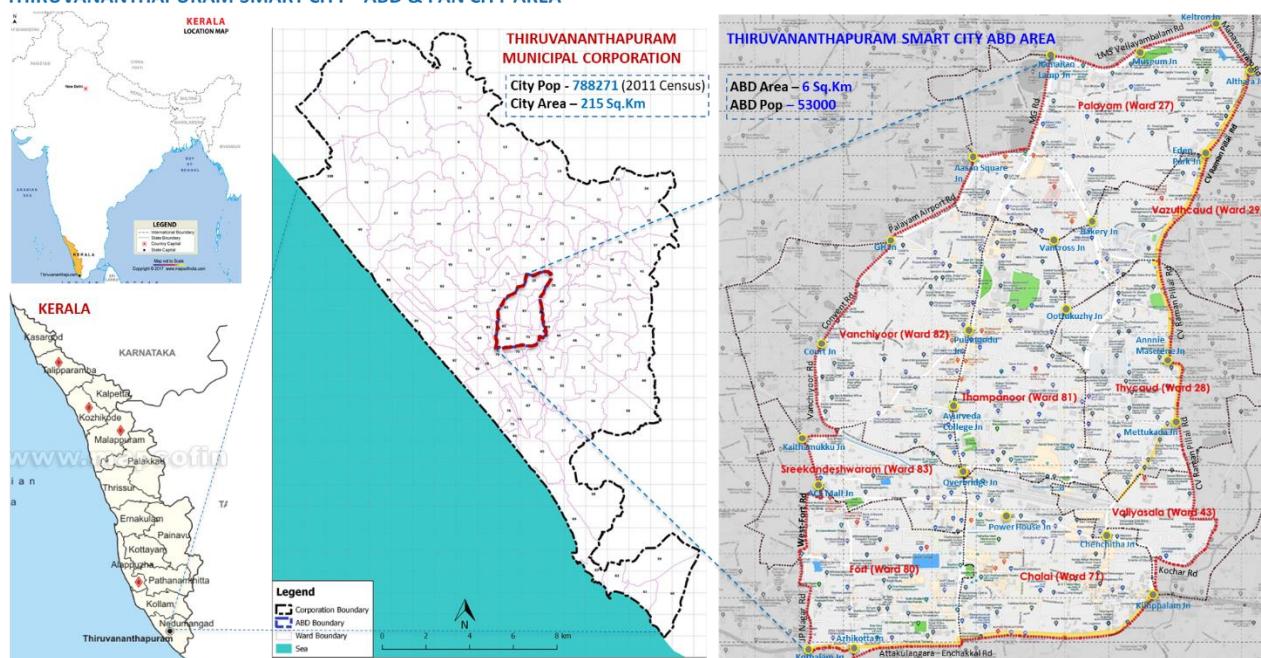
## 1 PROJECT INTRODUCTION AND BACKGROUND

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

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

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

### THIRUVANANTHAPURAM SMART CITY - ABD & PAN CITY AREA

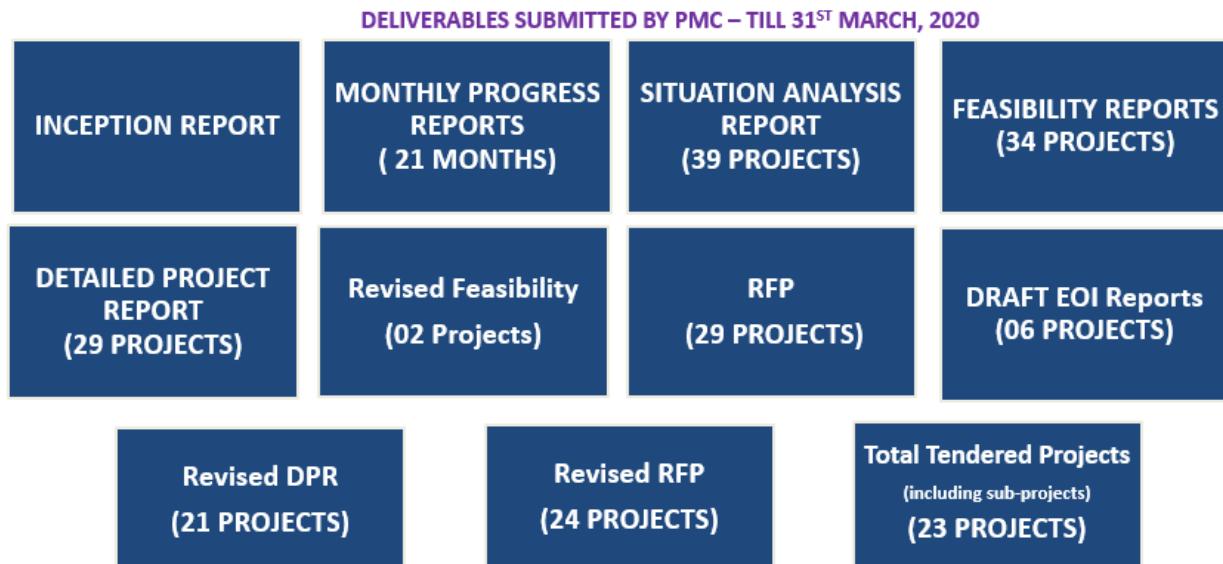


SCP MODULES	PROJECTS & COST	PROPOSED STRATEGIES
<u>Urban Basic Services</u>	15 Projects: Rs. 771.5 Cr	<ul style="list-style-type: none"> <li>Improving Basic Services</li> </ul>
<u>Land-Use Efficiency</u>	5 Projects: Rs. 238 Cr	<ul style="list-style-type: none"> <li>Re-Densification with Creative Land-Use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

## 2 STATUS OF PROJECTS

In the month of March 2020, 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, November, December 2019, January 2020, February 2020 other key activities like submission of situation analysis reports, feasibility reports, DPRs, EoIs, RFPs etc. in the month of March 2020.

*Picture 2: Details of deliverables submitted by PMC.*



### 2.1 Thiruvananthapuram Smart City Projects and Sources of Funds:

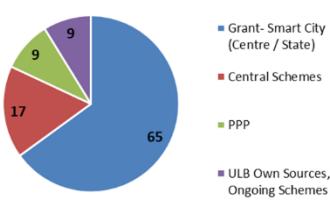
Details of Thiruvananthapuram SCP Smart City Projects, estimated sources of funds are indicated below:

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

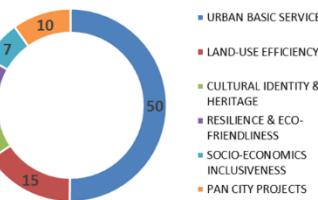
#### THIRUVANANTHAPURAM SMART CITY – SCP MODULES & ESTIMATED COSTS

Particulars	Project Details		Sources of Funds			
	No of SCP Projects	Estimated Cost (Rs. In Crs)	Grant- Smart City (Centre / State)	Central Schemes	PPP	ULB Own Sources, Ongoing Schemes
<b>AREA BASED DEVELOPMENT</b>						
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
<b>PAN CITY PROJECTS</b>						
PAN CITY MODULE SUB TOTAL		8	152.08	128.37	11.98	-
<b>SCP TOTAL</b>	<b>43</b>	<b>1538.19</b>	<b>1000.00</b>	<b>260.10</b>	<b>142.40</b>	<b>135.70</b>

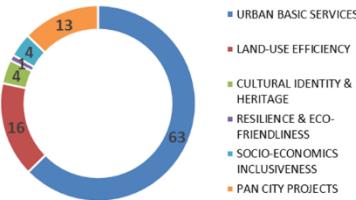
*Percentage Share of Sources of Fund in Estimated SCP Cost (Rs 1538.19 Cr)*



*Module wise Percentage Share of Total SCP Estimated Cost - Rs 1538.19 Cr*



*Module wise Percentage 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 31<sup>st</sup> March 2020 are indicated in following table:

