



(May 2020)

MONTHLY PROGRESS REPORT



Thiruvananthapuram Smart City



Submitted By



Expanding Horizons. Enriching Lives.

(LEAD MEMBER)



(ASSOCIATE MEMBER)

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

Making Development a Ground Reality
Integrity Innovation Passion Perseverance Learning

DISCLAIMER

This report (including any enclosures and attachments) has been prepared by IPE Global Limited (IPE Global) for the exclusive use by Smart City Thiruvananthapuram Limited and solely for the purpose for which it is provided. IPE Global does not accept any liability if this report is used for an alternative purpose from which it is intended, nor to any third party in respect of this report.

IPE Global has used reasonable skill and care in checking the authenticity, accuracy and completeness of information obtained from the public domain or from external sources in the report. IPE Global assumes no responsibility for such information.

IPE Global does not accept responsibility for any legal, commercial or other consequences that may arise directly or indirectly as a result of the use of third-party information or information sourced from public domain in this report or used for an alternative purpose from which it is provided.

Table of Contents

1 PROJECT INTRODUCTION AND BACKGROUND 4

2 STATUS OF PROJECTS 5

 2.1 Thiruvananthapuram Smart City Projects and Sources of Funds:..... 5

 2.2 Thiruvananthapuram Smart City Project progress:..... 6

 2.3 Project Tenders Floated 8

 2.4 Notice (Expression of Interest) Floated 11

3 PROJECT IMPLEMENTATION PROGRESS: 12

4 DELIVERABLES BY PMC (in the month of May 2020): 18

 4.1 Key Projects/Progress/Review Presentations: 20

5 LETTERS SUBMITTED: 23

6 STATUS OF PROJECT NOCs RECEIVED AND PENDING: 25

7 DEPARTMENTS/ORGANISATIONS CONSULTED 37

8 STAKEHOLDER CONSULTATION BY PMC TEAM..... 42

9 PROJECT SITE VISITS BY PMC TEAM 43

10 DATA/REPORTS COLLECTED: 47

11 TEAM MOBILISATION: 47

ANNEXURE 50

List of Tables:

Table 1: SCP Estimated costs and sources of fund for Smart City Projects 5

Table 2: Thiruvananthapuram Smart City Project brief progress (as on 31ST May 2020) 7

Table 3 Project Wise Current Status and DPR cost 8

Table 4: Details of tendered projects till 31ST May 2020 8

Table 5: Details of Expression of Interest Floated till 31ST May 2020 11

Table 6: Details of Implementation of Tendered Projects as on 31ST May 2020 12

Table 7: Deliverables by PMC in the month of May 2020 18

Table 8: List of presentations in the month of May 2020. 20

Table 9: Details of letters submitted by PMC in the month of May 2020..... 23

Table 10: Status of project NoCs for ABD Projects (as on 31ST May 2020)..... 25

Table 11: Status of NoCs for Smart Roads in ABD area (as on 31ST May 2020)..... 31

Table 12: Key Contacts of Departments/Organisations Consulted till May 2020..... 37

Table 13: Stakeholder Consultations by PMC team in the month of May 2020 42

Table 14: Project Site Visits by PMC team in the month of May 2020..... 43

Table 15: Brief list of Surveys done in the month of May 2020. 47

Table 16: Data/Reports Collection by PMC team in the month of May 2020..... 47

Table 17: Team Mobilisation till 31ST May 2020..... 47

Table 18: Proposed Mobilization Schedule- June 2020..... 49

List of Figures:

Figure 1: Few glimpses of ongoing project execution works in the month of May 2020 14
Figure 2 Site Execution Monitoring by PMC and joint inspection with SCTL team 15

List of Pictures:

Picture 1: Thiruvananthapuram Smart City ABD & PAN City area and details..... 4
Picture 2: Details of deliverables submitted by PMC. 5
Picture 3: Few glimpses from Project Meetings (in the month of May 2020) 21
Picture 4: Few glimpses of our project site visits in the month of May 2020. 44

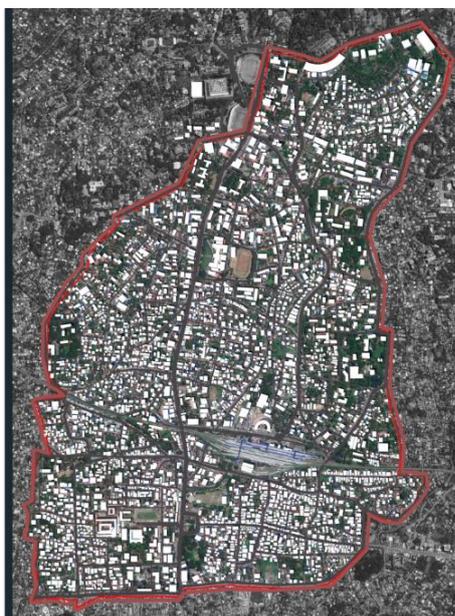
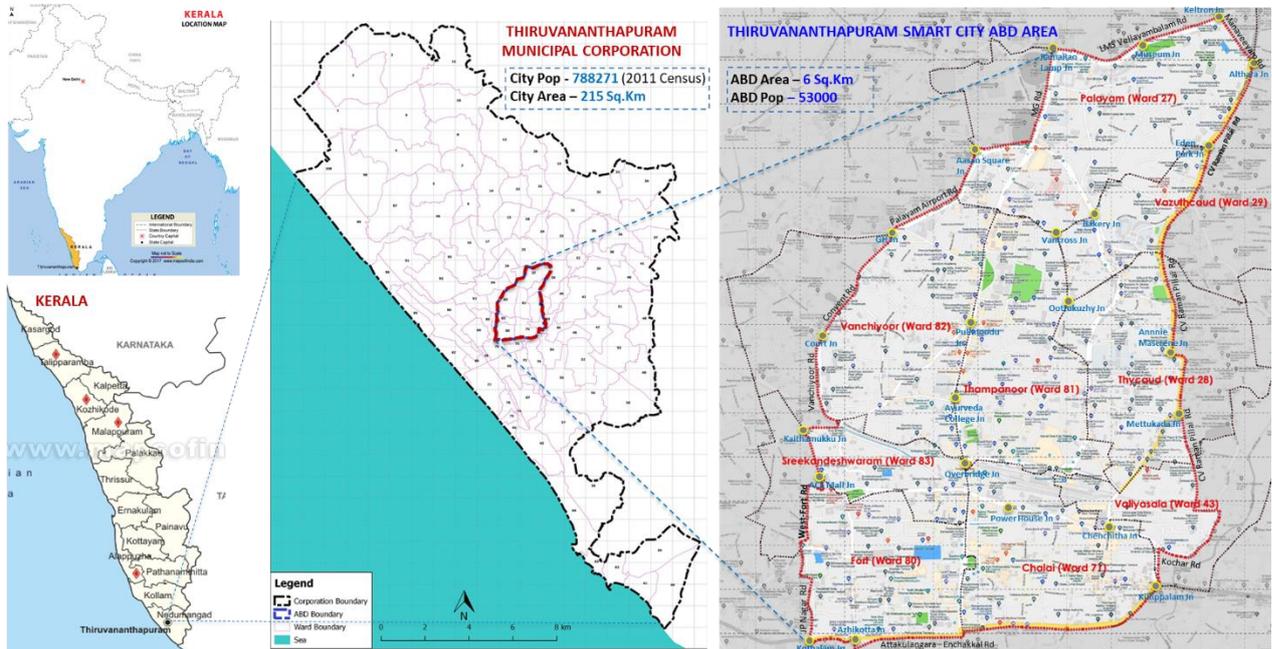
1 PROJECT INTRODUCTION AND BACKGROUND

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

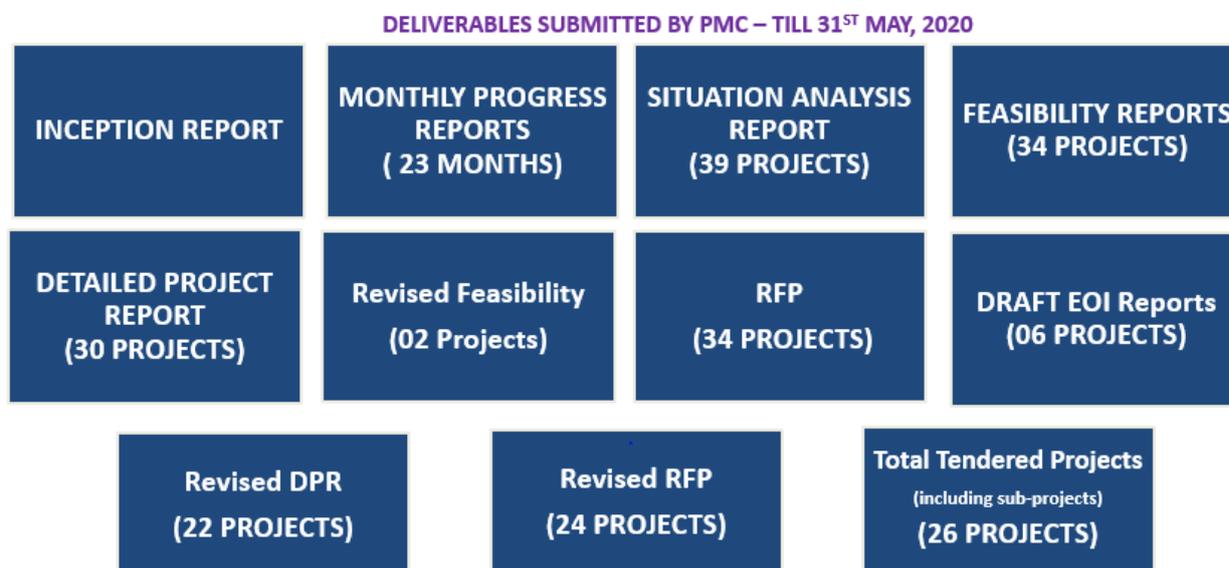


SCP MODULES	PROJECTS & COST	PROPOSED STRATEGIES
Urban Basic Services	15 Projects: Rs. 771.5 Cr	<ul style="list-style-type: none"> Improving Basic Services
Land-Use Efficiency	5 Projects: Rs. 238 Cr	<ul style="list-style-type: none"> Re-Densification with Creative Land-Use
Cultural Identity & Heritage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

2 STATUS OF PROJECTS

In the month of May 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, March 2020, April 2020 other key activities like submission of situation analysis reports, feasibility reports, DPRs, EoIs, RFPs etc. in the month of May 2020.

Picture 2: Details of deliverables submitted by PMC.