SITUATION ANALYSIS REPORT DELIVERABLES	FEASIBILITY REPORTS DELIVERABLES	REQUEST FOR PROPOSAL (RFP) DELIVERABLES	
		25 PROJECTS & 48 REPORTS	Expression of Interest - 5 Projects
39 PROJECTS, 21 REPORTS			
Redesign of Bus Stops with WiFi Hotspot Facilities	1 Redesign of Bus Stops with WiFi Hotspot Facilities (Ph-I)	1 Last Mile Connectivity - Public Toilet Sharing	1 Last Mile Connectivity - Public Toilet Sharing
Decentralised Solid Waste Management	2 Decentralised Solid Waste Management	2 Upgrade of Existing Public Toilets	2 Last Mile Connectivity - E-Autos
Upgradation of Existing Public Toilets	3 Upgradation of Existing Public Toilets	2 Upgradation of Anganwadis	3 Sustainable Campus - Solar Rooftop
Drinking Water Fountains	4 Reconstruction of Existing Public Toilets	4 Interactive Usage of Water Fountains & Display boards	4 Multi Level Car Parking (MLCP) cum Commercial Complex (including Multi Level Construction and operation & maintenance of multi level car parking facility)
MLCPs cum Commercial Complexes (4 Nos.)	5 MLCPs cum Commercial Complexes - Thampanoor	5 Sustainable Campus - Solar Rooftop	5 Multi Level Car Parking (MLCP) cum Commercial Complexes (including Multi Level Construction and operation & maintenance of multi level car parking facility)
1 Last Mile Connectivity - E-Autos	6 Last Mile Connectivity - Public Bicycle Sharing	6 Sustainable Campus - Rainwater Harvesting	6 Sustainable Campus - Rainwater Harvesting
Last Mile Connectivity - Public Bicycle Sharing	7 Last Mile Connectivity - Public Bicycle Sharing	7 Smart Road - PHASE I	7 Smart Road - PHASE I
Interactive Information Kiosks & Display boards	8 Interactive Information Kiosks & Display boards	8 Road and Junction Improvement	8 Smart Road - PHASE I
Cultural street - (Marayoor Veedu)	9 Sustainable Campuses - (Marayoor Veedu)	9 Storm Water Drains	9 Storm Water Drains
United Green Activity Zones - Parks & Open Spaces	10 United Green Activity Zones - Parks & Open Spaces	10 Underground Ducting of Utilities	10 Underground Ducting of Utilities
Sustainable Campuses - (Solar Rooftop)	11 Sustainable Campuses - (Solar Rooftop)	11 Way Finding Signs & Markers	11 Way Finding Signs & Markers
2. Integrated Social Housing Complex - Slum Hts	12 Integrated Social Housing Complex - Slum Hts	12 Way Tracks, Footpaths railings etc.	12 Way Tracks, Footpaths railings etc.
3. OMR at Puthankandam Malandam	13 OMR at Puthankandam Malandam	13 Installation of Solar panels on rooftop in Govt. Variable Message Signs & Smart Parking	13 Installation of Solar panels on rooftop in Govt. Variable Message Signs & Smart Parking
4. Sustainable Campuses - (Rainwater Harvesting)	14 Sustainable Campuses - (Rainwater Harvesting)	14 Smart Road - PHASE I	14 Smart Road - PHASE I
5. Upgradation of Anganwadis	15 Upgradation of Anganwadis	15 Road and Junction Improvement	15 Road and Junction Improvement
6. Heritage Trails & Walks	16 Heritage Trails & Walks	16 Storm Water Drains	16 Storm Water Drains
7. Chirirai Veedu	17 Chirirai Veedu	17 Heritage Trails & Walks	17 Heritage Trails & Walks
Smart Road	Smart Road	18 Chirirai Veedu	18 Chirirai Veedu
Road and Junction Improvement	19 Underground Ducting of Utilities	19 Way Finding Signs & Markers	19 Way Finding Signs & Markers
Storm Water Drains	20 Storm Water Drains	20 Smart Road - PHASE I	20 Smart Road - PHASE I
8. Underground Ducting of Utilities	21 Way Finding Signs & Markers	21 Linked Green Activity Zones - Open Gym	21 Linked Green Activity Zones - Open Gym
Way Finding Signs & Markers	22 Way Finding Signs & Markers	22 Linked Green Activity Zones - Parks & Seaside areas	22 Linked Green Activity Zones - Parks & Seaside areas
Network - Cycle tracks, Footpaths railings etc.	23 Way Finding Signs & Markers	23 Linked Green Activity - Parks - Children Park	23 Linked Green Activity - Parks - Children Park
On Street Parking lots	24 On Street Parking lots	24 Smart Road - PHASE I	24 Smart Road - PHASE I
9. Redevelopment of Palayam Market	19 Redevelopment of Palayam Market	25 Smart Road - PHASE I	25 Smart Road - PHASE I
Centralised Command Control Centre	Centralised Command Control Centre	26 Smart Mosquito Density System	26 Smart Mosquito Density System
Smart Water Network	27 Traffic & Transportation - TMS	27 Smart Water Network	27 Smart Water Network
Traffic & Transportation - TMS	28 Smart Mosquito Density System	28 SWM Data Centre	28 SWM Data Centre
Smart Mosquito Density System	29 SWM Data Centre	30 Safety & Security - Surveillance	30 Safety & Security - Surveillance
SWM Data Centre	31 Safety & Security - Surveillance	31 Unified e-Governance Portal	31 Unified e-Governance Portal
Safety & Security - Surveillance	32 Safety & Security - Surveillance	32 Centralised Command Control Centre (Civil)	32 Centralised Command Control Centre (Civil)
Unified Governance Portal	33 Safety & Security - Surveillance	33 Centralised Command Control Centre (Civil)	33 Centralised Command Control Centre (Civil)
Disaster Management	34 Disaster Management	34 Smart Mosquito Density System	34 Smart Mosquito Density System
11 Centralised Command Control Centre (Civil) *	35 On Street Parking lots	35 Heritage Conservation - Tanks	35 Heritage Conservation - Tanks
12 On Street Parking lots	36 Heritage Conservation - Tanks	36 Heritage Conservation - Tanks	36 Heritage Conservation - Tanks
13 Heritage Conservation	37 Heritage Conservation - Tanks	37 Integrated City Management Control Center (ICMCC)	37 Integrated City Management Control Center (ICMCC)
14 Heritage Conservation - Tanks	38 Smart Road - Phase I - V	38 SWM Data Centre	38 SWM Data Centre
15 Integrated Transit node (East Fort Bus Stand)	39 Smart Road - Phase I - V	39 Integrated Transit node (East Fort Bus Stand)	39 Integrated Transit node (East Fort Bus Stand)
16 Non Vehicular Zone	40 Smart Road - Phase I - V	40 Rehabilitation Facility for Palayam Vendors	40 Rehabilitation Facility for Palayam Vendors
17 Vending zones	41 Smart Road - Phase I - V	41 Rehabilitation Facility for Palayam Vendors	41 Rehabilitation Facility for Palayam Vendors
18 Thampanoor Railway Commercial Complex	42 Smart Road - Phase I - V	42 Rehabilitation Facility for Palayam Vendors	42 Rehabilitation Facility for Palayam Vendors
19 Upgradation of Public Health Centres	43 Smart Road - Phase I - V	43 Rehabilitation Facility for Palayam Vendors	43 Rehabilitation Facility for Palayam Vendors
20 Heritage settlements (Arahaams)	44 Smart Road - Phase I - V	44 Rehabilitation Facility for Palayam Vendors	44 Rehabilitation Facility for Palayam Vendors
Renovation of Sri Aranith Padmanabhaswamy Temple Precinct	45 Smart Road - Phase I - V	45 Smart Road - Phase I - V	45 Smart Road - Phase I - V
21 [Facilities, Renovation of structures, connectivity, signage, walkways]	46 Smart Road - Phase I - V	46 Smart Road - Phase I - V	46 Smart Road - Phase I - V
22 Aranitha - Phase II (Disaster Management)	47 Smart Road - Phase I - V	47 Smart Road - Phase I - V	47 Smart Road - Phase I - V
23 Warehouse facilities with ancillary activities at Chalai - Chalai	48 Integrated Transit node (East Fort Bus Stand)	48 Integrated Transit node (East Fort Bus Stand)	48 Integrated Transit node (East Fort Bus Stand)
Warehouse with commercial complex	49 Integrated Transit node (East Fort Bus Stand)	49 Integrated Transit node (East Fort Bus Stand)	49 Integrated Transit node (East Fort Bus Stand)
24 Adaptive Traffic Control System (ATCS)	50 Adaptive Traffic Control System (ATCS)	50 Adaptive Traffic Control System (ATCS)	50 Adaptive Traffic Control System (ATCS)
		29 Smart Road - (Ph-2&3) - Multi Level Car Parking (MLCP)	29 Smart Road - (Ph-2&3) - Multi Level Car Parking (MLCP)
		30 Smart Road - (Ph-2&3) - Multi Level Car Parking (MLCP)	30 Smart Road - (Ph-2&3) - Multi Level Car Parking (MLCP)
		31 Integrated Social Housing Complex - Slum Hts	31 Integrated Social Housing Complex - Slum Hts
		32 Integrated Social Housing Complex - Slum Hts	32 Integrated Social Housing Complex - Slum Hts
		33 Integrated Social Housing Complex - Slum Hts	33 Integrated Social Housing Complex - Slum Hts
		34 Integrated Social Housing Complex - Slum Hts	34 Integrated Social Housing Complex - Slum Hts
		35 Integrated Social Housing Complex - Slum Hts	35 Integrated Social Housing Complex - Slum Hts
		36 Integrated Social Housing Complex - Slum Hts	36 Integrated Social Housing Complex - Slum Hts
		37 Integrated Social Housing Complex - Slum Hts	37 Integrated Social Housing Complex - Slum Hts
		38 Integrated Social Housing Complex - Slum Hts	38 Integrated Social Housing Complex - Slum Hts
		39 Integrated Social Housing Complex - Slum Hts	39 Integrated Social Housing Complex - Slum Hts
		40 Integrated Social Housing Complex - Slum Hts	40 Integrated Social Housing Complex - Slum Hts
		41 Integrated Social Housing Complex - Slum Hts	41 Integrated Social Housing Complex - Slum Hts
		42 Integrated Social Housing Complex - Slum Hts	42 Integrated Social Housing Complex - Slum Hts
		43 Integrated Social Housing Complex - Slum Hts	43 Integrated Social Housing Complex - Slum Hts
		44 Integrated Social Housing Complex - Slum Hts	44 Integrated Social Housing Complex - Slum Hts
		45 Integrated Social Housing Complex - Slum Hts	45 Integrated Social Housing Complex - Slum Hts
		46 Integrated Social Housing Complex - Slum Hts	46 Integrated Social Housing Complex - Slum Hts
		47 Integrated Social Housing Complex - Slum Hts	47 Integrated Social Housing Complex - Slum Hts
		48 Integrated Social Housing Complex - Slum Hts	48 Integrated Social Housing Complex - Slum Hts
		49 Integrated Social Housing Complex - Slum Hts	49 Integrated Social Housing Complex - Slum Hts
		50 Integrated Social Housing Complex - Slum Hts	50 Integrated Social Housing Complex - Slum Hts

Table 2: Thiruvananthapuram Smart City Project brief progress (as on 31<sup>st</sup> March 2020)

MODULE STATUS	No. of SCP Projects	Amount in Cr.
<b>ABD PROJECTS</b>		
DPR Completed	24	719.98
Administrative Sanction Received	21	643.38
Technical Sanction Received	21	492.36
Tendered	14	170.91
Work Awarded	9	26.99
<b>PAN CITY PROJECTS</b>		
DPR Completed	5	195.15
Administrative Sanction Received	5	56.60
Technical Sanction Received	3	48.64
Tendered	2	41.22
Work Awarded	0	0
<b>CONVERGENCE PROJECTS</b>		
DPR Completed	4	158.26
Administrative Sanction Received	4	158.26
Technical Sanction Received	4	156.45
Tendered	4	156.45
Work Awarded	4	156.45
<b>TOTAL PROJECTS (Excluding Convergence)</b>		
DPR Completed	29	915.13
Administrative Sanction Received	26	699.97
Technical Sanction Received	24	541.00
Tendered	16	212.13
Work Awarded	9	26.99

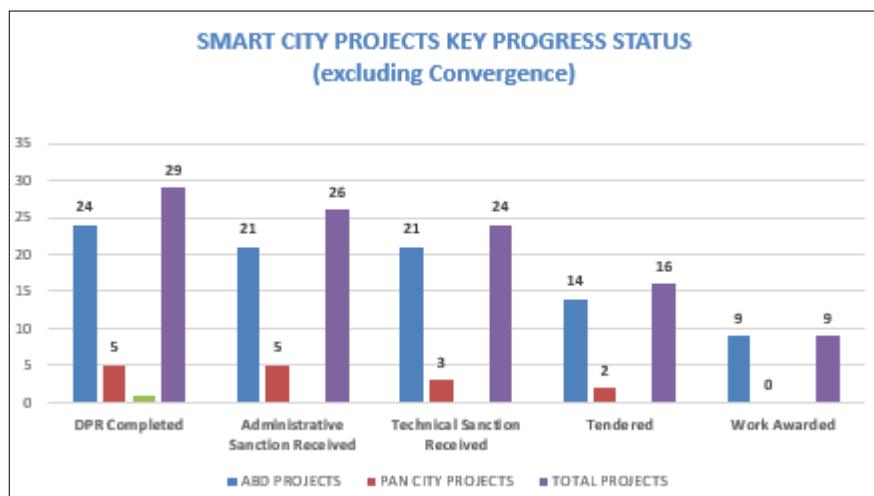


Table 3 Project Wise Current Status and DPR cost

PROJECT WISE PROGRESS STATUS					
Project Details			Estimated Cost (Rs. in Crs)	CURRENT STATUS	DPR COST (Rs. in Cr)
AREA BASED DEVELOPMENT					
<b>A</b>	<b>URBAN BASIC SERVICES</b>				
1	Continuous Piped Water Supply		22.83	WORK COMPLETED - Convergence	22.83
2	Under Ground Drainage Network		26.57	WORK COMPLETED - Convergence	26.57
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	28.50
6	Underground Ducting of Utilities		160.30		
7	On-street Parking lots		1.46		
8	Road and Junction Improvement		319.56	T/S Issued	408.75 (including ATCS)
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 (3 No.s) (Thampanoor, Palayam, Palayam A Block)		96.68	TENDER ISSUED	63.55
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		568.01
<b>B</b>	<b>LAND-USE EFFICIENCY</b>				
16	Thampanoor Railway Commercial Complex		44.38	CONSENT AWAITED	
17	Redevelopment of Palayam Market		118.22	TENDER ISSUED	80.86
18	Construction of Rehabilitation Block on TRIDA Land			TENDER ISSUED	12.68
19	Integrated Transit node (East Fort Bus Stand)		54.51	DPR SUBMITTED	28.10
20	Warehouse facilities with ancillary activities at Chalai		10.82	DPR UNDER PREPARATION	
MODULE SUB TOTAL			238.00		137.48
AREA BASED DEVELOPMENT					
<b>C</b>	<b>CULTURAL IDENTITY &amp; HERITAGE</b>				
21	Heritage Trails & Walks - Façade, Wall painting & Floor Marking		3.23	T/S Issued	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	TENDER ISSUED (Sree Chitra Park)	5.30
28	Cultural streets - (Manveeyam Veedhi)		3.40	T/S Issued	1.60
29	Heritage settlements (Agraharams)		4.68	CONSENT AWAITED	
MODULE SUB TOTAL			126.48		90.24
<b>D</b>	<b>RESILIENCE &amp; ECO-FRIENDLINESS</b>				
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
<b>E</b>	<b>SOCIO-ECONOMICS INCLUSIVENESS</b>				
33	Integrated Social Housing Complex - Slum HHS		95.90	DPR SUBMITTED	60.11
34	Upgradation of Anganwadis & Public Health Centres		5.27	WORK STARTED/TENDER ISSUED	2.73
35	Vending zones		5.27	TENDER ISSUED	2.74
MODULE SUB TOTAL			106.44		65.58
ABD MODULES SUB TOTAL			1386.12		878.24
PAN CITY PROJECTS					
1	Centralised Command Control Centre		29.63	DPR SUBMITTED (CIVIL & ICT) A/S ISSUED (Civil)	145.88
2	Smart Water Network		58.55	DPR SUBMITTED	
3	Traffic & Transportation - (Intelligent transport, variable Message Signboards & Smart Parking)		23.96		
4	Safety & Security - (CCTV Camera Surveillance System & Street Lighting with Control System)		23.74	TENDER ISSUED along with ATCS	48.64
5	Smart Mosquito Density System		0.54	A/S Issued	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		195.15
GRAND TOTAL (including Convergence)			1538.19		1073.39

### 2.3 Project Tenders Floated

Details of project tenders floated till 31<sup>st</sup> March 2020 are indicated below:

Table 4: Details of tendered projects till 31<sup>st</sup> March 2020

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 <b>Upgradation of Public Toilets</b> 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 <b>Information Kiosk</b> 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 <b>Water Kiosks</b> 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 <b>Bus Queue Shelters</b> 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	<b>Redevelopment of Public Toilets</b>	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 <b>E-Autos</b> (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 <b>Erickshaws</b> (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 <b>Rainwater Harvesting System</b>	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 <b>Anganwadi</b> – 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 <b>Solar</b> 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 <b>Redevelopment and Landscaping of Ponnara Sreedhar Park</b>	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 <b>Multi Level Car Parking</b> Cum Commercial Complex at Thampanoor	Rs. 16,39,69,164.14	SCTL/PRJ/232/2019/MPMM/RFP/01	30.10.2019	21/11/2019; 1730 Hrs IST	23/11/2019; 1200 Hrs IST
15	Selection of Contractor for <b>Temple Tanks</b> 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
			SCTL/PRJ/220/2019/RFP-OAT-01	04.02.2020	25-02-2020 16:00	28-02-2020 12:00
17	Selection of System Integrator for <b>TSCCC and ATCS</b>	Rs.59,01,94,901	SCTL-PRJ/241/2019-IT	19.12.2019	25/04/2020; 1600 Hrs IST	27/04/2020; 1200 Hrs IST
18	Selection of Contractor for <b>Redevelopment of Palayam Market at Palayam, Thiruvananthapuram including pre-fabricated structure and pit puzzle parking system in basement of market.</b>	Rs.81,94,22,954.67	SCTL-PRJ/217/2019-M(UP)/02	15.02.2020	25/04/2020; 1600 Hrs IST	27/04/2020; 1200 Hrs IST
19	Bio-mining of legacy wastes located on site adjacent to Connemara Market, Palayam	Rs.94,04,713	SCTL/PRJ/217/2020/M(UP)/01	21.01.2020	11-02-2020	To be intimated later
20	Selection of Contractor for Upgradation of Public Health Centers (PHCS) – UPHC Rajaji Nagar	Rs. 1,53,68,858.97	SCTL/PRJ/234/2019/UD/RFP-02	25.02.2020	20/03/2020; 1600 Hrs IST	23/03/2020; 1200 Hrs IST
21	Selection of Contractor for <b>Redevelopment of Sree Chithira Park</b> Thiruvananthapuram	Rs. 1,78,46,891	SCTL/PRJ/227/2019/UD/RFP-01	25.02.2020	25/04/2020; 1600 Hrs IST	27/04/2020; 1200 Hrs IST
22	Selection of Contractor for <b>Integrated Development of Parks and Open Spaces Childrens Park</b> Thiruvananthapuram	Rs. 1,72,37,857.94	SCTL/PRJ/231/2019/UD/RFP-03	25.02.2020	25/04/2020; 1600 Hrs IST	27/04/2020; 1200 Hrs IST
23	Selection of Contractor for Vending Zone Project, RKV Road	Rs. 1,72,15,986.71	SCTL/PRJ/235/2019/M(UP)/RFP-01	02.03.2020	24/03/2020; 1700 Hrs IST	26/03/2020; 1200 Hrs IST
		Rs. 1,72,15,986.71	SCTL/PRJ/235/2019/M(UP)/RFP-01	27.03.2020	25/04/2020; 1600 Hrs IST	28/04/2020; 1200 Hrs IST
24	Selection of Contractor for Design, Supply, Installation and Maintenance of Electro- Mechanical Car Parking System at A Block	Rs. 27,95,50,169.50	SCTL-PRJ/208/2019-MUP/Part -2	02.03.2020	25/04/2020; 1600 Hrs IST	27/04/2020; 1200 Hrs IST

## 2.4 Notice (Expression of Interest) Floated

Details of Notice (Expression of Interest) Floated till 31<sup>st</sup> March 2020 are indicated below:

Table 5: Details of Expression of Interest Floated till 31<sup>st</sup> March 2020

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 <b>Electrical Autos (E-Autos)</b> in Thiruvananthapuram City in the state of Kerala."	SCTL/PRI/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 <b>Public Bicycle Sharing System</b> . 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/PRI/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/Empanelled Agencies with MNRE/ANERT/SECI /Roof Top Solar Panels Developers or Operators for <b>Installation of grid connected rooftop solar photovoltaic power plant in 12 government buildings</b> , Thiruvananthapuram City in the state of Kerala".	SCTL/PRI/132/2018/EOI-Solar/01	26-11-2018	18/12/2017 1600 Hrs. IST	21/12/2018 1700 Hrs. IST
4	<b>Multi Level Car Parking (MLCP) cum Commercial Complexes</b> (Providing land for construction and operation & maintenance of multi-level car parking facility)	SCTL/PRI/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 <b>Statues</b> under Smart City Mission (SCM) in Thiruvananthapuram City	SCTL/PRI/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 31<sup>st</sup> March 2020:

Table 6: Details of Implementation of Tendered Projects as on 31<sup>st</sup> March 2020

S.N	PROJECT NAME	SUB PROJECT DETAILS		IMPLEMENTATION	PROJECT START DATE	EXPECTED FINISHING DATE	
		Project Scope					
1	Upgradation of Existing Public Toilets	1	Thambanoor Bus Terminal- In Gate	COMPLETED. HANDED OVER TO CLIENT.  <b>SITE YET TO HANDOVER. OLD CONTRACT TERMINATED.</b>	24-05-2019		
		2	Thambanoor Bus Terminal- Out Gate	New contract- LOA issued. LOA No: SCTL/PRI/205/2019/M(PMM)1256, dated 31/01/2020  <b>WORK COMPLETED.</b>			
		3	Sulabh Toilet - Corporation	Not handed over to the client. Snag and Extra work are not completed.  <b>Snag work rectification stopped due to Corona Virus COVID 19.</b>			
		4	Sulabh Toilet - Vanchiyoor	New contract - LOA issued. LOA No: SCTL/PRI/205/2019/M(PMM)1137, dated 06/01/2020  <b>OLD CONTRACT TERMINATED. SITE YET TO HANDOVER.</b>			
		5	Sulabh Toilet - Putharikandam Maidhanam	Site was inaugurated on 5 <sup>th</sup> Mar 2020. Handing over pending due to the delay of submission of documents by contractor.  <b>OLD CONTRACT TERMINATED. SITE YET TO HANDOVER.</b>			
		6	Sulabh Toilet - Thampanoor	New contract - LOA issued. LOA No: SCTL/PRI/205/2019/M(PMM)1137, dated 06/01/2020  <b>WORK COMPLETED.</b>			
2	Information Kiosk with Wi-fi facilities	1	Corporation Campus	WORK ON HOLD- Old Contract Terminated. New contract-LOA issued. LOA no: SCTL/PRI/205/2019/M(PMM)1256, dated 31/01/2020	30-05-2019		
		2	Gandhi park	WORK ON HOLD- Old Contract Terminated. New contract-LOA issued. LOA no: SCTL/PRI/205/2019/M(PMM)1256, dated 31/01/2020  <b>SITE YET TO HANDOVER</b>			
3	Redevelopment of Bus Queue shelters at 6 locations	1	Womens college	COMPLETED. Handing over pending due to the delay of submission of supporting documents by Contractor.	24-05-2019		
		2	Panavila	UNDER PROGRESS. Work stopped due to Corona virus COVID 19.			
		3	Killipalam boys school- loc 1	STARTED/ WORK ON HOLD.			
		4	Killipalam boys school- loc 2	UNDER PROGRESS. Work stopped due to Corona virus COVID 19.			
		5	Thampanoor railway station	UNDER PROGRESS. Work stopped due to Corona virus COVID 19.			
		6	Ayurveda college	COMPLETED. Handing over pending due to the delay of submission of supporting documents by Contractor.			
4	Installation of Open air Gym and Child play Equipments	1	Gandhi Park	COMPLETED.	10-05-2019		
		2	Sreekandeswaram Park	Inauguration of Gandhi park is done on 18-11-2019. Only snags are pending. No response from contractor regarding rectification of snags.			
		3	Sree Chithira thirunal Park				

PROJECT DETAILS		SUB PROJECT DETAILS		IMPLEMENTATION		
S.N	PROJECT NAME	S.N	Project Scope	CURRENT STATUS	PROJECT START DATE	EXPECTED FINISHING DATE
5	Upgradation of Anganwady at three identified locations	1	Rajaji Nagar, Chenkalchoola (Centre no: 63)	COMPLETED. Snags are pending. <a href="#">Snag rectification works stopped due to Corona virus COVID 19.</a>	08.08.2019	
		2	Thampanoor UP School-Centre no: 61	COMPLETED. Snags are pending. <a href="#">Snag rectification works stopped due to Corona virus COVID 19.</a>	02.08.2019	
		3	Fort Sanskrit School-Centre no 60	COMPLETED. Snags are pending. <a href="#">Snag rectification works stopped due to Corona virus COVID 19.</a>	3.11.2019	
6	Installation of Drinking Water Kiosk	1	Anganwadi, Rajaji Nagar	OUT OF 25 LOCATION 22 LOCATION WERE HANDED OVER.  Site work started on 20.03.2019. <a href="#">Work stopped due to Corona Virus COVID 19.</a>		
		2	Chithira Thirunal Park			
		3	Charithra Veedhi			
		4	Putharikandam Maidanam 1			
		5	Putharikandam Maidanam 2			
		6	Putharikandam Maidanam 3			
		7	Gandhi Park			
		8	Chalai New Market Block 1			
		9	Chalai New Market Block 2			
		10	Corporation Campus 1			
		11	Corporation Campus 2			
		12	East Fort Bus Terminal 1			
		13	East Fort Bus Terminal 2			
		14	Thampanoor UP school			
		15	Thycaud Model School 1			
		16	Thycaud Model School 2			
		17	Women and Child Hospital 1			
		18	Women and Child Hospital 2			
		19	Manaveeyam Veedhi 1			
		20	Manaveeyam Veedhi 2			
		21	Panavila Bus stop			
		22	RMS Thampanoor	<a href="#">SITE YET TO HANOVER</a>		
		23	Ayurveda college jn	<a href="#">SITE YET TO HANOVER</a>		
		24	SMV school	<a href="#">SITE YET TO HANOVER</a>		
		25	General Hospital	<a href="#">SITE YET TO HANOVER</a>		
7	Design, Supply, Installation, Erection, Testing & Commissioning, Operation & Maintenance of Grid-Tied Roof Mounted Solar PV Power Plant On Various Buildings in Thiruvananthapuram	1	Govt. Central High School	SITE HANDED OVER ON 06-12-2019. DESIGN SUBMITTED BY THE CONTRACTOR FOR APPROVAL AND VERIFICATION BY SCTL. Electrical Inspectorate approval process is going on. <a href="#">Work stopped due to Corona virus COVID19.</a>		
		2	Kerala University Library			
		3	State Central Library			
		4	Govt. College for Women's			
		5	Kerala Legislative Assembly			
8	Redevelopment of Public toilets	1	Near East fort bus stop	<a href="#">SITE YET TO HANOVER</a>	29-01-2020	
		2	Public toilet near Padmanabha theatre	<a href="#">SITE YET TO HANOVER</a>		
		3	Public toilet near New theatre	HANDED OVER ON 29-01-2020. WORK STARTED. Demolishing, Excavation and PCC works completed. <a href="#">Work stopped due to Corona Virus COVID 19.</a>		