2.1 Thiruvananthapuram Smart City Projects and Sources of Funds:

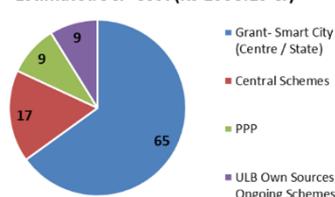
Details of Thiruvananthapuram SCP Smart City Projects, estimated sources of funds are indicated below:

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

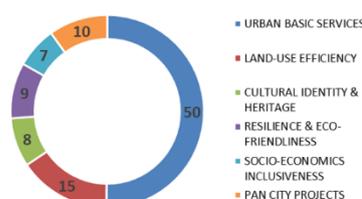
THIRUVANANTHAPURAM SMART CITY – SCP MODULES & ESTIMATED COSTS

Project Details			Sources of Funds			
Particulars	No of SCP Projects	Estimated Cost (Rs. In Crs)	Grant- Smart City (Centre / State)	Central Schemes	PPP	ULB Own Sources, Ongoing Schemes
AREA BASED DEVELOPMENT						
A URBAN BASIC SERVICES						
MODULE SUB TOTAL	15	771.51	626.63	96.92	12.99	34.97
B LAND-USE EFFICIENCY						
MODULE SUB TOTAL	5	238.00	156.53	0.00	80.25	1.21
C CULTURAL IDENTITY & HERITAGE						
MODULE SUB TOTAL	9	126.48	39.31	80.36	2.81	4.00
D RESILIENCE & ECO-FRIENDLINESS						
MODULE SUB TOTAL	3	143.68	9.85	22.87	46.36	64.60
E SOCIO-ECONOMICS INCLUSIVENESS						
MODULE SUB TOTAL	3	106.44	39.31	47.95	0.00	19.17
ABD MODULES SUB TOTAL	35	1386.12	871.64	248.10	142.42	123.96
PAN CITY PROJECTS						
PAN CITY MODULE SUB TOTAL	8	152.08	128.37	11.98	-	11.71
SCP TOTAL	43	1538.19	1000.00	260.10	142.40	135.70

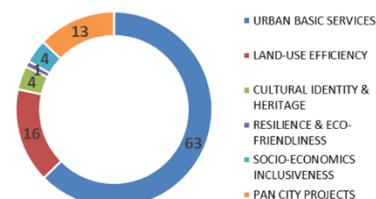
%age Share of Sources of Fund in Estimated SCP Cost (Rs 1538.19 Cr)



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



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



2.2 Thiruvananthapuram Smart City Project progress:

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

List of deliverables like SARs, FRs, DPRs, RFPs, Eols and MPRs submitted by PMC till 31st May 2020 are indicated in following table:

SITUATION ANALYSIS REPORT DELIVERABLES 39 PROJECTS, 22 REPORTS	FEASIBILITY REPORTS DELIVERABLES 34 PROJECTS, 33 REPORTS	DETAILED PROJECT REPORTS DELIVERABLES 30 PROJECTS, 48 REPORTS	DETAILED PROJECT REPORTS DELIVERABLES 30 PROJECTS, 48 REPORTS	REQUEST FOR PROPOSAL (RFP) DELIVERABLES 34 PROJECTS, 26 REPORTS
1. Redesign of Bus Stops with WiFi Hotspot Facilities	1. Redesign of Bus Stops with WiFi Hotspot Facilities (Ph II)	1. Redesign of Bus Stops with WiFi Hotspot Facilities (Ph II)	27. Heritage Trails & Walks - (ICT Components)	1. Smart Road - PHASE I
2. Decentralised Solid Waste Management	2. Decentralised Solid Waste Management	2. Decentralised Solid Waste Management	28. MLCPS cum Commercial Complexes - Thampanoor (ICT Components)	2. Storm Water Drains
3. Upgradation of Existing Public Toilets	3. Upgradation of Existing Public Toilets	3. Upgradation of Existing Public Toilets	29. Interactive Information Kiosks & Display boards (IT Components)	3. Underground Ducting of Utilities
4. Drinking Water Fountains	4. Drinking Water Fountains	4. Drinking Water Fountains	30. Smart Road - PHASE - III	4. *W.T. Cycle Tracks, Footpaths railings etc.
5. MLCPS cum Commercial Complexes - Thampanoor	5. MLCPS cum Commercial Complexes - Thampanoor	5. MLCPS cum Commercial Complexes - Thampanoor	31. Redevelopment of Palayam Market	5. Installation of Solar panels on roof tops on Govt. Institutions
6. Last Mile Connectivity - E-Autos	6. Last Mile Connectivity - E-Autos	6. Last Mile Connectivity - E-Autos	32. Heritage Conservation - Tanks Puthenchantha	6. Traffic & Transportation - (Intelligent Transport, variable message sign & Smart Parking)
7. Last Mile Connectivity - Public Bicycle Sharing	7. Last Mile Connectivity - Public Bicycle Sharing	7. Last Mile Connectivity - Public Bicycle Sharing	33. Redevelopment of Palayam Market	7. Safety & Security - (CCTV Camera Surveillance System & Street Lighting with Control System)
8. Interactive Information Kiosks & Display boards	8. Interactive Information Kiosks & Display boards	8. Interactive Information Kiosks & Display boards	34. Heritage Conservation - Tanks Sreekrishna	8. Adaptive Traffic Control System (ATCS)
9. Cultural Streets - (Manveevam Veedhi)	9. Cultural Streets - (Manveevam Veedhi)	9. Cultural Streets - (Manveevam Veedhi)	35. Last Mile Connectivity - E-Autos/E-Rickshaws in Smart City	9. E-Rickshaw
10. Linked Green Activity Zones- Parks and Open Spaces	10. Linked Green Activity Zones- Parks and Open Spaces	10. Linked Green Activity Zones- Parks and Open Spaces	36. Smart Road - PHASE - IV	10. *In an area green Veedhi
11. Sustainable Campuses - (Solar Rooftop)	11. Sustainable Campuses - (Solar Rooftop)	11. Sustainable Campuses - (Solar Rooftop)	37. Integrated City Management Control Center (ICMCC)	11. E-Auto
12. Integrated Social Housing Complex - Slum HHS	12. Integrated Social Housing Complex - Slum HHS	12. Integrated Social Housing Complex - Slum HHS	38. SWM Data Centre	12. *E-Auto
13. DAT at Puthariandam Maidanam	13. DAT at Puthariandam Maidanam	13. DAT at Puthariandam Maidanam	39. Unified e-GOVERNANCE PORTAL	13. *E-Auto
14. Sustainable Campuses - (Rainwater Harvesting)	14. Sustainable Campuses - (Rainwater Harvesting)	14. Sustainable Campuses - (Rainwater Harvesting)	40. Redevelopment of Palayam Market (Addendum Report)	14. *E-Auto
15. Upgradation of Anganwadis	15. Upgradation of Anganwadis	15. Upgradation of Anganwadis	41. Sustainable Campuses - (Rainwater Harvesting)	15. *E-Auto
16. Heritage Trails & Walks	16. Heritage Trails & Walks	16. Heritage Trails & Walks	42. Vending zones	16. *E-Auto
17. Charithra Veedhi	17. Charithra Veedhi	17. Charithra Veedhi	43. Upgradation of Public Health Centres (PHCs)	17. *E-Auto
18. Smart Road	18. Smart Road	18. Smart Road	44. Redesign of Bus Stops with WiFi Hotspot Facilities (PH II) Along (KFB Road)	18. *E-Auto
19. *Road and Junction Improvement	19. *Road and Junction Improvement	19. *Road and Junction Improvement	45. Smart Road - PHASE - II	19. *E-Auto
20. *Storm Water Drains	20. *Storm Water Drains	20. *Storm Water Drains	46. MLCPS cum Commercial Complexes (Palayam)	20. *E-Auto
21. *Underground Ducting of Utilities	21. *Underground Ducting of Utilities	21. *Underground Ducting of Utilities	47. Smart Water Network	21. *E-Auto
22. *Way Finding Signage and Markers	22. *Way Finding Signage and Markers	22. *Way Finding Signage and Markers	48. Integrated Social Housing Complex - Slum HHS	22. *E-Auto
23. *WMT - Cycle Tracks, Footpaths railings etc.	23. *WMT - Cycle Tracks, Footpaths railings etc.	23. *WMT - Cycle Tracks, Footpaths railings etc.	49. Smart Road - PHASE - V	23. *E-Auto
24. *On Street Parking lots	24. *On Street Parking lots	24. *On Street Parking lots	50. Integrated Transit node (East Fort Bus Stand)	24. *E-Auto
25. Redevelopment of Palayam Market	25. Redevelopment of Palayam Market	25. Redevelopment of Palayam Market	51. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	25. *E-Auto
26. Smart Water Network	26. Smart Water Network	26. Smart Water Network	52. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	26. *E-Auto
27. Traffic & Transportation -ITMS	27. Traffic & Transportation -ITMS	27. Traffic & Transportation -ITMS	53. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	27. *E-Auto
28. Smart Mosquito Density System	28. Smart Mosquito Density System	28. Smart Mosquito Density System	54. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	28. *E-Auto
29. SWM Data Centre	29. SWM Data Centre	29. SWM Data Centre	55. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	29. *E-Auto
30. Safety & Security - Surveillance	30. Safety & Security - Surveillance	30. Safety & Security - Surveillance	56. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	30. *E-Auto
31. Unified e-Governance Portal	31. Unified e-Governance Portal	31. Unified e-Governance Portal	57. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	31. *E-Auto
32. Disaster Management	32. Disaster Management	32. Disaster Management	58. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	32. *E-Auto
33. Centralised Command Control Centre (Civil) *	33. Centralised Command Control Centre (Civil) *	33. Centralised Command Control Centre (Civil) *	59. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	33. *E-Auto
34. On-street Parking lots	34. On-street Parking lots	34. On-street Parking lots	60. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	34. *E-Auto
35. Heritage Conservation - Tanks	35. Heritage Conservation - Tanks	35. Heritage Conservation - Tanks	61. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	35. *E-Auto
36. Heritage Conservation - (East Fort Bus Stand)	36. Heritage Conservation - (East Fort Bus Stand)	36. Heritage Conservation - (East Fort Bus Stand)	62. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	36. *E-Auto
37. Non Vehicular Zone	37. Non Vehicular Zone	37. Non Vehicular Zone	63. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	37. *E-Auto
38. Vending zones	38. Vending zones	38. Vending zones	64. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	38. *E-Auto
39. Thampanoor Railway Commercial Complex	39. Thampanoor Railway Commercial Complex	39. Thampanoor Railway Commercial Complex	65. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	39. *E-Auto
40. Upgradation of Public Health Centres	40. Upgradation of Public Health Centres	40. Upgradation of Public Health Centres	66. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	40. *E-Auto
41. Heritage settlements (Aghazams)	41. Heritage settlements (Aghazams)	41. Heritage settlements (Aghazams)	67. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	41. *E-Auto
42. Renovation of Shri Anantha Padmanabhaswami Temple Precinct	42. Renovation of Shri Anantha Padmanabhaswami Temple Precinct	42. Renovation of Shri Anantha Padmanabhaswami Temple Precinct	68. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	42. *E-Auto
43. Facilities, Renovation of structures, connectivity, signage, walkways)	43. Facilities, Renovation of structures, connectivity, signage, walkways)	43. Facilities, Renovation of structures, connectivity, signage, walkways)	69. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	43. *E-Auto
44. Aartha - Phase I (Disaster Management)	44. Aartha - Phase I (Disaster Management)	44. Aartha - Phase I (Disaster Management)	70. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	44. *E-Auto
45. Chalai warehouse with commercial complex	45. Chalai warehouse with commercial complex	45. Chalai warehouse with commercial complex	71. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	45. *E-Auto
46. Adaptive Traffic Control System (ATCS)	46. Adaptive Traffic Control System (ATCS)	46. Adaptive Traffic Control System (ATCS)	72. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	46. *E-Auto
47. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	47. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	47. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	73. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	47. *E-Auto
48. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	48. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	48. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	74. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	48. *E-Auto
49. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	49. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	49. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	75. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	49. *E-Auto
50. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	50. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	50. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	76. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	50. *E-Auto
51. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	51. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	51. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	77. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	51. *E-Auto
52. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	52. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	52. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	78. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	52. *E-Auto
53. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	53. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	53. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	79. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	53. *E-Auto
54. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	54. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	54. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	80. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	54. *E-Auto
55. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	55. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	55. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	81. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	55. *E-Auto
56. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	56. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	56. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	82. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	56. *E-Auto
57. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	57. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	57. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	83. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	57. *E-Auto
58. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	58. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	58. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	84. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	58. *E-Auto
59. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	59. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	59. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	85. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	59. *E-Auto
60. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	60. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	60. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	86. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	60. *E-Auto
61. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	61. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	61. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	87. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	61. *E-Auto
62. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	62. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	62. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	88. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	62. *E-Auto
63. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	63. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	63. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	89. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	63. *E-Auto
64. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	64. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	64. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	90. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	64. *E-Auto
65. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	65. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	65. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	91. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	65. *E-Auto
66. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	66. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	66. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	92. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	66. *E-Auto
67. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	67. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	67. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	93. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	67. *E-Auto
68. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	68. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	68. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	94. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	68. *E-Auto
69. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	69. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	69. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	95. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	69. *E-Auto
70. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	70. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	70. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	96. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	70. *E-Auto
71. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	71. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	71. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	97. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	71. *E-Auto
72. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	72. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	72. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	98. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	72. *E-Auto
73. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	73. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	73. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	99. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	73. *E-Auto
74. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	74. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	74. Smart Road - Underground Ducting of Utilities - KSEB Utility Shifting	100. Warehouse facilities with ancillary activities at Chalai-Chalai warehouse with commercial complex	74. *E-Auto

Table 2: Thiruvananthapuram Smart City Project brief progress (as on 31st May 2020)

MODULE STATUS	No. of SCP Projects	Amount in Cr.
ABD PROJECTS		
DPR Completed	25	736.92
Administrative Sanction Received	24	760.67
Technical Sanction Received	21	492.36
Tendered	19	635.21
Work Awarded	9	26.99
PAN CITY PROJECTS		
DPR Completed	5	195.30
Administrative Sanction Received	5	56.60
Technical Sanction Received	4	50.90
Tendered	3	41.76
Work Awarded	0	0
CONVERGENCE PROJECTS		
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
TOTAL PROJECTS (Excluding Convergence)		
DPR Completed	30	932.22
Administrative Sanction Received	29	817.27
Technical Sanction Received	25	543.26
Tendered	22	676.97
Work Awarded	9	26.99

SMART CITY PROJECTS KEY PROGRESS STATUS
(excluding Convergence)

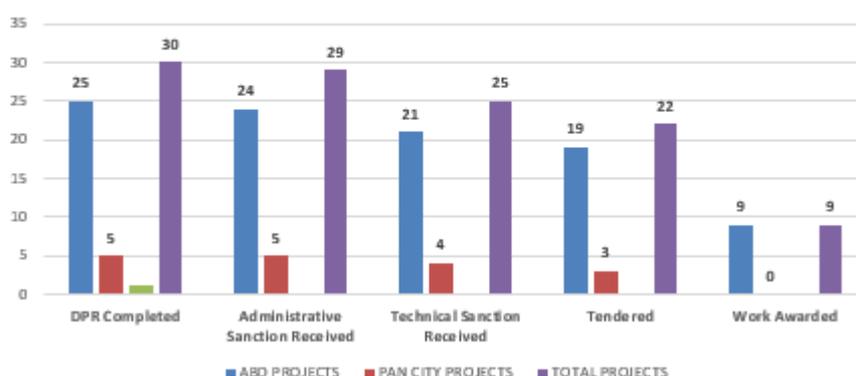


Table 3 Project Wise Current Status and DPR cost

Project Details		Estimated Cost (Rs. in Crs)	CURRENT STATUS	DPR COST (Rs. in Cr)
Particulars				
AREA BASED DEVELOPMENT				
A URBAN BASIC SERVICES				
1	Continuous Piped Water Supply	22.83	WORK COMPLETED - Convergence	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, Formator, 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	4.82
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		567.76
B LAND-USE EFFICIENCY				
16	Thampanoor Railway Commercial Complex	44.38	CONSENT AWAITED	
17	Redevelopment of Palayam Market	118.22	TENDER ISSUED	80.86
	Construction of Rehabilitation Block on TRIDA Land		TENDER ISSUED	12.68
18	Integrated Transit node (East Fort Bus Stand)	54.51	A/S Received	28.10
19	Warehouse facilities with ancillary activities at Chalai	10.82	A/S Received	15.28
20	OAT at Putharikandam Maidanam	10.07	TENDER ISSUED	15.84
MODULE SUB TOTAL		238.00		152.76
AREA BASED DEVELOPMENT				
C CULTURAL IDENTITY & HERITAGE				
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
D RESILIENCE & ECO-FRIENDLINESS				
30	Anantha - Phase II (Disaster Management)	64.60	DPR UNDER PREPARATION	
31	Linked Green Activity Zones and Pedestrian Streets	12.85	LOA ISSUED / WORK STARTED	4.47
32	Sustainable Campuses - (Solar Rooftop, Rainwater harvesting and PBS)	66.23	LOA ISSUED / TENDER ISSUED	12.47
MODULE SUB TOTAL		143.68		16.94
E SOCIO-ECONOMICS INCLUSIVENESS				
33	Integrated Social Housing Complex - Slum HHs	95.90	A/S Received	62.02
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		67.49
ABD MODULES SUB TOTAL		1386.12		895.18
PAN CITY PROJECTS				
1	Centralised Command Control Centre	29.63	DPR SUBMITTED (T/S issued CIVIL) ICT) A/S ISSUED (Civil)	146.02
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	TENDER 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		195.29
GRAND TOTAL (including Convergence)		1538.19		1090.47

2.3 Project Tenders Floated

Details of project tenders floated till 31st May 2020 are indicated below:

Table 4: Details of tendered projects till 31st May 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 Years under the Smart Cities Mission Program of Government of India	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
2	Selection of Contractor for Upgradation of Public Toilets at Six (6) Identified Locations.	Rs. 48,43,793/-	SCTL/PRJ/RFP PT/13/2018/01	26.11.2018	06/01/2019; 10.00 AM	07/01/2019; 1600 Hrs IST
3	Selection of Construction of new Building for fixing/placing the Information Kiosk with Wi Fi facilities at various locations in ABD Area.	Rs. 8,44,474/-	SCTL/PRJ/222/2018/ RFP CIVIL OF INFORMATION KIOSKS/01	26.11.2018	27/12/2018; 1730 Hrs. IST	29/12/2018; 1000 Hrs IST
4	Design, Supply, Installation, Testing, Commissioning, Operation and Maintenance of the Interactive information kiosk and Display boards in 5 identified locations in ABD area, Thiruvananthapuram	Rs.43,25,000/-	NIT No. SCTL-PRJ/222/2019-IT	30.11.2019	21/12/2019; 1730 Hrs IST	24/12/2019; 1230 Hrs. IST
5	Design, Supply, Installation, Commissioning and Operation & Maintenance of Water Kiosks in ABD	Rs. 2,17,81,835 (without GST)	SCTL/PRJ/207/2018/RFP- Water Kiosks/01	04.01.2019	25/01/2019; 1700 Hrs IST	29/01/2019; 12 00 Hrs IST
			SCTL/PRJ/207/2018/RFP- Water Kiosks/02	18.02.2019	02/03/2019; 1600 Hrs IST	04/03/2019; 12 00 Hrs IST
			SCTL/PRJ/207/2019/RFP- Water Kiosks/03	07.09.2019	05/10/2019 1730 Hrs IST	09/10/2019 1200 Hrs IST
6	Redevelopment of Bus Queue Shelters at 6 Identified locations	Rs. 89,99,294/- (excluding GST)	SCTL/PRJ/212/2018/UD /01	16-02-2019	02/03/2019; 1600 Hrs IST	04/03/2019; 1200 Hrs IST
7	Redevelopment of Public Toilets	Rs. 50,86,808.78 /- (excluding GST)	SCTL/PRJ/205/2018/M(PMM) /1A	1 -16.02.2019	02/03/2019; 1600 Hrs IST	04/03/2019; 1230 Hrs IST
			SCTL/PRJ/205/2018/M(PMM) /1A	2.07.03.2019	22/04/2019; 4.00 PM	23/04/2019; 1200 Hrs IST
		Rs. 54,52,591/- (excluding GST)	SCTL/PRJ/205/2018/M(PMM)/3 A	3. 11.10.2019	05/11/2019; 1200 Hrs IST	07/11/2019; 1200 Hrs IST
8	Selection of Contractor for Procurement Of 15 E-Autos (Design, Manufacture, On-Site Supply, and Maintenance Support) in Thiruvananthapuram	-	SCTL/PRJ/213/2018/RFP-EAUTO/01	1 - 16.02.2019	02/03/2019; 1730 Hrs IST	04/03/2019; 1200 Hrs IST
		-	SCTL/PRJ/213/2018/RFP-EAUTO/01	2 - 07.03.2019	21/03/2019; 1730 Hrs IST	23/03/2019; 1200 Hrs IST
		-	SCTL/PRJ/213/2018/RFP-EAUTO/01	3 - 10.06.2019	16/07/2019; 1600 Hrs IST	03/07/2019; 1200 Hrs IST *
9	Selection of Contractor for Procurement Of 15 Erickshaws (Design, Manufacture, On-Site Supply, and Maintenance Support) in Thiruvananthapuram	-	SCTL/PRJ/213/2018/RFP-Erickshaw/01	1. 16.02.2019	02/03/2019; 1600Hrs IST	04/03/2019; 1200 Hrs IST
		-	SCTL/PRJ/213/2018/RFP-ERICKSHAW/01	2. 10.06.2019	17/07/2019; 1600 Hrs IST	03/07/2019; 1200 Hrs IST*
10	Supply, Installation, Commissioning, Operation and Maintenance of the Rainwater Harvesting System	Rs. 70,77,299/- (Excluding GST)	SCTL/PRJ/232/2018/M (PMM)	01.03.2019	22/04/2019; 4.00 PM	23/04/2019; 1200 Hrs IST
11	Upgradation of Anganwadi – Phase 1	Rs. 39,26,214 (Excluding GST)	SCTL/PRJ/234/2018/UD	01.03.2019	14/03/2019; 1600 Hrs IST	15/03/2019; 1600 Hrs IST