Figure 1: Few glimpses of ongoing project execution works in the month of March 2020

**Upgradation of Anganwadi (at 3 locations)**



**Information Kiosk with Wi-fi facilities (at 2 locations)**



**Upgradation of Existing Public Toilets (at 3 locations)**



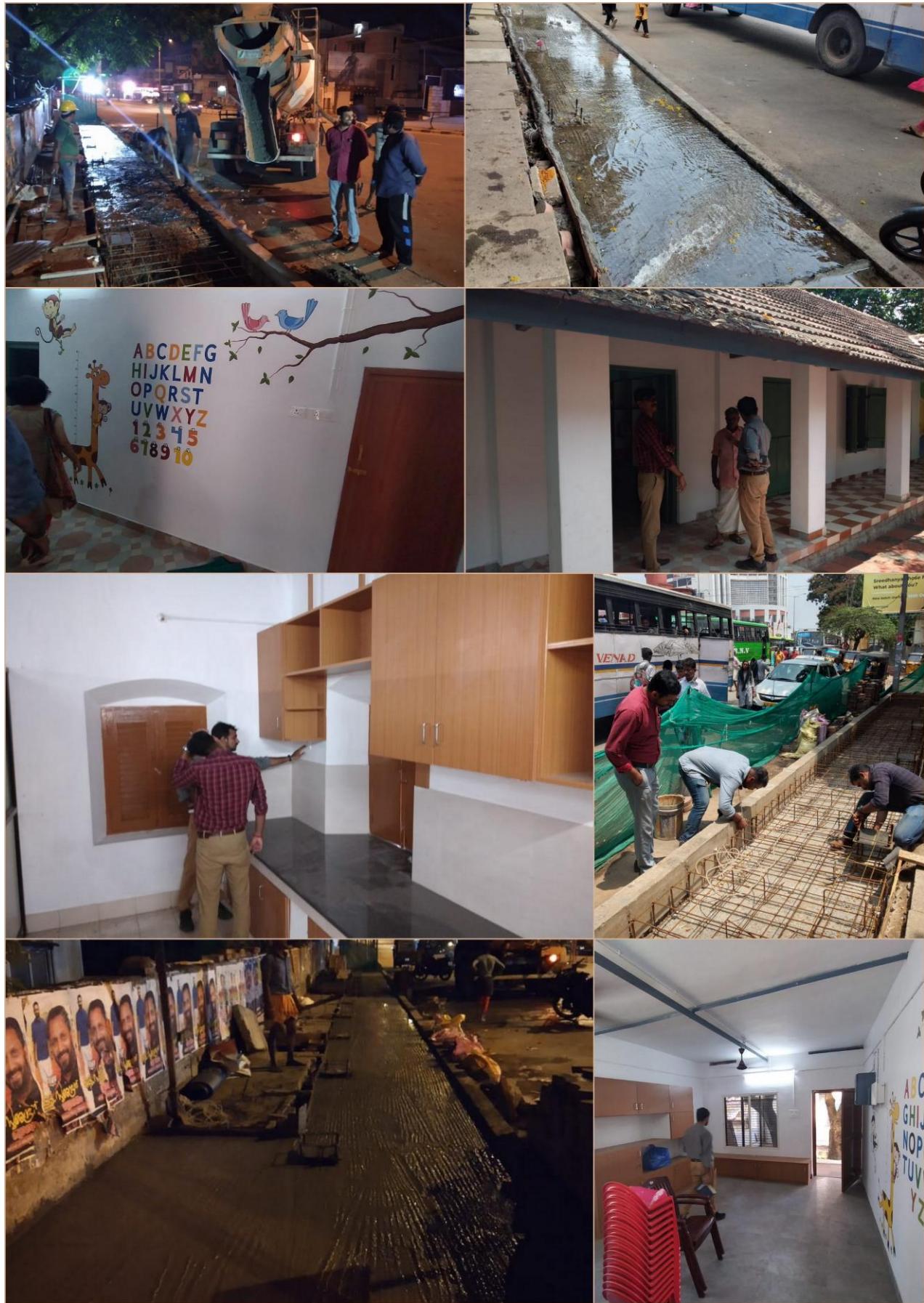
**Redevelopment of Bus Queue shelters (at 6 locations)**



**Redevelopment of Public Toilets (at 3 locations)****Installation of Drinking Water Kiosk (at 25 locations)****Installation of Open-air Gym and Child play Equipment (at 3 locations)**

Glances of  
Inauguration of  
Open Gym at  
Gandhi Park –  
18.11.2019

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





#### 4 DELIVERABLES BY PMC (in the month of March 2020):

In the month of March 2020, PMC team has made 13 deliverables like, Revised Detailed Project Reports, Request for Proposal (RFP) for Tender, Monthly Project Report (MPR), Revised Estimates, Structural Vetting Drawing etc. Following deliverables in the month of March 2020:

*Table 7: Deliverables by PMC in the month of March 2020*

S.N	Project Name	Ref Letter No.	Date	Document Name
1	Integrated Social Housing Complex - Slum HHs	PMC/PD/PP/DPR/12a	02-Mar-20	Submission of Structural Vetting Drawings (Rajaji Nagar)
2	Integrated Transit node (East Fort Bus Stand)	PMC/PD/PP-2/DPR/09a	03-Mar-20	Structural Vetting Drawings
3	'Setting up Command and Control Centre for Pan City ICT Component	PMC/PD/PP/DPR/07e	03-Mar-20	Revised Detailed Project Report (Civil, Interior works and PHE)
4	Monthly Progress Report (MPR)	SCTL/PMC/PD/100	06-Mar-20	MPR - February 2020
5	Integrated City Management Control Center (ICMCC)	PMC/PD/PP/DPR/09d	06-Mar-20	Revised DPR (ICT)
6	Integrated City Management Control Center (ICMCC)	PMC/PD/PP/DPR/09e	16-Mar-20	Revised DPR (ICT)
7	Integrated Social Housing Complex - Slum HHs	PMC/PD/PP/DPR/12b	16-Mar-20	Revised Estimate (Civil)
8	Smart Road - (Ph- 2B & 4A) Underground Ducting of Utilities (Corporation Road)	PMC/PD/PP-2/RFP/04	17-Mar-20	Draft RFP
9	Smart Road - (Ph- 2B & 4A) Underground Ducting of Utilities (Corporation Road)	PMC/PD/PP-2/RFP/04a	19-Mar-20	Revised RFP
10	Smart Road - Underground Ducting of Utilities (PWD & KRB Road)	PMC/PD/PP-2/RFP/05	19-Mar-20	RFP
11	Integrated Transit node (East Fort Bus Stand)	PMC/PD/PP-2/DPR/09b	30-Mar-20	Revised DPR
12	Integrated Social Housing Complex - Slum HHs	PMC/PD/PP/RFP/09	31-Mar-20	Draft RFP
13	'Setting up Command and Control Centre for Pan City ICT Component	PMC/PD/PP/DPR/07f	31-Mar-20	Revised DPR

Following deliverables were submitted by PMC to SCTL in the month of March 2020:

**STRUCTURAL VETTING DRAWINGS**

**INTEGRATED SOCIAL HOUSING COMPLEX FOR SLUM HOUSEHOLDS PROJECT**

PROJECT DOMAIN: SOCIO-ECONOMICS INCLUSIVENESS  
DOCUMENT NO. PMC/PD/PP/DPR/12a

**Thiruvananthapuram Smart City**

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

Making Development a Ground Reality  
Integrity Innovation Passion Perseverance Learning

**Smart City**

Smart City Thiruvananthapuram Limited  
National Competitive Bidding

Request for Proposal (RFP)  
For  
Selection of Contractor for Development of Smart Roads and Underground Ducting including Utility Shifting of Water Supply and Power lines in ABD area Under Smart City Mission (Corporation Roads) in Thiruvananthapuram

**Volume I: Instructions to Bidders (ITB)**  
Issued: 17th March, 2020  
By  
Chief Executive Officer  
SMART CITY THIRUVANANTHAPURAM LIMITED  
Vikas Bhawan, 4th Floor, Annex Building,  
Opp. AG's Office, MC Road, Near Statue,  
Thiruvananthapuram - 695 001, India  
E-mail: [pmctc.sctl@gmail.com](mailto:pmctc.sctl@gmail.com)  
Website: <http://smartcitytvm.in>

**DETAILED PROJECT REPORT  
REVISED DPR  
CIVIL, INTERIOR WORKS AND PHE WORKS**

**COMMAND AND CONTROL CENTRE (CIVIL)**

PROJECT DOMAIN: URBAN BASIC SERVICES  
DOCUMENT NUMBER – PMC/PD/PP/DPR/07e

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

**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**

**INTEGRATED TRANSIT NODE AT EAST FORT**

PROJECT DOMAIN: URBAN BASIC SERVICES  
DOCUMENT NUMBER: PMC/PD/PP-2/DPR/09a

**Thiruvananthapuram Smart City**

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

Making Development a Ground Reality  
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**(FEBRUARY 2020)**

**MONTHLY PROGRESS REPORT**

**Thiruvananthapuram Smart City**

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

Making Development a Ground Reality  
Integrity Innovation Passion Perseverance Learning

**Smart City Thiruvananthapuram Limited  
National Competitive Bidding**

Request for Proposal (RFP)  
For  
Selection of Contractor for Development of Smart Roads and Underground Ducting including Utility Shifting of Water Supply and Power lines in ABD area Under Smart City Mission (Corporation Roads) in Thiruvananthapuram

**Volume I: Instructions to Bidders (ITB)**  
Issued: 19th March, 2020  
By  
Chief Executive Officer  
SMART CITY THIRUVANANTHAPURAM LIMITED  
4th Floor, Felicity Square,  
Opp. AG's Office, MC Road, Near Statue,  
Thiruvananthapuram - 695 001, India  
E-mail: [pmctc.sctl@gmail.com](mailto:pmctc.sctl@gmail.com)  
Website: <http://smartcitytvm.in>

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

**DETAILED PROJECT REPORT (Revised Ver 3.0)**

**INTEGRATED CITY MANAGEMENT CONTROL CENTRE (ICMCC)**

PROJECT DOMAIN: ICT- PAN CITY DOCUMENT NUMBER – SCTL/PMC/PO/PP/DPR/09c

**Thiruvananthapuram Smart City**

Submitted By

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

Making Development a Ground Reality Integrity Innovation Passion Perseverance Learning

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

**Smart City**

**Smart City Thiruvananthapuram Limited**  
National Competitive Bidding

**Request for Proposal (RFP)**

Selection of Contractor for INTEGRATED SOCIAL HOUSING COMPLEX FOR SLUM HOUSEHOLD PROJECT AT RAJAJI NAGAR - PHASE 1 in Thiruvananthapuram

**Volume 1: Instructions to Bidders (ITB)**  
Issued: 30th March, 2020

By

Chief Executive Officer  
SMART CITY THIRUVANANTHAPURAM LIMITED  
4th Floor, Felicity Square  
Opp. A/C's Office, MG Road, Near Namee, Thiruvananthapuram - 695 001, India  
Email: [rajasen@smartcitytnm.in](mailto:rajasen@smartcitytnm.in)  
Website: <http://smartcitytnm.in>

**REvised CIVIL BOQ & ESTIMATES**

**INTEGRATED SOCIAL HOUSING COMPLEX FOR SLUM HOUSEHOLDS PROJECT**

PROJECT DOMAIN: SOCIO-ECONOMIC INCLUSIVENESS DOCUMENT NO:PMC/PO/PP/DPR/12b

**Thiruvananthapuram Smart City**

Submitted By

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

Making Development a Ground Reality Integrity Innovation Passion Perseverance Learning

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

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

**DETAILED PROJECT REPORT REVISED DPR CIVIL, INTERIOR AND PHE WORKS**

**COMMAND AND CONTROL CENTRE (CIVIL)**

**PROJECT DOMAIN: URBAN BASIC SERVICES DOCUMENT NUMBER – PMC/PO/PP/DPR/07f**

**Thiruvananthapuram Smart City**

Submitted By

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

**REvised DETAILED PROJECT REPORT INTEGRATED TRANSIT NODE AT EAST FORT**

PROJECT DOMAIN: URBAN BASIC SERVICES DOCUMENT NUMBER: PMC/PO/PP-2/DPR/09b

**Thiruvananthapuram Smart City**

Submitted By

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

**Kerala Road Fund Board (KRFB)**  
National Competitive Bidding

**Request for Proposal (RFP)**

Selection of Contractor for Development of Smart Roads and Underground Ducting Including Utility Shifting of Water Supply and Power lines in ABD area Under Smart City Mission (KRFB Roads) in Thiruvananthapuram

**Volume 1: Instructions to Bidders (ITB)**  
Issued: 19th March, 2020

By

Chief Executive Officer  
Kerala Road Fund Board (KRFB)  
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Website: <http://www.krfb.org/>

#### 4.1 Key Projects/Progress/Review Presentations:

During the month of March 2020, PMC team had following key progress/project presentations:

*Table 8: List of presentations in the month of March 2020.*

S.N	Date	Stakeholder/Department	Project Name	Key Agenda
1	12-Mar-20	LSGD Minister Meeting	Smart City Thiruvananthapuram - Progress Review	Execution Project Details
2	12-Mar-20	LSGD Minister Meeting	Smart City Thiruvananthapuram - Progress Review	Smart Road Project Details - 5 Phases
3	12-Mar-20	LSGD Minister Meeting	Smart City Thiruvananthapuram - Progress Review	CHALAI WAREHOUSE & COMMERCIAL COMPLEX - Concept
4	12-Mar-20	LSGD Minister Meeting	Smart City Thiruvananthapuram - Progress Review	Major Projects - One Slider

Picture 3: Few glimpses from Project Meetings (in the month of March 2020)





## 5 LETTERS SUBMITTED:

During the month of March 2020, 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 March 2020

S.N	Letter No	Date	Subject	Address to
1	PMC/PD/PP/DPR/12a	02-Mar-20	Submission of Structural Vetting Drawings (Rajaji Nagar) - Integrated Social Housing Complex for Slum Households Project (under Socio-Economic Inclusiveness Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
2	PMC/PD/PP-2/DPR/09a	03-Mar-20	Submission of Structural Vetting Drawings - Integrated Transit node (East Fort Bus Stand) (under LAND-USE EFFICIENCY Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
3	PMC/PD/PP/DPR/07e	03-Mar-20	Revised Detailed Project Report (Civil, Interior works and PHE) 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
4	SCTL/PMC/PD/98	03-Mar-20	Submission of Final Version of Corrigendum - TSCCC & ATCS after CEO review dated - 03.03.2020	Sh. P. Bala Kiran (IAS), CEO, SCTL
5	SCTL/PMC/IMPL/Solar/05	04-Mar-20	Design, Supply, Installation, Erection, Testing & Commissioning, Operation & Maintenance of Grid Tied Roof Mounted Solar PV Power Plant at Kerala Legislative Assembly - Customer Approval & Signature For Electrical Inspectorate Initial Approval Submission	Dr. Sanoop Gopikrishna GM- SCTL
6	SCTL/PMC/PD/99	05-Mar-20	Submission of complete set of DPR (including latest drawings, Estimates etc.) of smart road projects from Phase-1-5	Dr. Sanoop Gopikrishna GM- SCTL
7	SCTL/PMC/IMPL/PT-Ph1/21	05-Mar-20	Upgradation of Public Toilets at 4 locations - Regarding submission of Invoice	Dr. Sanoop Gopikrishna GM- SCTL
8	SCTL/PMC/IMPL/Solar/06	05-Mar-20	Insurance Policies and Labour Registration	Dr. Sanoop Gopikrishna GM- SCTL
9	SCTL/PMC/IMPL/DWK/03	05-Mar-20	Revised drawing submittal prior to commencement of work against ref. no. SCTL/PRI/207/M/(PMM)1382 dated. 22.02.2020	Dr. Sanoop Gopikrishna GM- SCTL
10	SCTL/PMC/PD/100	06-Mar-20	Monthly Progress Report - February 2020	Sh. P. Bala Kiran (IAS), CEO, SCTL
11	PMC/PD/PP/DPR/09d	06-Mar-20	Submission of Revised Draft Detailed Project Report- Integrated City Management Control Center (ICMCC)	Sh. P. Bala Kiran (IAS), CEO, SCTL
12	SCTL/PMC/IMPL/DWK/04	07-Mar-20	Supply, Installation Commissioning and Operation and Maintenance of Water Kiosks at specified locations in Thiruvananthapuram City- regarding material sample testing	Dr. Sanoop Gopikrishna GM- SCTL
13	SCTL/PMC/IMPL/DWK/05	11-Mar-20	Supply, Installation Commissioning and Operation and Maintenance of Water Kiosks at specified locations in Thiruvananthapuram City- Response to submission of revised drawing	Dr. Sanoop Gopikrishna GM- SCTL
14	SCTL/PMC/EXE/PT-Ph-I/03	11-Mar-20	Upgradation of Existing Public Toilets – Monthly Progress Report (Execution) for February 2020	Dr. Sanoop Gopikrishna GM- SCTL
15	SCTL/PMC/EXE/Anganwadis/03	11-Mar-20	Upgradation of Anganwadis – Monthly Progress Report (Execution) for February 2020	Dr. Sanoop Gopikrishna GM- SCTL
16	SCTL/PMC/PD/101	12-Mar-20	Regd. the RTI received on 03.03.2020 related to the project "Redesign of Bus Stops with Wifi facilities"	Dr. Sanoop Gopikrishna GM- SCTL

S.N	Letter No	Date	Subject	Address to
17	SCTL/PMC/IMPL/Anganwadis/14	12-Mar-20	Upgradation of Anganwadi at 3 Locations (Thampanoor UPS, Rajaji Nagar and Fort School – 3rd Extension of Time	Dr. Sanoop Gopikrishna GM- SCTL
18	SCTL/PMC/IMPL/Solar/07	13-Mar-20	Design, Supply, Installation, Erection, Testing & Commissioning, Operation & Maintenance of Grid -Tied Roof Mounted Solar PV Power Plant on Various Buildings in Thiruvananthapuram - Sub: Submission of 1st and Part Bill	Dr. Sanoop Gopikrishna GM- SCTL
19	SCTL/PMC/IMPL/PT-Ph1/22	13-Mar-20	Upgradation of toilet at 4 locations – Public Toilet at Putharikandam Maidanam regarding snags.	Dr. Sanoop Gopikrishna GM- SCTL
20	PMC/PD/PP/DPR/09e	16-Mar-20	Submission of Revised Draft Detailed Project Report- Integrated City Management Control Center (ICMCC)	Sh. P. Bala Kiran (IAS), CEO, SCTL
21	PMC/PD/PP/DPR/12b	16-Mar-20	Submission of Revised Estimate (Civil) (Rajaji Nagar) - Integrated Social Housing Complex for Slum Households Project (under Socio-Economic Inclusiveness Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
22	PMC/PD/PP-2/RFP/04	17-Mar-20	Submission of Draft Request for Proposal - Phase – 2B and 4A (Corporation Roads) – Underground ducting of utilities: Smart Road – (Urban Basic Services SCP Module)	Sh. P. Bala Kiran (IAS), CEO, SCTL
23	SCTL/PMC/IMPL/Anganwadis/15	17-Mar-20	Upgradation of Anganwadi at Rajaji Nagar, Thampanoor UPS and Fort School – Snag list	Dr. Sanoop Gopikrishna GM- SCTL
24	SCTL/PMC/IMPL/PT-Ph2/3	18-Mar-20	Redevelopment of Public Toilets at 3 identified locations – Approval from departments for drainage and electrical connections	Dr. Sanoop Gopikrishna GM- SCTL
25	SCTL/PMC/IMPL/PT-Ph2/4	18-Mar-20	Redevelopment of Public Toilets at 3 identified locations – Delay in Work due to Corona Virus scare	Dr. Sanoop Gopikrishna GM- SCTL
26	PMC/PD/PP-2/RFP/04a	19-Mar-20	Submission of Revised Request for Proposal - Development of Smart Roads and Underground Ducting Including Utility Shifting of Water Supply and Power lines in ABD area Under Smart City Mission (Corporation Roads) – (Urban Basic Services SCP Module)	Sh. P. Bala Kiran (IAS), CEO, SCTL
27	PMC/PD/PP-2/RFP/05	19-Mar-20	Submission of Request for Proposal - Development of Smart Roads and Underground Ducting Including Utility Shifting of Water Supply and Power lines in ABD area Under Smart City Mission (KRFB Roads) in Thiruvananthapuram (Urban Basic Services SCP Module)	Sh. P. Bala Kiran (IAS), CEO, SCTL
28	SCTL/PMC/IMPL/PT-Ph2/5	23-Mar-20	Redevelopment of Public Toilets at Three (3) Identified Locations. –test reports reg.	Dr. Sanoop Gopikrishna GM- SCTL
29	SCTL/PMC/IMPL/Bus-Stops/43	23-Mar-20	Redevelopment of Bus Queue Shelters at 6 Identified Location – Killipalam- Loc-1 –Cube test report reg.	Dr. Sanoop Gopikrishna GM- SCTL
30	SCTL/PMC/IMPL/Bus-Stops/44	23-Mar-20	Redevelopment of Bus Queue Shelters at 6 Identified Location- Thampanoor –Cube test report reg.	Dr. Sanoop Gopikrishna GM- SCTL
31	SCTL/PMC/IMPL/Bus-Stops/45	23-Mar-20	Redevelopment of Bus Queue Shelters at 6 Identified Locations – Material Approval reg.	Dr. Sanoop Gopikrishna GM- SCTL
32	SCTL/PMC/IMPL/PT-Ph1/23	23-Mar-20	Upgradation of Existing Public Toilets - Rate analysis verified from PMC side.	Jerry Jose Manager (Project Management & Monitoring)
33	SCTL/PMC/IMPL/Anganwadis/16	23-Mar-20	Upgradation of Anganwadis - Running Account Bill No. 2	Dr. Sanoop Gopikrishna GM- SCTL
34	PMC/PD/PP-2/DPR/09b	30-Mar-20	Submission of Revised Detailed Project Report - Integrated Transit Node at East Fort (under LAND-USE EFFICIENCY Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
35	PMC/PD/PP/RFP/09	31-Mar-20	Draft REQUEST FOR PROPOSAL - Integrated Social Housing Complex for Slum Households	Sh. P. Bala Kiran (IAS), CEO, SCTL

S.N	Letter No	Date	Subject	Address to
			Project (Rajaji Nagar) (under Socio-Economic Inclusiveness Module in SCP).	
36	PMC/PD/PP/DPR/07f	31-Mar-20	Revised Detailed Project Report (Civil, Interior Works and PHE) 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

## 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 31<sup>st</sup> March 2020)

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	
4	OAT at Putharikandam Maidanam	Chalai	TMC	Ward 71	YES* To confirm whether this NOC covers construction of features other than OAT,	05.04.2019
5	Redevelopment of Palayam Market	Palayam	TMC, TRIDA, Town Planning Dept, Town Vending Committee, Arts and Heritage Commission, Fire Dept, Pollution Control Board, KSEB, KWA, PWD, Mining and Geology Dept	Ward 27	NO	
6	Reconstruction of Existing Public Toilets	Beside Padmanabha Theatre, Chalai	TMC	Ward 71	YES	12.06.2019
		Near New Theatre, Thampanoor	TMC	Ward 81	YES	12.06.2019
		East Fort North Bus Stand	TMC	Ward 80	YES	12.06.2019