Sl. No	Name of the Project	Probable Amount of Contract (PAC)	Tender no.	Tender Issue date	Closing Date and Time for Receipt of RFP	Time and Date of Opening of Technical BID
12	Roof Mounted Solar PV Power Plant on Various Buildings	Rs. 3,48,39,534.11	SCTL/PRJ/132/2018/RFP-Solar/01	10.06.2019	11/07/2019; 1600 Hrs IST	15/07/2019; 1600 Hrs IST
13	Selection of Contractor for Redevelopment and Landscaping of Ponnara Sreedhar Park	Rs. 86,91,209/-	SCTL/PRJ/231/2018/UD/01/Op en Park-Ponnara	10.06.2019	17/07/2019; 1600 Hrs IST	18/07/2019; 1600 Hrs IST
			SCTL/PRJ/231/2019/UD/01/Op en Park-Ponnara	27.07.2019	26/08/2019; 1730 Hrs IST	28/08/2019; 1730 Hrs IST
14	Construction of Multi Level Car Parking Cum Commercial Complex at Thampanoor	Rs. 16,39,69,164.14	SCTL/PRJ/232/2019/MPMM/RFP/01	30.10.2019	21/11/2019; 1730 Hrs IST	23/11/2019; 1200 Hrs IST
15	Selection of Contractor for Temple Tanks Improvements in Thiruvananthapuram	Rs. 85,11,100.16	SCTL/PRJ/223/2019/UD/RFP/01	30.10.2019	21/11/2019; 1730 Hrs IST	23/11/2019; 1200 Hrs IST
			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 TSCCC and ATCS	Rs.59,01,94,901	SCTL-PRJ/241/2019-IT	19.12.2019	21/05/2020; 1600 Hrs IST	22/05/2020; 1200 Hrs IST
18	Selection of Contractor for Redevelopment of Palayam Market at Palayam, Thiruvananthapuram including pre-fabricated structure and pit puzzle parking system in basement of market.	Rs.81,94,22,954.67	SCTL-PRJ/217/2019-M(UP)/02	15.02.2020	25/04/2020; 1600 Hrs IST	19/05/2020; 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
		Rs. 1,53,68,858.97	SCTL/PRJ/234/2019/UD/RFP-03	28.05.2020	20/06/2020; 1600 Hrs IST	23/06/2020; 1200 Hrs IST
21	Selection of Contractor for Redevelopment of Sree Chithira Park Thiruvananthapuram	Rs. 1,78,46,891	SCTL/PRJ/227/2019/UD/RFP-01	25.02.2020	25/04/2020; 1600 Hrs IST	08/05/2020; 1200 Hrs IST
22	Selection of Contractor for Integrated Development of Parks and Open Spaces Childrens Park 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
		Rs. 1,72,37,857.94	SCTL/PRJ/231/2019/UD/RFP-04	28.05.2020	20/06/2020; 1600 Hrs IST	23/06/2020; 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	18/05/2020; 1600 Hrs IST	19/05/2020; 1200 Hrs IST
		Rs. 1,72,15,986.71	SCTL/PRJ/235/2019/M(UP)/RFP-02	28.05.2020	20/06/2020; 1600 Hrs IST	23/06/2020; 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	19/05/2020; 1200 Hrs IST
25	Selection of Contractor for Development of Smart Roads and Underground Ducting Including Utility	Rs.90,99,50,619.99	SCTL/PRJ/210/2019/M(PMM)/RFP-01	20.04.2020	08/06/2020; 1730 Hrs IST	10/06/2020; 1200 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
	Shifting of Water Supply and Power lines in ABD area Under Smart City Mission (Corporation Roads) in Thiruvananthapuram					
26	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 (PWD& KRFB Roads) in Thiruvananthapuram”	Rs. 3,73,30,32,442	__4080/PE/KRF B/2019	20.04.2020	08/06/2020; 1730 Hrs IST	10/06/2020; 1200 Hrs IST
27	Selection of Service Provider for the Design, Supply, Installation, Testing, Commissioning, Operation and Maintenance of the Smart Mosquito Density System for 5 years in identified locations in Thiruvananthapuram City	Rs. 54,00,000	SCTL-PRJ/239/2019-IT	25.05.2020	23/06/2020; 1200 Hrs IST	24/06/2020;1200 Hrs IST

2.4 Notice (Expression of Interest) Floated

Details of Notice (Expression of Interest) Floated till 31st May 2020 are indicated below:

Table 5: Details of Expression of Interest Floated till 31st May 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 Electrical Autos (E-Autos) in Thiruvananthapuram City in the state of Kerala.”	SCTL/PRJ/213/2018/EOI-AUTO/01	26-11-2018	18/12/2017 1600 Hrs. IST	21 /12/2018 1000 Hrs. IST
2	Expressions of Interest from entities for the setting -up and operation of the Public Bicycle Sharing System . The entities that would participate in the EOI process will be given additional weightage in upcoming tendering process based on its proposal and performance of Proof of Concept (POC) in Thiruvananthapuram	SCTL/PRJ/213/2018/EOI-PBS/01	26-11-2018	18/12/2017 1600 Hrs. IST	21 /12/2018 1000 Hrs. IST
3	“Notice (Expression of Interest) for the Pre-Qualification of Domestic (Indian) / Overseas Competent Manufacturers/Empaneled Agencies with MNRE/ANERT/SECI /Roof Top Solar Projects Developers or Operators for Installation of grid connected rooftop solar photovoltaic power plant in 12 government buildings , Thiruvananthapuram City in the state of Kerala”.	SCTL/PRJ/132/2018/EOI-Solar/01	26-11-2018	18/12/2017 1600 Hrs. IST	21/12/2018 1700 Hrs. IST
4	Multi Level Car Parking (MLCP) cum Commercial Complexes (Providing land for construction and operation & maintenance of multi-level car parking facility)	SCTL/PRJ/208/2019/M(UP)/EOI-01	01-03-2019	14/03/2019 1600 Hrs. IST	15/03/2019 1000 Hrs. IST
5	Design, Supply, Installation, Commissioning of Installation of Statues under Smart City Mission (SCM) in Thiruvananthapuram City	SCTL/PRJ/223/2019/EOI-UD-01	19-11-2019	On 05/12/2019 1730 Hrs. IST	On 07/12/2019 1730 Hrs. IST

3 PROJECT IMPLEMENTATION PROGRESS:

As per PMC ToR, for implementation of tendered projects, Letter of Awards (LoAs), Signed Agreements, facilitation of sanction drawings is being coordinated with SCTL and the finalised contractors. Following are the details of projects under implementation stage as on 31st May 2020:

Table 6: Details of Implementation of Tendered Projects as on 31st May 2020

PROJECT DETAILS		SUB PROJECT DETAILS		IMPLEMENTATION		
S.N	PROJECT NAME	#	Project Scope	CURRENT STATUS	PROJECT START DATE	EXPECTED FINISHING DATE
1	Upgradation of Existing Public Toilets	1	Thambanoor Bus Terminal- In Gate	COMPLETED. HANDED OVER TO CLIENT.	24-05-2019	
		2	Thambanoor Bus Terminal- Out Gate	SITE YET TO HANDOVER. OLD CONTRACT TERMINATED. New contract- LOA issued. LOA No: SCTL/PRJ/205/2019/M(PMM)/1256, dated 31/01/2020		
		3	Sulabh Toilet - Corporation	WORK COMPLETED. Not handed over to the client. Snag and Extra work are not completed. No works at site due to National Lockdown.		
		4	Sulabh Toilet - Vanchiyoor	New contract - LOA issued. LOA No: SCTL/PRJ/205/2019/M(PMM)/1137, dated 06/01/2020, YET NOW SITE WORK NOT STARTED. No works at site due to National Lockdown		
		5	Sulabh Toilet - Putharikandam Maidhanam	WORK COMPLETED. Site was inaugurated on 5 th Mar 2020.		
		6	Sulabh Toilet - Thampanoor	New contract - LOA issued. LOA No: SCTL/PRJ/205/2019/M(PMM)/1137, dated 06/01/2020, YET NOW SITE WORK NOT STARTED. No works at site due to National Lockdown		
2	Information Kiosk with Wi-Fi facilities	1	Corporation Campus	Old Contract Terminated. New contract-LOA issued. Site handed over on 15/05/2020. Work not started.	30-05-2019	
		2	Gandhi park	Old Contract Terminated. New contract-LOA issued. Site handed over on 15/05/2020. Work restarted from 29/05/2020.		
3	Redevelopment of Bus Queue shelters at 6 locations	1	Womens college	SITE YET TO HANDOVER	24-05-2019	
		2	Panavila	COMPLETED		
		3	Killipalam boys school- loc 1	After the National lockdown the work is restarted from 25/05/2020. Roofing work u/p.		
		4	Killipalam boys school- loc 2	STARTED/ WORK ON HOLD, Revised location handed over on 26/05/2020. Phase 1 Base Slab Concreting completed		
		5	Thampanoor railway station	No works at site due to National Lockdown, Material for Erection shifted at site.		
		6	Ayurveda college	COMPLETED.		
4	Installation of Open air Gym and Child play Equipments	1	Gandhi Park	COMPLETED.	10-05-2019	
		2	Sreekanadeswaram 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			
5	Upgradation of Anganwadi at three identified locations	1	Rajaji Nagar, Chenkalchoola (Centre no: 63)	COMPLETED. Snags are pending. No works at site due to National Lockdown	08.08.2019	
		2	Thampanoor UP School-Centre no: 61	COMPLETED. Snags are pending. No works at site due to National Lockdown	02.08.2019	
		3	Fort Sanskrit School-Centre no 60	COMPLETED. Snags are pending. No works at site due to National Lockdown	3.11.2019	
6	Installation of Drinking Water Kiosk	1	Anganwadi, Rajaji Nagar	Site work started on 20.03.2019. NOC received only for 15 locations. No works at site due to National Lockdown . Work restarted from 26/05/2020.	10-01-2020	
		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			
		23	Ayurveda college in			
		24	SMV school			
		25	General Hospital			

PROJECT DETAILS		SUB PROJECT DETAILS		IMPLEMENTATION		
S.N	PROJECT NAME	S.N	Project Scope	CURRENT STATUS	PROJECT START DATE	EXPECTED FINISHING DATE
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. Electrical Inspectorate Approval process going on. No works at site due to National Lockdown.	06-12-2019	
		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	HANDED OVER ON 27/05/2020.	29-01-2020	
		2	Public toilet near Padmanabha theatre	HANDED OVER ON 27/05/2020.		
		3	Public toilet near New theatre	HANDED OVER ON 29-01-2020. Footing PCC Completed No works at site due to National Lockdown .		
9	Redevelopment and Landscaping of Ponnara Sredhar Park	1	Ponnara Sredhar Park	SITE HANDED OVER ON 03/02/2020. Yet now the contractor not submitted the documents for approval.		
10	Construction of Multi level 2-wheeler and Car parking cum commercial complex at Thampanoor	1	Thampanoor	SITE HANDED OVER ON 27/05/2020. Joint measurement completed for demolishing work. Demolishing not started due to the hindrance of existing bike parking.		

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



Construction of MLCP



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





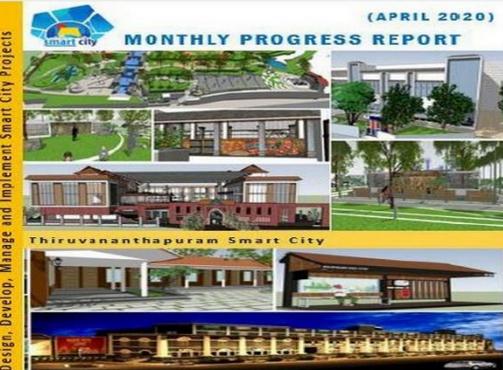
4 DELIVERABLES BY PMC (in the month of May 2020):

In the month of May 2020, PMC team has made 8 deliverables like, Situation Analysis Report, Feasibility Report, Revised Detailed Project Reports, Monthly Project Report (MPR), Revised Estimates, etc. Following deliverables in the month of May 2020:

Table 7: Deliverables by PMC in the month of May 2020

S.N	Project Name	Ref Letter No.	Date	Document Name
1	Smart Road - Underground Ducting of Utilities -KSEB Utility Shifting	PMC/PD/PP-2/SAR/08	06-May-20	Situation Analysis Report
2	Smart Road - Underground Ducting of Utilities -KSEB Utility Shifting	PMC/PD/PP-2/FR/08	06-May-20	FEASIBILITY REPORT SUBMISSION
3	Monthly Progress Report (MPR)	SCTL/PMC/PD/105	12-May-20	MPR- April - 2020
4	Integrated City Management Control Center (ICMCC)	PMC/PD/PP/DPR/09h	12-May-20	Revised DPR (ICT)
5	'Setting up Command and Control Centre for Pan City ICT Component	PMC/PD/PP/DPR/07h	14-May-20	Revised Estimate (Detailed Estimate for Civil, Interior works, Landscaping, PHE and Structural Earthing)
6	Integrated Social Housing Complex - Slum HHs	PMC/PD/PP/DPR/12d	22-May-20	Revised Civil BOQ and Estimate (Rajaji Nagar)
7	Interactive Information Kiosks and display boards	IPE- SCTL/PMC/PD/DPR-03k	28-May-20	GFC Drawing
8	'Setting up Command and Control Centre for Pan City ICT Component	PMC/PD/PP/DPR/07i	29-May-20	Revised Estimate Electrical Structural Earthing

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

<p>PMC to Design, Develop, Manage and Implement Smart City Projects</p>  <h3>SITUATION ANALYSIS REPORT</h3> <h4>UTILITY SHIFTING KSEB</h4> <p>PROJECT DOMAIN: URBAN BASIC SERVICES DOCUMENT NO: PMC/PD/PP-2/SAR/08</p>  <p>Thiruvananthapuram Smart City</p> <p>Submitted By IPE GLOBAL (LEAD MEMBER) JLL (ASSOCIATE MEMBER) Vikas Shivan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O, University of Kerala Senate House Campus, Palayam, Thiruvananthapuram, Kerala 695033</p> <p>Making Development a Ground Reality Integrity Innovation Passion Perseverance Learning</p>	<p>PMC to Design, Develop, Manage and Implement Smart City Projects</p>  <h3>DETAILED PROJECT REPORT (Revised Ver 3.2.2)</h3> <h4>INTEGRATED CITY MANAGEMENT CONTROL CENTRE (ICMCC)</h4> <p>PROJECT DOMAIN: ICT- PAM City DOCUMENT NUMBER - SCTL/PMC/PD/PP/DPR/07b</p>  <p>Thiruvananthapuram Smart City</p> <p>Submitted By IPE GLOBAL (LEAD MEMBER) JLL (ASSOCIATE MEMBER) Vikas Shivan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O, University of Kerala Senate House Campus, Palayam, Thiruvananthapuram, Kerala 695033</p> <p>Making Development a Ground Reality Integrity Innovation Passion Perseverance Learning</p>
<p>PMC to Design, Develop, Manage and Implement Smart City Projects</p>    <h3>REVISED CIVIL BOQ & ESTIMATES</h3> <h4>INTEGRATED SOCIAL HOUSING COMPLEX FOR SLUM HOUSEHOLDS PROJECT</h4> <p>PROJECT DOMAIN: SOCIO-ECONOMIC INCLUSIVENESS DOCUMENT NO : PMC/PD/PP/DPR/12d</p> <p>Thiruvananthapuram Smart City</p> <p>Submitted By IPE GLOBAL (LEAD MEMBER) JLL (ASSOCIATE MEMBER) Vikas Shivan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O, University of Kerala Senate House Campus, Palayam, Thiruvananthapuram, Kerala 695033</p> <p>Making Development a Ground Reality Integrity Innovation Passion Perseverance Learning</p>	<p>PMC to Design, Develop, Manage and Implement Smart City Projects</p>   <h3>REVISED ESTIMATE</h3> <h4>CIVIL, INTERIOR FINISHING, LANDSCAPING, STRUCTURAL EARTHINGS AND PHE WORKS</h4> <h4>COMMAND AND CONTROL CENTRE</h4> <p>PROJECT DOMAIN: URBAN BASIC SERVICES DOCUMENT NUMBER - PMC/PD/PP/DPR/07b</p> <p>Thiruvananthapuram Smart City</p> <p>Submitted By IPE GLOBAL (LEAD MEMBER) JLL (ASSOCIATE MEMBER) Vikas Shivan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O, University of Kerala Senate House Campus, Palayam, Thiruvananthapuram, Kerala 695033</p> <p>Making Development a Ground Reality Integrity Innovation Passion Perseverance Learning</p>
<p>PMC to Design, Develop, Manage and Implement Smart City Projects</p>    <h3>GOOD FOR CONSTRUCTION DRAWINGS</h3> <p>(FAST TRACK PHASE-1 PROJECTS)</p> <h4>SETTING UP OF INTERACTIVE INFORMATION KIOSKS (IN SMART CITY ADD AREA)</h4> <p>PROJECT DOMAIN: ICT DOCUMENT NUMBER - SCTL/PMC/PD/PP/03a</p> <p>Thiruvananthapuram Smart City</p> <p>Submitted By IPE GLOBAL (LEAD MEMBER) JLL (ASSOCIATE MEMBER) Vikas Shivan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O, University of Kerala Senate House Campus, Palayam, Thiruvananthapuram, Kerala 695033</p> <p>Making Development a Ground Reality Integrity Innovation Passion Perseverance Learning</p>	<p>PMC to Design, Develop, Manage and Implement Smart City Projects</p>    <h3>FEASIBILITY REPORT</h3> <h4>UTILITY SHIFTING KSEB</h4> <p>PROJECT DOMAIN: URBAN BASIC SERVICES DOCUMENT NO: PMC/PD/PP-2/ER/08</p> <p>Thiruvananthapuram Smart City</p> <p>Submitted By IPE GLOBAL (LEAD MEMBER) JLL (ASSOCIATE MEMBER) Vikas Shivan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O, University of Kerala Senate House Campus, Palayam, Thiruvananthapuram, Kerala 695033</p> <p>Making Development a Ground Reality Integrity Innovation Passion Perseverance Learning</p>
<p>PMC to Design, Develop, Manage and Implement Smart City Projects</p>   <h3>Electrical Structural Earthing (Revised Estimate)</h3> <h4>COMMAND AND CONTROL CENTRE (CIVIL)</h4> <p>PROJECT DOMAIN: URBAN BASIC SERVICES DOCUMENT NUMBER: PMC/PP/DPR/07i</p> <p>Thiruvananthapuram Smart City</p> <p>Submitted By IPE GLOBAL (LEAD MEMBER) JLL (ASSOCIATE MEMBER) Vikas Shivan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O, University of Kerala Senate House Campus, Palayam, Thiruvananthapuram, Kerala 695033</p> <p>Making Development a Ground Reality Integrity Innovation Passion Perseverance Learning</p>	<p>PMC to Design, Develop, Manage and Implement Smart City Projects</p>  <h3>(APRIL 2020) MONTHLY PROGRESS REPORT</h3> <p>Thiruvananthapuram Smart City</p> <p>Submitted By IPE GLOBAL (LEAD MEMBER) JLL (ASSOCIATE MEMBER) Vikas Shivan, 4th Floor, Annex Building, Municipal Corporation of TVPM, P.O, University of Kerala Senate House Campus, Palayam, Thiruvananthapuram, Kerala 695033</p> <p>Making Development a Ground Reality Integrity Innovation Passion Perseverance Learning</p>

4.1 Key Projects/Progress/Review Presentations:

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

Table 8: List of presentations in the month of May 2020.

S.N	Date	Stakeholder/Department	Project Name	Key Agenda
No presentations made in the month of May 2020.				