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
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				
8	Phase 1: Linked Green Activity Zones- Integrated Development - Installation of Open Gym Equipment and Children's play equipment	Shri Chithira Thirunal Park	TMC	Ward 81	YES	27.03.2019
		Sreekanteswaram Park	TMC	Ward 81	YES	27.03.2019
		Gandhi Park	TMC	Ward 71	YES	27.03.2019
	Phase 2 : Linked Green Activity Zones- Integrated Development of Parks	Sree Kandeswaram Park	TMC	Ward 83	NO	
		Ponara Sreedhar Park	TMC	Ward 81	NO	
	Phase 3 : Linked Green Activity Zones- Integrated Development of parks	Gandhi Park	TMC		NO	
		Shri Chithira Thirunal Park	TMC	Ward 81	NO	
		Children's Park on LMS Vellayambalam Road	KWA		NO	
9	Sustainable Campuses - Rainwater Harvesting - Phase 1	Thiruvananthapuram Municipal Corporation Office	TMC	Ward 27	NO	
		Government Women's College	Government Women's College	Ward 28	NO	
10	Sustainable Campuses - Solar Rooftop Phase 1	Government College for Women	Government College for Women		YES	07.09.2019
		Kerala University Library	University of Kerala		YES	25.10.2018
		State Central Library	State Central Library		YES	14.09.2018
		Government Central High School	Government Central High School		YES	12.09.2019
		Kerala Legislative Assembly	Kerala Legislative Assembly Secretariat		YES	21.11.2018
		Bus Terminal Complex	KTDFC		YES	02.04.2019

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
10	Sustainable Campuses - Solar Rooftop Phase 2	Travancore Dewasom Board Building	Kerala Dewasom Recruitment Board		YES	14.02.2019 (TDB) 09.07.2019 (Kerala Dewasom Recruitment Board)
		Fire and Rescue Head Office	Fire and Rescue Head Office		YES	02.11.2019 NoC signed by Director General, Fire and Rescue Services
		KTDFC Main Head Office	KTDFC		NO	
11	Heritage Trails and Walks- Façade, Wall Painting and Floor Marking	Manaveeyam Veedhi	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	
		Secretariat			NO	
12	Vending zones	Locations not identified				
13	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	
	Last Mile Connectivity - E Autos - Public Bike Sharing	Manaveeyam veedhi	PWD	Ward 27	NO	
		In front of museum	KRFB	Ward 27	NO	
		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	
	Last Mile Connectivity - E Autos - Public Bike Sharing	KSRTC Terminal	KSRTC	Ward 81	NO	
		Thampanoor Corporation parking	TMC	Ward 81	NO	
		Inside Gandhi Park	TMC	Ward 71	NO	
		Near Taluk office road/ Sree Chithira Thirunal Park	TMC	Ward 80	NO	
		Ayurveda College Junction	KRFB	Ward 82	NO	

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
		In front of Sreekandeshwaram temple	KRFB	Ward 83	NO	
		Statue Junction	KRFB	Ward 81	NO	
		Near Killipalam bus stop	PWD&NH	Ward 71	NO	
		Near Shri Shankaracharya university	TMC	Ward 82	NO	
14	Phase 1 Redesign of Bus Stops with Wi-Fi Hotspot Facilities	Women's College bus stop	PWD	Ward 28	NO	
		Panavila bus stop	KRFB	Ward 29	YES	01.12.2018
		Killipalam bus stop along model boys school	PWD-NH	Ward 43	YES	19.08.2019
		Killipalam bus stop opp. model boys school	PWD-NH	Ward 71	YES	19.08.2019
		Railway station bus stop	KRFB,KSRTC	Ward 71	YES	16.01.2019 (KSRTC) 11.10.2019 (KRFB)
		Ayurveda College bus stop	KRFB	Ward 82	YES	01.12.2018
	Phase 2Redesign of Bus Stops with Wi-Fi Hotspot Facilities	Vazhuthacaud Bus Stop near Police HQ	PWD, Prateeksha	Ward 29	NO	
		Vazhuthacaud Bus Stop near Near Juma Masjid	PWD	Ward 29	NO	
		Kalabhavan Bus Stop	PWD	Ward 29	NO	
		Vazhuthacaud Bus Stop near Near Annie Mascrene Square-Thycaud	PWD,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	
		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	

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
		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	Corporation Campus - Near Sulabh comfort station	TMC	Ward No 27	YES	25.01.2020
		Corporation Campus - Aside SBI ATM	TMC	Ward No 27	YES	25.01.2020
		Anganwadi, Rajaji Nagar - Within the boundary wall	TMC	Ward No 28	YES	25.01.2020
		Women and Child Hospital - Near the Entrance Gate	Hospital	Ward No 28	YES	08.05.2019
		Women and Child Hospital - Under the Canopy in front of Casualty	Hospital	Ward No 28	YES	08.05.2019
		Putharikandam Maidanam - Near the front entrance	TMC	Ward No 71	YES	25.01.2020
		Putharikandam Maidanam - Near the park walkway	TMC	Ward No 71	YES	25.01.2020
		Putharikandam Maidanam - Along the edge before the EK Nayanar park	TMC	Ward No 71	YES	25.01.2020
		East Fort Bus Terminal - Within the Terminal	KSRTC	Ward No 71	NO	
		East Fort Bus Terminal - Within the Terminal	KSRTC	Ward No 71	NO	
		Gandhi Park - Near Gandhi Park Cafeteria	TMC	Ward No 71	YES	25.01.2020
		Chalai New Market Block - Between Old and New Block	TMC	Ward No 71	YES	25.01.2020
		Chalai New Market Block - In the front yard facing KK Road	TMC	Ward No 71	YES	25.01.2020
		Chithira Thirunal Park - Inside the park along the Boundary shared by KSRTC land	TMC	Ward No 80	YES	25.01.2020

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
		Charithra Veedhi - Along the start point of the Charithra Veedhi	TMC	Ward No 81	NO	
		Thampanoor UP School - Near hand wash area towards rear side of the school	UP School	Ward No 81	YES	19.03.2020
		Thycaud Model School 1 - Near the Principal's room next to the Mango Tree	School	Ward No 28	YES	07.05.2019
		Thycaud Model School - Between UP Building and Clerk Bunglow	School	Ward No 29	YES	07.05.2019
		Maanaveeyam Veedhi 1 - Along KELTRON boundary wall opposite to Valayar Statue	PWD	Ward No 27	NO	
		Maanaveeyam Veedhi 2 - Along KELTRON boundary wall at Althara Jn	PWD	Ward No 27	NO	
		Panavila Bus Stop - Next to the Bus Stop to Bakery Jn direction	KRFB	Ward No 29	NO	
		RMS Thampanoor - In the starting point of the smart city bus shelter	KRFB	Ward No 81	NO	
		Ayurveda College Jn - In the front yard green area	Ayurveda Clg	Ward No 82	NO	
		SMV School - Outside the gate of the school	KRFB	Ward No 81	NO	
		General Hospital - Outside the main entry gate	KRFB	Ward No 82	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 Balasubrahmany 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)
22	Integrated Transit Node	East Fort, Trivandrum	TMC, KSRTC, KSEB, KWA, PWD, KSEB		YES (From TMC only)	31.01.2020 (From TMC)

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
	(East Fort Bus Stand)					

Table 11: Status of NoCs for Smart Roads in ABD area (as on 31st March 2020)

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

17	SreeKanteswaram Park to Uppidamoodu Bridge	Ward No.83	TRDCL	NO	
18	Uppidamoodu Bridge to Court Jn.	Ward No.83	TRDCL	NO	
19	Eanchakkal Fort Hospital Road	Ward No.83	TRDCL	NO	
20	General hospital to Palayam Jn.	Ward No.27	TRDCL	NO	
21	Attakulangara to Azhikoota Jn.	Ward No.80	TRDCL	NO	

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

41	Manjalkulam Road	Ward No.81	PWD	YES	07.09.2019
42	Aristo Road	Ward No.28	PWD	YES	07.09.2019
43	Punnen Road	Ward No.81	PWD	YES	07.09.2019
44	Pulimoodu Residency Road	Ward No.81	PWD	YES	07.09.2019
45	Overbridge Collectorate Uppidamoodu Junction	Ward No.82	PWD	YES	07.09.2019
46	Pulimoodu-Uppidamoodu (Ambujavilasam Road)	Ward No.82	PWD	YES	07.09.2019
47	Ayurveda College - Old GPO Kunnumpuram	Ward No.82	PWD	YES	07.09.2019
48	Statue-General Hospital-Vanchiyoor	Ward No.82	PWD	YES	07.09.2019
49	Ayurveda College - Chettikulangara	Ward No.82	PWD	YES	07.09.2019
50	Kochar Road to DDE Office Junction	Ward No.43	PWD	YES	07.09.2019
51	West Fort-Ponnapuram-Kaithamukku Road	Ward No.80 and 83	PWD	YES	07.09.2019
	PHASE 5 - 23KM				
1	Bodheswaran Road	Ward No.27	TMC	YES	16.05.2019
2	CHH Road	Ward No.27	TMC	YES	16.05.2019
3	Forest Office Lane	Ward No.27	TMC	YES	16.05.2019
4	Forest Office Lane	Ward No.27	TMC	YES	16.05.2019
5	CHH Road	Ward No.27	TMC	YES	16.05.2019
6	Forest Office Lane E	Ward No.27	TMC	YES	16.05.2019
7	Observatory Lane	Ward No.27	TMC	YES	16.05.2019
8	Link Road Number 1	Ward No.27	TMC	YES	16.05.2019
9	Link Rd Number 2	Ward No.27	TMC	YES	16.05.2019
10	Vanross Jacobs Junction Road	Ward No.27	TMC	YES	16.05.2019
11	Puneen Road	Ward No.81	TMC	YES	16.05.2019
12	Forest Office Lane	Ward No.81	TMC	YES	16.05.2019
13	Palayam Market Road	Ward No.27	TMC	YES	16.05.2019
14	Vanross Jacob Junction Road	Ward No.27	TMC	YES	16.05.2019
15	Palayam Nandavanam Panchapura Road	Ward No.27	TMC	YES	16.05.2019
16	Forest Office to Bakery Junction	Ward No.29	TMC	YES	16.05.2019
17	Forest Office to Bakery Junction	Ward No.29	TMC	YES	16.05.2019
18	New Theatre Road	Ward No.28	TMC	YES	16.05.2019
19	Forest Office to Bakery Junction	Ward No.27	TMC	YES	16.05.2019
20	Oottukuzhy Panavilla Road	Ward No.28	TMC	YES	16.05.2019
21	Gandhi Bhavan Road	Ward No.28	TMC	YES	16.05.2019
22	Aristo Junction Thampanoor Road	Ward No.28	TMC	YES	16.05.2019
23	Shanti Nagar Road	Ward No.81	TMC	YES	16.05.2019
24	Kattor Road	Ward No.28	TMC	YES	16.05.2019
25	Oottukuzhy Bakery Junction Road	Ward No.29	TMC	YES	16.05.2019
26	S & J Road	Ward No.29	TMC	YES	16.05.2019
27	Womens College Road	Ward No.29	TMC	YES	16.05.2019
28	Nandavanam Road	Ward No.29	TMC	YES	16.05.2019
29	Valiasala Street	Ward No.43	TMC	YES	16.05.2019
30	Chentita Street	Ward No.43	TMC	YES	16.05.2019
31	Chinnachalai Street	Ward No.43	TMC	YES	16.05.2019
32	Sree Chitra Road	Ward No.43	TMC	YES	16.05.2019
33	Mithranandapuram Lane	Ward No.80	TMC	YES	16.05.2019
34	Eanchakal West Fort Road	Ward No.80	TMC	YES	16.05.2019