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





5 LETTERS SUBMITTED:

During the month of May 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 May 2020

S.N	Letter No	Date	Subject	Address to
1	SCTL/PMC/PD/104	04-May-20	Intimation related to demobilization of Input based Experts who are currently out of Trivandrum	Dr. Sanoop Gopikrishna GM- SCTL
2	PMC/TM/69	04-May-20	Team mobilization to project office –Mr. Kiranchand Vayyatt (Other Staff- Time Based Input – Urban Planner)	Sh. P. Bala Kiran (IAS), CEO, SCTL
3	SCTL/PMC/IMPL/PT-Ph1/25	06-May-20	Upgradation of toilet at 4 locations – Resumption of work	Dr. Sanoop Gopikrishna GM- SCTL
4	SCTL/PMC/IMPL/PT-Ph2/6	06-May-20	Redevelopment of Public Toilets at 3 identified locations – Resumption of Work	Dr. Sanoop Gopikrishna GM- SCTL
5	SCTL/PMC/IMPL/Bus-Stops/47	06-May-20	Redevelopment of Bus Queue Shelters at 6 Identified Locations – Resumption of work	Dr. Sanoop Gopikrishna GM- SCTL
6	PMC/PD/PP-2/SAR/08	06-May-20	Situation Analysis Report- Smart Road - Underground ducting of utilities: Utility Shifting (KSEB) (under Urban Basic Services Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
7	PMC/PD/PP-2/FR/08	06-May-20	FEASIBILITY REPORT SUBMISSION: - Smart Road - Underground ducting of utilities: Utility Shifting (KSEB) (under Urban Basic Services Module in SCP).	Sh. P. Bala Kiran (IAS), CEO, SCTL
8	SCTL/PMC/IMPL/Anganwadis/17	07-May-20	Upgradation of Anganwadi at Rajaji Nagar, Thampanoor UPS and Fort School – Resumption of Work & Reminder to close snags	Dr. Sanoop Gopikrishna GM- SCTL
9	SCTL/PMC/IMPL/Solar/08	07-May-20	Design, Supply, Installation, Erection, Testing & Commissioning, Operation & Maintenance of Grid - Tied Roof Mounted Solar PV Power Plant on Various Buildings in Thiruvananthapuram - Resumption of Work	Dr. Sanoop Gopikrishna GM- SCTL
10	PMC/TM/70	08-May-20	Team mobilization to project office –Mr. Nithin Murli (Other Staff- Time Based Input – Associate Engineer)	Sh. P. Bala Kiran (IAS), CEO, SCTL
11	PMC/TM/71	08-May-20	Team mobilization to project office –Mr. Vishnugopal G.S. (Time Based Input – Support Staff for Project Implementation and Supervision – Engineering Associate (Infrastructure)	Sh. P. Bala Kiran (IAS), CEO, SCTL
12	SCTL/PMC/IMPL/PSPARK/01	11-May-20	Redevelopment and Landscaping of Ponnara Sreedhar Park – Delay in submission of GFC drawings and Estimates	Dr. Sanoop Gopikrishna GM- SCTL
13	SCTL/PMC/IMPL/PT-Ph2/7	11-May-20	Redevelopment of Public Toilets at 3 identified locations – Delay in handing over of sites	Dr. Sanoop Gopikrishna GM- SCTL
14	SCTL/PMC/IMPL/Bus-Stops/48	11-May-20	Redevelopment of Bus Queue Shelters at 6 Identified Locations – Delay in handing over of sites	Dr. Sanoop Gopikrishna GM- SCTL
15	SCTL/PMC/IMPL/DWK/08	11-May-20	Supply, Installation Commissioning and Operation and Maintenance of Water Kiosks at specified locations as per Scope of Work in the Thiruvananthapuram City with defect liability period of one year & operation and	Dr. Sanoop Gopikrishna GM- SCTL

S.N	Letter No	Date	Subject	Address to
			maintenance of five years – Delay in obtaining NOC(S) and handing over of sites	
16	SCTL/PMC/PD/105	12-May-20	Deliverable – Monthly Progress Report - April 2020	Sh. P. Bala Kiran (IAS), CEO, SCTL
17	SCTL/PMC/IMPL/PT-Ph1/26	12-May-20	Name of Work: Up-gradation of toilet at 4 locations Sub: RA Bill & Rate Analysis reg.	Dr. Sanoop Gopikrishna GM- SCTL
18	SCTL/PMC/IMPL/DWK/09	12-May-20	Supply, Installation Commissioning and Operation and Maintenance of Water Kiosks at specified locations in the Thiruvananthapuram City with defect liability period of one year & operation and maintenance of five years – Resumption of Work	Dr. Sanoop Gopikrishna GM- SCTL
19	PMC/PD/PP/DPR/09h	12-May-20	Submission of Revised Draft Detailed Project Report- Integrated City Management Control Center (ICMCC)	Sh. P. Bala Kiran (IAS), CEO, SCTL
20	SCTL/PMC/IMPL/Anganwadis/18	13-May-20	Name of Work: Upgradation of Anganwadis at Rajaji Nagar, Thampanoor UPS and Fort School - Sub: - RA Bill No. 2 Check measure	Dr. Sanoop Gopikrishna GM- SCTL
21	SCTL/PMC/IMPL/Bus-Stops/49	13-May-20	Redevelopment of Bus Queue Shelters at 6 Identified Locations – Material Approval of HDPE pipe for UG ducting works reg.	Dr. Sanoop Gopikrishna GM- SCTL
22	PMC/PD/PP/DPR/07h	14-May-20	Revised Detailed Project Report (Detailed Estimate for Civil, Interior works, Landscaping, PHE and Structural Earthing) 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
23	SCTL/PMC/IMPL/DWK/10	18-May-20	Supply, Installation Commissioning and Operation and Maintenance of Water Kiosks at 25 locations in the Thiruvananthapuram City with defect liability period of one year & operation and maintenance of five years – 1st Extension of Time	Dr. Sanoop Gopikrishna GM- SCTL
24	PMC/TM/72	21-May-20	Mr. Esakkiappan (Associate Engineer) Request to Permit Work from Home for 14 Days (Quarantine)	Sh. P. Bala Kiran (IAS), CEO, SCTL
25	SCTL/PMC/IMPL/MLCP-Thampanoor/01	22-May-20	Construction of Multi level 2-Wheeler and Car parking Cum Commercial Complex at Thampanoor – Commencement of Work	Dr. Sanoop Gopikrishna GM- SCTL
26	PMC/PD/PP/DPR/12d	22-May-20	Submission of Revised Civil BOQ and Estimate (Rajaji Nagar) - Integrated Social Housing Complex for Slum Households Project	Sh. P. Bala Kiran (IAS), CEO, SCTL
27	SCTL/PMC/IMPL/MLCP-Thampanoor/02	26-May-20	Request for NOC for re-routing the alignment of drain within Corporation Land used for Proposed MLCP at Thampanoor under Smart-City Thiruvananthapuram Limited	Dr. Sanoop Gopikrishna GM- SCTL
28	SCTL/PMC/IMPL/MLCP-Thampanoor/03	27-May-20	Intimation letter about Construction of Multi-Level 2-Wheeler and Car parking Cum Commercial complex at Thampanoor	Dr. Sanoop Gopikrishna GM- SCTL
29	SCTL/PMC/IMPL/PT-Ph2/8	27-May-20	Intimation letter about Construction of Toilet Blocks near East fort Bus Stand and Padmanabha theatre.	Dr. Sanoop Gopikrishna GM- SCTL
30	SCTL/PMC/IMPL/PT-Ph2/9	28-May-20	Redevelopment of Public Toilets at 3 identified locations – Regarding Request for disconnection of existing electrical & water connections of public toilets at Near	Dr. Sanoop Gopikrishna GM- SCTL

S.N	Letter No	Date	Subject	Address to
			Padhmanabha Theatre and Near East Fort Bus stand.	
31	IPE- SCTL/PMC/PD/DPR-03k	28-May-20	GFC Drawing - Interactive information Kiosks and display boards.	Sh. P. Bala Kiran (IAS), CEO, SCTL
32	PMC/ADM-O/16	29-May-20	Request to approve additional input provision for timely and successful completion of Project execution	Sh. P. Bala Kiran (IAS), CEO, SCTL
33	SCTL/PMC/IMPL/Anganwadis/19	29-May-20	Upgradation of Anganwadi at Rajaji Nagar, Thampanoor UPS and Fort School – Reminder - close of snags	Dr. Sanoop Gopikrishna GM- SCTL
34	PMC/PD/PP/DPR/07i	29-May-20	Submission of Revised Estimate Electrical Structural Earthing: '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 31st May 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

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
5	Redevelopment of Palayam Market	Palayam	TMC,TRIDA,Town Planning Dept,Town Vending Committee, Arts and Heritage Commission,Fire Dept,Pollution Control Board, KSEB,KWA,PWD,Mining and Geology Dept	Ward 27	NO	
6	Reconstruction of Existing Public Toilets	Beside Padmanabha Theatre,Chalai	TMC	Ward 71	YES	12.06.2019
		Near New Theatre, Thampanoor	TMC	Ward 81	YES	12.06.2019
		East Fort North Bus Stand	TMC	Ward 80	YES	12.06.2019
7	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	05.04.2019
		Vanchiyoor		Ward 82	BUT SULABH IS STILL OCCUPYING AND NO HANDOVER OF SITE"	05.04.2019
		KSRTC Outgate	KSRTC - LAND OWNER KTDFC - O&M Agency	Ward 81	"NOC FROM KSRTC BUT KTDFC IS STILL OCCUPYING AND NO HANDOVER OF SITE"	28.11.2018
		KSRTC Ingate		Ward 81	YES	28.11.2018
8	Phase 1: Linked Green Activity Zones- Integrated Development - Installation of Open Gym Equipment and Children's play equipment	Shri Chithira Thirunal Park	TMC	Ward 81	YES	27.03.2019
		Sreekanteswaram Park	TMC	Ward 81	YES	27.03.2019
		Gandhi Park	TMC	Ward 71	YES	27.03.2019
	Phase 2 : Linked Green Activity Zones- Integrated Development of Parks	Sree Kandeswaram Park	TMC	Ward 83	NO	
		Ponara Sreedhar Park	TMC	Ward 81	NO	
	Phase 3 : Linked Green Activity Zones- Integrated Development of parks	Gandhi Park	TMC		NO	
		Shri Chithira Thirunal Park	TMC	Ward 81	NO	
Children's Park on LMS Vellayambalam Road		KWA		NO		

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
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
	Sustainable Campuses - Solar Rooftop Phase 2	Bus Terminal Complex	KTDFC		YES	02.04.2019
		Travancore Dewasom Board Building	Kerala Dewasom Recruitment Board		YES	14.02.2019 (TDB) 09.07.2019 (Kerala Dewasom Recruitment Board)
Fire and Rescue Head Office		Fire and Rescue Head Office		YES	02.11.2019 NoC signed by Director General, Fire and Rescue Services	
		KTDFC Main Head Office	KTDFC		NO	
11	Heritage Trails and Walks- Façade, Wall Painting and Floor Marking	Manaveeyam Veedhi	KRFB,PWD, Tourism Department, Department of Arts and Crafts, State Archeological Department, Repective Heritage Building Owners	Ward 27	NO	
		Kanakakunnu palace			NO	
		Napier Museum			NO	
		Matree Memorial Church			NO	
		Kerala State Lesgislative 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	

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE	
		Panavila (Kalabhavan Mani road)	TMC	Ward 29	NO		
		In front of Gandhi Bhavan	PWD	Ward 28	NO		
		KSRTC Terminal	KSRTC	Ward 81	NO		
	Last Mile Connectivity - E Autos - Public Bike Sharing	Thampanoor Corporation parking	TMC	Ward 81	NO		
		Inside Gandhi Park	TMC	Ward 71	NO		
		Near Taluk office road/ Sree Chithira Thirunal Park	TMC	Ward 80	NO		
		Ayurveda College Junction	KRFB	Ward 82	NO		
		In front of 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 2 Redesign 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				

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
		Bakery Junction	KRFB,MLA	Ward 27	NO	
		Palayam	KRFB,MLA	Ward 27	NO	
		Saphalyam	KRFB	Ward 27	NO	
		Statue North	KRFB,MLA,TRDCL	Ward 82	NO	
		Statue South	KRFB,MLA	Ward 82	NO	
		Overbridge Junction	KRFB	Ward 81	NO	
		Model School	KRFB,TRDCL	Ward 81	NO	
		East Fort	KRFB,PWD,KSRTC	Ward 71	NO	
		Government Hospital Junction	KRFB	Ward 82	NO	
		Kerala University	KRFB	Ward 27	NO	
		Bakery Junction	PWD	Ward 27	NO	
		VJT Hall	PWD	Ward 27	NO	
15	Integrated Social Housing Complex- Slum Hhs	Chengalchola	TMC	Ward 81	NO	
		Poundukulam	TMC	Ward 28	NO	
		Chhirakulam	TMC	Ward 82	NO	
16	Interactive Information Kiosks and Display Boards	Corporation Campus	TMC	Ward 27	YES	27.03.2019
		Gandhi Park	TMC	Ward 71	YES	27.03.2019
		KSRTC Bus Terminal	KTDFC		YES	24.07.2019
17	Drinking Water Fountain	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	

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
		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
		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 Bungalow	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 DM0.TVM	28.10.2019 (From TMC)
19	Heritage Conservation (Temple Tank)	Puthenchantha Balasubrahmanya Temple Pond	Travancore Devaswom Board, TMC, KWA, KSEB, BSNL	Ward 81	YES	01.07.2019(From TDB)

S.No	PROJECT NAME	LOCATION	DEPARTMENT	WARD NO	STATUS OF NOC	DATE
		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 Archeology 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 Bus Stand)	East Fort, Trivandrum	TMC, KSRTC, KSEB, KWA, PWD, KSEB		YES (From TMC only)	31.01.2020 (From TMC)

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

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

8	Vanross Oottukuzhy Road	Ward No.81	TRDCL	NO	
9	Corridor 7: Vanross-Oottukuzhy-Secretariat	Ward No.81	TRDCL	NO	
10	Thakaraparambu Road	Ward No.83	TRDCL	NO	
11	Powerhouse Road	Ward No.71	TRDCL	NO	
12	MelePazhavangadi Jn. to Attakulangara Jn.	Ward No.80	TRDCL	NO	
13	Punnapuram Jn. to Uppidamoodu Bridge	Ward No.83	TRDCL	NO	
14	RR Lamp-CDAC Junction	Ward No.27	TRDCL	NO	
15	Palayam Jn. to RR Lamp	Ward No.27	TRDCL	NO	
16	Fort Hospital to Thakaraparambu Road	Ward No.83	TRDCL	NO	
17	SreeKanteswaram Park to Uppidamoodu Bridge	Ward No.83	TRDCL	NO	
18	Uppidamoodu Bridge to Court Jn.	Ward No.83	TRDCL	NO	
19	Eanchakkal Fort Hospital Road	Ward No.83	TRDCL	NO	
20	General hospital to Palayam Jn.	Ward No.27	TRDCL	NO	
21	Attakulangara to Azhikoota Jn.	Ward No.80	TRDCL	NO	
PHASE 4 -23.68 KM					
1	Observatory Lane	Ward No.27	TMC	YES	16.05.2019
2	Lenin Nagar Road	Ward No.27	TMC	YES	16.05.2019
3	CHH Lenin Road	Ward No.27	TMC	YES	16.05.2019
4	Nandavanam Palayam Road	Ward No.27	TMC	YES	16.05.2019
5	Public Library Nandavanam Road	Ward No.27	PWD	YES	07.09.2019
6	Thycaud Police Ground Road	Ward No.28	TMC	YES	16.05.2019
7	Keezhe Thampanoor Road	Ward No.28	TMC	YES	16.05.2019
8	Jagathy Kannettumukku Valiasala Road	Ward No.43	TMC	YES	16.05.2019
9	Kothalam Jn. To West Fort	Ward No.80	TMC	YES	16.05.2019
10	Dharmalayam Road	Ward No.81	TMC	YES	16.05.2019
11	Pazhavangadi - Uppidammodu	Ward No.82 and 83	TMC	YES	16.05.2019
12	Thamman Street	Ward No.80	TMC	YES	16.05.2019
13	Ayya Vadhiyar Road	Ward No.80	TMC	YES	16.05.2019
14	Kothalam Road	Ward No.80	TMC	YES	16.05.2019
15	Taluk Office Road	Ward No.80	TMC	YES	16.05.2019
16	Chothupurai Street	Ward No.80	TMC	YES	16.05.2019
17	Palla Theervu	Ward No.80	TMC	YES	16.05.2019
18	West Nada	Ward No.80	TMC	YES	16.05.2019
19	Deekshithar Street	Ward No.80	TMC	YES	16.05.2019
20	Kallampalli Street	Ward No.80	TMC	YES	16.05.2019
21	Fort East Fort Road	Ward No.80	TMC	YES	16.05.2019
22	Road Inside Fort	Ward No.80	TMC	YES	16.05.2019
23	Road Inside Fort	Ward No.80	TMC	YES	16.05.2019
24	Road Inside Fort	Ward No.80	TMC	YES	16.05.2019
25	Road Inside Fort	Ward No.80	TMC	YES	16.05.2019
26	Road Inside Fort	Ward No.80	TMC	YES	16.05.2019
27	Road Inside Fort	Ward No.80	TMC	YES	16.05.2019
28	Padmavilasam Street	Ward No. 83	TMC	YES	16.05.2019
29	Road Inside Fort	Ward No.80	TMC	YES	16.05.2019
30	Justice Sankaranarayana Street	Ward No.83	TMC	YES	16.05.2019
31	Pazhavangadi - Uppidammodu	Ward No.82 and 83	PWD	YES	07.09.2019

32	Forest Office Junction - Bakery Junction Road	Ward No.29	PWD	YES	07.09.2019
33	Drainage Road Connecting Observatory to Nandavanam	Ward No.27	PWD	YES	07.09.2019
34	Spencer Bakery - Vazuthacaud	Ward No.29	PWD	YES	07.09.2019
35	Karunakaran Sapthathi Road	Ward No.27 and 81	PWD	YES	07.09.2019
36	SS Kovil Road	Ward No.81	PWD	YES	07.09.2019
37	Rose House Panavilla Road	Ward No.28 and 29	PWD	YES	07.09.2019
38	Around Residency	Ward No.28	PWD	YES	07.09.2019
39	Bakery Womens College Road	Ward No.29	PWD	YES	07.09.2019
40	Pazhavangadi - Uppidammodu (Canal Road)	Ward No.82 and 83	PWD	YES	07.09.2019
41	Manjalkulam Road	Ward No.81	PWD	YES	07.09.2019
42	Aristo Road	Ward No.28	PWD	YES	07.09.2019
43	Punnen Road	Ward No.81	PWD	YES	07.09.2019
44	Pulimoodu Residency Road	Ward No.81	PWD	YES	07.09.2019
45	Overbridge Collectorate Uppidammodu Junction	Ward No.82	PWD	YES	07.09.2019
46	Pulimoodu-Uppidammodu (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	Seceratarariat East Residents Association Road	Ward No.81 and 29	TMC	YES	16.05.2019
40	Mele Road	Ward No.81	TMC	YES	16.05.2019
41	Sreemoolam Road	Ward No.81	TMC	YES	16.05.2019
42	Prashanti Nagar Road	Ward No.81	TMC	YES	16.05.2019
43	Mele Road	Ward No.81	TMC	YES	16.05.2019
44	Santhi Nagar Road	Ward No.81	TMC	YES	16.05.2019
45	Santhi Nagar Road	Ward No.81	TMC	YES	16.05.2019
46	Purna Lane	Ward No.81	TMC	YES	16.05.2019
47	Shanti Nagar Press Road	Ward No.81	TMC	YES	16.05.2019
48	Shanti Nagar Press Road	Ward No.81	TMC	YES	16.05.2019
49	SIDCO Back Road	Ward No.81	TMC	YES	16.05.2019
50	Joint Road SS Kovil Thampanoor Road	Ward No.81	TMC	YES	16.05.2019
51	Sunny Meads Lane	Ward No.27	TMC	YES	16.05.2019
52	Sunny Meads Lane	Ward No.27	TMC	YES	16.05.2019
53	Pulimoodu Residency	Ward No.81	TMC	YES	16.05.2019
54	Mathruboomi Road	Ward No.82	TMC	YES	16.05.2019
55	Tutors Lane, GPO Ln	Ward No.82	TMC	YES	16.05.2019
56	Uppalam Road	Ward No.82	TMC	YES	16.05.2019
57	Ex.Mayor R.Balakrishnan Road	Ward No.82	TMC	YES	16.05.2019
58	Ex Mayor R Balakrishnan Nair Road	Ward No.82	TMC	YES	16.05.2019
59	Chirakkulam Road	Ward No.82	TMC	YES	16.05.2019
60	District Employment Excahnge Road	Ward No.82	TMC	YES	16.05.2019
61	Uppalam GPO Lane Road	Ward No.82	TMC	YES	16.05.2019
62	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

MONTHLY PROGRESS REPORT- MAY 2020 Smart City Thiruvananthapuram

Status of NoCs for ADAPTIVE TRAFFIC CONTROL SYSTEM (ATCS) in ABD area (as on 31st May 2020)

S.N	Locations	Ward Number	Department	Status of NOC	Remarks
1	Medical College Jn	Ward Number 17	KRFB,PWD,KERALA POLICE	YES ; FROM POLICE DEPARTMENT (23.09.2019)	Pending from other departments
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	Edappazhinji Jn	Ward Number 29,22			

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 May 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 May 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	Abhijith	Project Manager	Kerala State Agri Horticultural Development Co-operative Society
16	Afsal	Assistant Engineer	KSEB
17	Aisha Becker	Councillor	Palayam Ward Concillor
18	Ajayakumar S	AEE	KSEB
19	Ajith	Chief Engineer (Vigilance)	Kerala Public Works Department (KPWD)
20	Ajith	Chief Engineer	Thiruvananthapuram Development Authority (TRIDA)
21	Ajith Jose	AE, Palayam Section	Kerala Water Authority - Palayam Division
22	Ajith Kumar	Programme Director	ANERT
23	Ajith Ravindran	CE	TRIDA
24	Ajitha	Executive Engineer	KWA
25	Alangovan	TAC Member	Transport
26	Anand Jalakam	KWA consultants	ABD funded water supply project
27	Aneesh	AE	Irrigation Department
28	Anil Kumar	Exec. Director	Kerala State Road Transport Corporation (KSRTC)
29	Anil Kumar	ACP - (North)	Kerala Police Department
30	Anita Deepti	Nodal Officer	ICDS - Women & Child Development Department
31	Anitha Puthiyapurayil	EE	KWA
32	Anisha Thomas	AE	PWD
33	Anish Kumar	Chief Engineer (Projects)	Habitat
34	Anju W C	Deputy Town Planner	RTP, DTCP
35	Anoop	A.E (Kuriathy)	Kerala Water Authority (KWA)
36	Anoop	Administrative In Charge	University library
37	Anoop Roy	Health Inspector	Thiruvananthapuram Municipal Corporation (TMC)
38	Arun Chandran	Scientist	National Transportation Planning And Research Centre
39	Asha	Executive Engineer, REES	Kerala State Electricity Board (KSEB)
40	Asha Rani	Deputy Electrical Inspector	Electrical Inspectorate, Trivandrum
41	Ashokan PU	Librarian	State Central Library
42	B. Ganesh		Sieger Parking
43	Babu	Ward Councillor	Vanchiyoor
44	Beena	CE	PWD
45	Bhoopesh	Conservation Engineer	Kerala State Archelogy Department
46	Bijish Ben	P.S to Commissioner	Central Excise & Customs Commissionerate