35	Housing Board Thampanoor Road	Ward No.81	TMC	YES	16.05.2019
36	Thyvilla Road	Ward No.81	TMC	YES	16.05.2019
37	Santhi Nagar Road	Ward No.81	TMC	YES	16.05.2019
38	Statue Road	Ward No.81	TMC	YES	16.05.2019
39	Seceratariat East Residents Association Road	Ward No.81 and 29	TMC	YES	16.05.2019
40	Mele Road	Ward No.81	TMC	YES	16.05.2019
41	Sreemoolam Road	Ward No.81	TMC	YES	16.05.2019
42	Prashanti Nagar Road	Ward No.81	TMC	YES	16.05.2019
43	Mele Road	Ward No.81	TMC	YES	16.05.2019
44	Santhi Nagar Road	Ward No.81	TMC	YES	16.05.2019
45	Santhi Nagar Road	Ward No.81	TMC	YES	16.05.2019
46	Purna Lane	Ward No.81	TMC	YES	16.05.2019
47	Shanti Nagar Press Road	Ward No.81	TMC	YES	16.05.2019
48	Shanti Nagar Press Road	Ward No.81	TMC	YES	16.05.2019
49	SIDCO Back Road	Ward No.81	TMC	YES	16.05.2019
50	Joint Road SS Kovil Thampanoor Road	Ward No.81	TMC	YES	16.05.2019
51	Sunny Meads Lane	Ward No.27	TMC	YES	16.05.2019
52	Sunny Meads Lane	Ward No.27	TMC	YES	16.05.2019
53	Pulimoodu Residency	Ward No.81	TMC	YES	16.05.2019
54	Mathruboomi Road	Ward No.82	TMC	YES	16.05.2019
55	Tutors Lane, GPO Ln	Ward No.82	TMC	YES	16.05.2019
56	Uppalam Road	Ward No.82	TMC	YES	16.05.2019
57	Ex.Mayor R.Balakrishnan Road	Ward No.82	TMC	YES	16.05.2019
58	Ex Mayor R Balakrishnan Nair Road	Ward No.82	TMC	YES	16.05.2019
59	Chirakkulam Road	Ward No.82	TMC	YES	16.05.2019
60	District Employment Exchahnge Road	Ward No.82	TMC	YES	16.05.2019
61	Uppalam GPO Lane Road	Ward No.82	TMC	YES	16.05.2019
62	Chirakulam 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 (Chirakulam) 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 31<sup>st</sup> March 2020)

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 March 2020, 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/Organizations Consulted till March 2020.

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

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

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

Sn	Name	Designation	Department
160	Ragini	Temple Administrative Officer	Travancore Devaswom Board
161	Rajalakshmi	Ward Counsellor	TMC
162	Rajasree Ajith	Director	KITS
163	Rajendran B	Officer	KSRTC
164	Rajesh	Town Planner	CTP -Office
165	Rajesh	Senior Town Planner	Town Planning Department
166	Rajesh D	EE	TMC
167	Rajesh	Project Manager	Agency for Non-conventional Energy and Rural Technology
168	Rajesh	AEE	PWD-NH
169	Raji	Assistant Engineer	PWD-NH
170	Raji	Deputy Town Planner	CTPL (Pig)
171	Raju V Nair	Asst. Vice President	Thiruvananthapuram Road Development Company Limited
172	Ramachandran	AE	KSDFC
173	Ramakrishnan	Scientist	National Transportation Planning And Research Centre
174	Ramesh	Councillor, Chalai Road	Chalai market
175	Ramya	CMM	NULM
176	Rana KP		Department of Tourism
177	Ravi Chander	CE,IT	KSEB
178	Rejeevan	Deputy CE	LSGD
179	Reji	Director	Kerala State Archelogy Department
180	Remya	Project Coordinator	NULM
181	Ranjitha	Official	IKM
182	Retheesh	Stakeholder	Nizhalattom, Humans, Idom, Pallium
183	Rijulal	Health Inspector	Health Deptt.
184	Rishikesh	CEO	Techno Park CCC
185	Rosy	PA to Principal General Manager	Central Telephone Exchange
186	S S Sindhu	Chairperson	Welfare Standing Committee Chairperson
187	S. Abu	Superintendent	Natural History Museum
188	S. Prasad	EE	KSEB
189	S.Ebin Sam	Junior Scientist	National Transportation Planning And Research Centre
190	S.V.P Jithendriyan	Assistant Database Administrator	KWA
191	S Dilip Kumar	Regional Manager	Kerala State Warehousing Corporation
192	Sabarish	Head-e- Governance, KSITM	IT Mission
193	Sagi Somlar	(AE)	Kerala Water Authority
194	Sajan	Team Leader	SMMU – AMRUT
195	Sajitha	Asst. Engineer	Public Work Department- Road Sub Division
196	Saju R	Assistant Engineer	KSEB
197	Saju. S	Engineer	Major Irrigation
198	Sambasiva Rao -IAS	IT Mission Director	IT Mission
199	Sangeeth R	Executive Engineer	Dewasom Board
200	Sanil Kumar	Executive Engineer	Swadesh Darshan
201	Sankara Narayanan	D.E.	BSNL
202	Santhosh	Managing Director	PRATHEEKSHA BUS SHELTERS KERALA LIMITED
203	Santhosh	Head	Kerala Fiber Optic Network (K-FON)
204	Santhosh	Senior Town Planner	AMRUT
205	Santhosh Kumar R.V.	EE	KWA
206	Santhosh Kumar Soman	Senior Consultant	GOI IT Data Centre
207	Santosh	AGM	BSNL

Sn	Name	Designation	Department
208	Sarah Alexander	Architect	Habitat
209	Sateesh	Planning Officer	Department of Tourism
210	Satheesh Kumar	Executive Engineer	KWA
211	Savitha K.S	Deputy Director	KSERC
212	Sayed	Technical Officer	NATPAC
213	Shaheem	Director-in-Charge	NATPAC
214	Shajahan	Technical Assistant	KWA
215	Shali	Deputy Superintending Engineer	PWD - Roads and Bridges Division
216	Shanda	JTO	BSNL
217	Shekhar	Member Secretary	State Emergency Operations Centre (SEOC)
218	Shiji	Secretary	TRIDA
219	Shivasuthani Pillai	ACP	Kerala Police Control Room
220	Shreejith		Clean Kerala Company Limited
221	Shyam	IT Head	TMC
222	Shyamala	Advertisement Revenue Officer	TMC
223	Sindhu	Sub Engineer-Cantonment	KSEB
224	Sini	First Grade Overseer	TMC
225	SKP Ramesh	Ward Councillor-Chalai	TMC
226	Soma Shekharan	Principal	University College
227	Sooraj Sukumar	EE	Surveyor Division
228	Sreedevi	Engineer	Life Mission
229	Sreejith	Urban Planner	TMC
230	Sreeletha Sukumaran	Joint Secretary	Finance Department
231	Sreekumar S	MVJ	RTO
232	Sreekumar	Chief Engineer	KWA
233	Sri. Aadhithya R IPS	Deputy Commissioner of Police, Law & Order, Traffic	Kerala Police
234	Subail B S	Assistant Mission Coordinator	KSITM
235	Sujith S	Liasion Officer	Kerala State Warehousing Corporation
236	Sunder	CPM Local Secretary	Chalai
237	Suraj	Technical Assistant (S - Div)	Kerala Water Authority (KWA)
238	Suresh	Lab in Charge	CET
239	Suresh	Ward Councillor-East Fort	TMC
240	Suresh Babu	Project Manager	Kerala State Coastal Area Development Corporation Ltd (KSCADC)
241	Suresh Chandran	SE	KWA
242	Suresh Kumar	ACP	Traffic Police Control Room
243	Suresh Kumar	In-Charge (Mosquito Project)	Health Department
244	Suresh Kumar	General Manager	Kerala State Coastal Area Development Corporation Ltd (KSCADC)
245	Susan	Deputy Chief Engineer	KSEBL South Division
246	T.K. Jose	Additional Chief Secretary	LSGD
247	Teena Bhaskar		Department of Tourism
248	Thankappan	Chief Engineer	Environmental Sensor (PAN City Project)
249	Thomas Isaac N	Board Secretary	KWA

Sn	Name	Designation	Department
250	Unni	EE	TMC-Major Irrigation
251	Unnikrishnan	AE	TMC
252	Unnikrishnan Nair	Superintending Engineer	PWD - Roads and Bridges Division
253	V Gopalakrishna Pillai	GM	KRFB
254	V Ratheeshan IAS	Executive Officer and Member Secretary	Sree Padmanabhaswamy Temple
255	V V Thomas	SE	PWD
256	V.K Joseph	Chief Engineer	KSEBL
257	Vasa T.	AEE	KSEB
258	Venugopal	Junior Engineer	District Employment Exchange
259	Venugopal	DGM	KSRTC
260	Vidya	Overseer	TMC
261	Vijay Kumar	DE, SDF, Electrical	DRM Office
262	Vijaya Lakshmi	Principal (HoD)	Government College for Women
263	Vijayalekshmi	Thampanoor Ward Councillor	Thampanoor Ward Councillor
264	Vimal K V	Assistant Engineer Contonement Section	KSEB
265	Vineeth V S	Field Engineer	KRFB
266	Vinod	Junior Health Inspector	Thiruvananthapuram Municipal Corporation
267	Vipin	AE, South Section	KWA- Palayam Division- Sub Division Chalai
268	Vishnu	Head Master	Thampanoor U.P. School
269	Vishnu	AEE (Operation)	Kerala Water Authority (KWA)
270		Director	TRIDA
271		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 Minister, Hon'ble Mayor, MLA, CEO (SCTL), DIG (Police), TMC, KWA, KSEB, NATPAC, TRIDA, Thiruvananthapuram Municipal Corporation and other key stakeholders for inputs and support in implementing smart city projects in Thiruvananthapuram.

Table 13: Stakeholder Consultations by PMC team in the month of March 2020

SN	Date	Stakeholder/ Designation	Name of Contact	Project / Key Agenda	PMC Team Member
1	02 March 2020	SCTL-CEO	Shri P Balakiran	ATCS-TSCCC	Abhishek, Kunal, Abraham
2	03 March 2020	SCTL-CEO	Shri P Balakiran	ATCS-TSCCC	Abhishek, Kunal
3	05 March 2020	TMC-Mayor, Dy Mayor, SCTL-CEO	Shri K Sreekumar, Adv Rakhi Ravikumar, Shri P Blakiran	Upgradation of Existing Public Toilets	PMC Team Members
4	06 March 2020	TMC - Advertisement Revenue Officer	Shyamala	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities	Shilpa, Nilanjan Mithra
5	06 March 2020	SCTL-SDO	Premlal	Vending Zones	Satheesh, Pournami
6	06 March 2020	NUML-Manager	Remya	Vending Zones	Satheesh, Pournami
7	07 March 2020	IKM-Officials	Ms. Renjitha, Mr. Jiju Krishnan	IT Projects	Abhishek, Kunal
8	07 March 2020	SCTL-CEO	Shri P Balakiran	ATCS-TSCCC	Abhishek, Kunal
9	07 March 2020	SCTL-CFO	Raghu	General	Nilanjan Mitra
10	10 March 2020	AS Sub Committee	AS Sub Committee members	Underground Ducting of Utilities	Jamal, Sindhu, Sabin, Nithin, Anooj

SN	Date	Stakeholder/ Designation	Name of Contact	Project / Key Agenda	PMC Team Member
11	10 March 2020	TMC-SE, CE, Overseer	Mohammed Sharif, Rajesh, Mary, Vidhya	Internal Command Control Center	Esakiappan
12	10 March 2020	TMC	Mohammed Sharif, Rajesh, Mary, Vidhya	Internal Command Control Center	Esakiappan, Shameena
13	12 March 2020	KRFB-CEO	Jeevaraj	ATCS	Sindhu
14	12 March 2020	LSGD - Minister, TMC-Mayor, SCTL-CEO	Shri A C Moideen, Shri K Sreekumar, Shri P Balakiran	Progress Review Meeting	PMC Team Members
15	17 March 2020	SCTL-GM(Operations)	Dr Sanoop Gopikrishna	Palayam A block MLCP	PMC Team Members
16	18 March 2020	LSGD - Minister	Shri A C Moideen	Underground Ducting of Utilities	Sindhu, Sabin, Pournami

## 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 March 2020.

Table 14: Project Site Visits by PMC team in the month of March 2020

S. N	Date	PMC Team	Site visit locations	Project Name
1	02-03-2020	Remi Krishna	Anaganwadi Locations	Upgradation of Anganwadis and PHCs
2	03-03-2020	Remi Krishna	Rajaji Nagar	Upgradation of Anganwadis and PHCs
3	03-03-2020	Krishna Kurup, Remi Krishna	Putharikandom	Upgradation of Existing Public Toilet
4	03-03-2020	Vishnu	Thampanoor	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
5	03-03-2020	Vishnu, Kiran, Kartika	Killipalam	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
6	04-03-2020	Krishna Kurup	Putharikandom	Upgradation of Existing Public Toilet
7	04-03-2020	Jamal, Shameena, Vineeth, Vishnu, Krishna Kurup, <b>Anthony TM, Dr Sanoop Gopikrishna</b>	TMC	Integrated Command Control Center
8	04-03-2020	Shameena, Vishnu, Krishna Kurup, <b>Anthony TM, Dr Sanoop Gopikrishna</b>	Putharikandom	Upgradation of Existing Public Toilet
9	05-03-2020	Shameena, Vishnu, Krishna Kurup, Kiran, Esakiappan, Vineeth, Remi Krishna	Putharikandom	Upgradation of Existing Public Toilet
10	05-03-2020	Remi Krishna, Kiran, Vishnu, Jamal, Vineeth, Shameena, Krishna Kurup	Killipalam	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
11	05-03-2020	Remi Krishna, Kiran, Vishnu, Jamal, Vineeth, Shameena, Krishna Kurup	Thampanoor	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
12	05-03-2020	Remi Krishna, Kiran, Vishnu, Jamal, Vineeth, Shameena, Krishna Kurup	Anganwadi Locations	Upgradation of Anganwadis and PHCs
13	05-03-2020	Remi Krishna, Kiran, Vishnu, Jamal, Vineeth, Shameena, Krishna Kurup	New Theatre	Redevelopment of Public Toilets

S. N	Date	PMC Team	Site visit locations	Project Name
14	05-03-2020	Kabeer	Legislative Assembly	Sustainable Campuses (Solar Rooftop)
15	05-03-2020	Esakiappan, Joseph	East Fort	Integrated Transit Node (East Fort)
16	06-03-2020	Vishnu, Krishna Kurup	Bus Shelter Locations	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
17	06-03-2020	Vishnu, Krishna Kurup	Anganwadi Locations	Upgradation of Anganwadis and PHCs
18	06-03-2020	Remi Krishna	Rajaji Nagar	Upgradation of Anganwadis and PHCs
19	06-03-2020	Sabin, <b>Anthony TM, Jerry Jose</b>	Bus Shelter Locations	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
20	06-03-2020	Kiran	Killipalam	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
21	06-03-2020	Krishna Kurup,Vishnu, Jamal, <b>Anthony TM</b>	Thampanoor	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
22	07-03-2020	Vishnu	Thampanoor	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
23	07-03-2020	Vishnu	Killipalam	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
24	11-03-2020	Vishnu	Killipalam, Thampanoor	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
25	11-03-2020	Vishnu	New Theatre	Redevelopment of Public Toilets
26	11-03-2020	Pournami	East Fort	Integrated Transit Node (East Fort)
27	13-03-2020	Remi Krishna,Vishnu,Anooj,Shameena , <b>Sam Panicker, Anthony TM, Gayathri Gopinath</b>	Anganwadi Locations	Upgradation of Anganwadis and PHCs
28	13-03-2020	Krishna Kurup	New Theatre	Redevelopment of Public Toilets
29	13-03-2020	Krishna Kurup,Vishnu, <b>Anthony TM</b>	New Theatre	Redevelopment of Public Toilets
30	13-03-2020	Krishna Kurup	New Theatre	Redevelopment of Public Toilets
31	13-03-2020	Abraham, Kartika, <b>Anthony TM</b>	TMC	Integrated Command Control Center (ICCC)
32	16-03-2020	Shameena,Vishnu, <b>Gayathri Gopinathan, Anthony TM</b>	Model School	Drinking Water Fountain
33	16-03-2020	Shameena,Vishnu, <b>Gayathri Gopinathan, Anthony TM</b>	TMC	Drinking Water Fountain
34	16-03-2020	Remi Krishna	Anganwadi Locations	Upgradation of Anganwadis and PHCs
35	16-03-2020	Shameena,Vishnu, <b>Gayathri Gopinathan, Anthony TM</b>	Putharikandom	Drinking Water Fountain
36	16-03-2020	Shameena,Vishnu, <b>Gayathri Gopinathan, Anthony TM</b>	Gandhi Park	Drinking Water Fountain
37	16-03-2020	Shameena,Vishnu, <b>Gayathri Gopinathan, Anthony TM</b>	Manaveeyam Veedhi	Drinking Water Fountain
38	17-03-2020	Vishnu	Killipalam	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
39	17-03-2020	Krishna Kurup	Putharikandom	Upgradation of Existing Public Toilet
40	17-03-2020	Abraham, Kartika, <b>Jerry Jose</b>	TMC	Integrated Command Control Center (ICCC)
41	17-03-2020	Vishnu	New Theatre	Redevelopment of Public Toilets
42	18-03-2020	Vishnu	Killipalam	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
43	18-03-2020	Vishnu	New Theatre	Redevelopment of Public Toilets
44	19-03-2020	Vishnu	Killipalam	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
45	19-03-2020	Vishnu	Thampanoor	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
46	19-03-2020	Remi Krishna	Rajaji Nagar	Upgradation of Anganwadis and PHCs
47	19-03-2020	Remi Krishna	Rajaji Nagar	Drinking Water Fountain
48	19-03-2020	Vishnu, <b>Gayathri Gopinath</b>	Putharikandom	Drinking Water Fountain
49	19-03-2020	Vishnu,Sabin	Water Kiosk Locations	Drinking Water Fountain

S. N	Date	PMC Team	Site visit locations	Project Name
50	20-03-2020	Vishnu	Killipalam	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
51	20-03-2020	Vishnu	Thampanoor	Redevelopment of Bus Shelters with Wi-Fi Hotspot Facilities
52	20-03-2020	Remi Krishna	Rajaji Nagar	Upgradation of Anganwadis and PHCs
53	20-03-2020	Vishnu	Putharikandom	Drinking Water Fountain

*Colours denote Joint Site visit*

Picture 4: Few glimpses of our project site visits in the month of March 2020





In addition to site visits, topographic surveys, Social surveys for specific projects are being conducted. Details of surveys conducted in the month of March 2020 are indicated in below table.

Table 15: Brief list of Surveys done in the month of March 2020

S.N	Project Name	Stretch Name / Location	Survey Date	Description of Survey
1	East Fort Subway	Chalai market, Pazhavangadi, central theater road (which goes to railway back side gate),	02.03.2020 to 21.03.2020	Social Survey Study

## 10 DATA/REPORT 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 March 2020 from stakeholders and others:

Table 16: Data/Report Collection by PMC team in the month of March 2020

S.N	Date	Stakeholders/Designation	Project	Data Collected list
1	07 March 2020	SCTL	MLCPs cum Commercial Complexes	Park Layer Brochure

## 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 31<sup>st</sup> March 2020

S No	Type	Designation	Team Member	Mobilization Date
1	Key Professional / Input Based	Team Leader	Harshad Dhande	13-Jun-18
			Jamal Abdul R	11-Sep-18
2	Key Professional / Input Based	Dy Team Leader	Gopesh Shrivastava	25-Jul-18
			Anil Kumar Sharma	02-Jul-19
3	Key Professional / Input Based	Infrastructure Specialist	VA Ruthramurthy	20-Jul-18
			P. Sreekumaran Nair	23-Jan-19
4	Key Professional / Input Based	Procurement/Legal Expert	Amitava Basu Sarkar	21-Jul-18
			Rajeev Sharma	16-Jan-19
5	Key Professional / Input Based	Transport Planner	Arun Savi	13-Jun-18
			Ravi Nandawan	25-Feb-19
6	Key Professional / Input Based	Urban Designer	Pallabi Gupta Roy	25-Feb-19
7	Key Professional / Input Based	e-Governance/-ICT Specialist	Alok Sharma	13-Aug-18
			Diwakar Singh	03-Jan-19
			Alok Kumar	25-Feb-19
8	Key Professional / Input Based	Energy Management Specialist	Ahmed Kabeer	13-Jun-18
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
			Abhishek R Sharma	01-Jan-20

S No	Type	Designation	Team Member	Mobilization Date
22	Other Staff / Input Based	Urban Planner (Project Manager)	Imran Basha	22-May-18
		Urban Planner	Pournami Narayanan	20-Dec-19
23	Other Staff / Input Based	Associate Engineer	Shilpa PV	13-Aug-18
24	Other Staff / Input Based	Surveyor	Joseph George	01-Aug-18
25	Design and Development	Urban Planner	Suneel Kumar	23-Jun-18
			Kiranchand Vayyatt	21-Jan-19
26	Design and Development	ICT System/Solutions Architect	K.V. Reddy	24-Sep-18
			Abhishek Sharma	15-Jul-19
27	Design and Development	Solid Waste Management Expert	Dr. Bharat Bhushan	20-Jun-18
28	Design and Development	Transportation Planner / Engineer	Jaffer Sharieff	28-Jun-18
29	Design and Development	Transaction Advisor for PPP	Rajeev Sharma	23-Sep-18
30	Design and Development	GIS & Remote Sensing Expert	Sandeep Lama	23-Jun-18
31	Design and Development	Heritage Conservation Expert	Nilan Cooray	21-Nov-18
32	Design and Development	Utility Engineer	Shameena A	02-Jul-18
33	Design and Development	Application Analyst	Pradeep Singh Uppal	30-Apr-19
34	Design and Development	Urban Planner	Sushmita R	22-Oct-18
			Pournami Narayanan	04-Nov-19
35	Design and Development	Associate Engineer	Vishnugopal	05-Mar-19
36	Design and Development	Surveyors	Salija Mol	29-Sep-18
37	Additional Resources	Project Associate	Jasmine Kaur	22-May-18
			Praseeda M	22-Oct-18
38	Additional Resources	Associate Architect	Asish De	25-May-18
			Vineeth Gopinathan	15-May-19
39	Additional Resources	Office Manager	Renjith	05-Jun-18
			Raj Narayanan	01-Aug-18
40	Additional Resources	MIS Specialist	Pratip Ghosh	06-Jul-18
41	Additional Resources	Associate Architect	Malavika A R	20-Jul-18
			Manisha Reddy	01-Mar-19
42	Additional Resources	Draftsman	Anitha	29-Aug-18
43	Additional Resources	Architect/Urban Designer	Abraham	27-Sep-18
44	Additional Resources	Associate	Meenakshi R	01-Dec-18
45	Additional Resources	Draughtsman	Sreekumar A	03-Dec-18
46	Additional Resources	Urban Designer	Sudeshna Sarkar	10-Dec-18
47	Additional Resources	Structural Draftsman	Rakesh S B	05-Feb-19
48	Additional Resources	Support Engineer	Nithin Murli	25-Mar-19
49	Additional Resources	Architect	Midhun	06-Jun-19
50	Additional Resources	Architect	Benjoy C Joy	10-Jun-19
51	Additional Resources	Architect	Dona Ann John	12-Jun-19
52	Additional Resources	Architect	Monisha Vallivila K	15-Jun-19
53	Additional Resources	Site Engineer	A Krishna Kurup	19-Jun-19
54	Additional Resources	Site Engineer	Remi Krishna S L	19-Jun-19
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 (April 2020), duly signed

*Table 18: Proposed Mobilization Schedule- April 2020*

\* National Lockdown due to Corona Virus COVID 19

### Glimpses of Inauguration

#### Upgradation of Existing Public Toilets (Sulabh Toilet - Putharikandam Maidhanam) – 05.03.2020