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

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

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

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

Sn	Name	Designation	Department
249	Suresh Kumar	General Manager	Kerala State Coastal Area Development Corporation Ltd (KSCADC)
250	Susan	Deputy Chief Engineer	KSEBL South Division
251	T.K. Jose	Additional Chief Secretary	LSGD
252	Teena Bhaskar		Department of Tourism
253	Thankappan	Chief Engineer	Environmental Sensor (PAN City Project)
254	Thomas Isaac N	Board Secretary	KWA
255	Unni	EE	TMC-Major Irrigation
256	Unnikrishnan	AE	TMC
257	Unnikrishnan Nair	Superintending Engineer	PWD - Roads and Bridges Division
258	V Gopalakrishna Pillai	GM	KRFB
259	V Ratheeshan IAS	Executive Officer and Member Secretary	Sree Padmanabhaswamy Temple
260	V V Thomas	SE	PWD
261	V.K Joseph	Chief Engineer	KSEBL
262	Vasa T.	AEE	KSEB
263	Venugopal	Junior Engineer	District Employment Exchange
264	Venugopal	DGM	KSRTC
265	Vidya	Overseer	TMC
266	Vijay Kumar	DE, SDF, Electrical	DRM Office
267	Vijaya Lakshmi	Principal (HoD)	Government College for Women
268	Vijayalekshmi	Thampanoor Ward Councillor	Thampanoor Ward Councillor
269	Vimal K V	Assistant Engineer Contonement Section	KSEB
270	Vineeth	Engineer	KSEB
271	Vineeth V S	Field Engineer	KRFB
272	Vinod	Junior Health Inspector	Thiruvananthapuram Municipal Corporation
273	Vipin	AE, South Section	KWA- Palayam Division- Sub Division Chalai
274	Vishnu	Head Master	Thampanoor U.P. School
275	Vishnu	AEE (Operation)	Kerala Water Authority (KWA)
276		Director	TRIDA
277		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 May 2020

SN	Date	Stakeholder/ Designation	Name of Contact	Project / Key Agenda	PMC Team Member
1	11 May 2020	SCTL- Assistant Manager (Civil)	Anthony TM	Drinking Water Fountain	Anie Justus, Vishnu
2	11 May 2020	Kerala State Agri Horticultural Development Co-operative Society Project Manger, Project Engineer	Mr.Abhijith, Mr.Govind S Kumar	Linked Green Activity Zones and Pedestrian Streets (Ponnara Sreedhar Park)	Karthika, Anooj, Kiran

SN	Date	Stakeholder/ Designation	Name of Contact	Project / Key Agenda	PMC Team Member
3	12 May 2020	TMC-EE	Mr.Rajesh	Integrated Social Housing Complex - Slum HHs,Centralised Command Control Center	Shameena,Kartika
4	13 May 2020	KSEB-AEE	Mr Ajayakumar	Underground Ducting of Utilities	Nithin,Sabin
5	14 May 2020	SCTL - AM(Civil)	Anthony TM	Redevelopment of Public Toilet	Shameena,Vishnu
6	14 May 2020	TMC-EE	Mr.Rajesh	Integrated Social Housing Complex - Slum HHs,Centralised Command Control Center	Shameena,Kartika
7	17 May 2020	SCTL-CEO	Shri P Balakiran	OAT at Putharikandom Maidanam	Anie Justus, Shameena, Jamal
8	18 May 2020	SCTL-GM	Dr Sanoop Gopikrishna	MLCPS Cum Commercial Complexes	Abraham, Anie Justus, Shameena,Kartika,Jamal
9	21 May 2020	SCTL-CEO	Shri P Balakiran	Underground Ducting of Utilities	Sindhu,Sabin,Jamal
10	21 May 2020	TMC-EE	Mr.Rajesh	Integrated Social Housing Complex - Slum HHs	Shameena
11	22 May 2020	TMC-EE	Mr.Rajesh	MLCPS Cum Commercial Complexes	Abraham
12	22 May 2020	Minor Irrigation - EE	Maju Balakrishnan	MLCPS Cum Commercial Complexes	Abraham
13	25 May 2020	TS Committee	TS Committee	Centralised Command Control Center	Abraham,Shameena
14	26 May 2020	SCTL-AM (Civil)	Anthony TM	Linked Green Activity Zones and Pedestrian Streets (Ponnara Sreedhar Park)	Kiran,Anooj
15	27 May 2020	KRFB - Engineer	Mr.Vineeth	MLCPs Cum Commercial Complexes	Nithin,Abraham
16	27 May 2020	SCTL-GM(Operations)	Dr Sanoop Gopikrishna	Project Review Meeting	Vishnu,Shameena,Jamal,Sabin,Anooj,Alagar
17	27 May 2020	PWD -AE	Ms.Anisha Thomas	Underground Ducting of Utilities	Satheesh,P Sreekumaran Nair,Sindhu
18	29 May 2020	TRIDA -Dy Planner, Assistant Dy Planner	Mr.Pradeep, Ms.Deepa	Underground Ducting of Utilities	Alagarswamy

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 along 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 May 2020

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

S. N	Date	PMC Team	Site visit locations	Project Name
1	05-05-2020	Anooj,Satheesh,Premlal	East Fort	Integrated Transit Node - East Fort
2	05-05-2020	Satheesh,Premlal	East Fort	Renovation of Shri Anantha Padmanabhaswamy Temple Precinct
3	11-05-2020	Krishna Kurup, Vishnu, Anthony TM, Sam Panicker	Gandhi Park	Interactive Information Kiosks and Display Boards
4	11-05-2020	Krishna Kurup, Vishnu, Anthony TM, Sam Panicker	Gandhi Park	Interactive Information Kiosks and Display Boards

S. N	Date	PMC Team	Site visit locations	Project Name
5	13-05-2020	Vishnu	Killipalam	Redesign of Bus Stops with Wi-Fi Hotspot Facilities
6	13-05-2020	Vishnu	Thampanoor	Redesign of Bus Stops with Wi-Fi Hotspot Facilities
7	14-05-2020	Vishnu	New Theater	Redevelopment of Public Toilet
8	20-05-2020	Shameena,Anooj,Vishnu,Abr aham, Anthony TM	Thampanoor	MLCPs cum Commercial Complexes
9	25-05-2020	Vishnu	Killipalam	Redesign of Bus Stops with Wi-Fi Hotspot Facilities
10	26-05-2020	Vishnu, Sabin, Alagarswamy,Kiran, Anthony TM,Gayathri Gopinath	Women's College	Redesign of Bus Stops with Wi-Fi Hotspot Facilities
11	26-05-2020	Vishnu, Sabin, Alagarswamy,Kiran, Anthony TM,Gayathri Gopinath	Killipalam Location 1 and 2	Redesign of Bus Stops with Wi-Fi Hotspot Facilities
12	26-05-2020	Vishnu, Sabin, Alagarswamy,Kiran, Anthony TM,Gayathri Gopinath	Thampanoor	Redesign of Bus Stops with Wi-Fi Hotspot Facilities
13	26-05-2020	Vishnu, Sabin, Alagarswamy,Kiran, Anthony TM,Gayathri Gopinath	Annie Mascrene Jn	Redesign of Bus Stops with Wi-Fi Hotspot Facilities
14	26-05-2020	Vishnu,Remi Krishna,Sabin,Abraham, Gaya thri Gopinath,Vasudev	Water Kiosk Locations	Drinking Water Fountain
15	27-05-2020	Vishnu,Shameena, Gayathri Gopinath	Padmanabha Theater	Redevelopment of Public Toilet
16	27-05-2020	Vishnu,Shameena, Gayathri Gopinath	East Fort	Redevelopment of Public Toilet
17	27-05-2020	Satheesh,Sindhu,P Sreekumaran Nair	Thycaud	Unddrground Ducting of Utilities
18	28-05-2020	Vishnu,Shameena,Abraham, Krishna Kurup,Jamal,Nithin, Anthony TM,Gayathri Gopinath,Jerry Jose	Thampanoor	MLCPs cum Commercial Complexes
19	28-05-2020	Vishnu,Jamal,Shameena	Killipalam	Redesign of Bus Stops with Wi-Fi Hotspot Facilities
20	28-05-2020	Vishnu,Jamal,Shameena	Thampanoor	Redesign of Bus Stops with Wi-Fi Hotspot Facilities

Colours denote Joint Site visit

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





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

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

S.N	Project Name	Stretch Name / Location	Survey Date	Description of Survey
1	No Survey Conducted.			

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 May 2020 from stakeholders and others:

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

S.N	Date	Stakeholders/ Designation	Project	Data Collected list
1	26 May 2020	Internal	General	National Building Code 2016 - Part 4 Fire and Life Safety Bureau of Indian Standards

11 TEAM MOBILISATION:

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

Table 17: Team Mobilisation till 31st May 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	01-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
			Alok Sharma	13-Aug-18
7	Key Professional / Input Based	e-Governance/-ICT Specialist	Diwakar Singh	03-Jan-19
			Alok Kumar	25-Feb-19
			Ahmed Kabeer	13-Jun-18
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
			Sauhard Sanghi	18-Jun-18
14	Key Professional / Input Based	Support Engineer (IT)	Kunal Goswami	20-May-19
			Nilanjan Mitra	03-Dec-18
15	Key Professional / Input Based	Finance Officer	Dinesh Sharma	16-Aug-18
			Anie Justus	23-Jan-19
16	Support Team / Input Based	Construction Manager	Sabin V. S	22-Oct-18
17	Support Team / Input Based	Assistant Construction Manager	Swati Dixit	18-Dec-18
18	Support Team / Input Based	Landscape Architect	Karthika K.N.	23-Jan-19
19	Support Team / Input Based	Engineering Associate (Infra)	A. Esakkiappan	14-Aug-18
20	Support Team / Input Based	Engineering Associate (Infra)	Saina Narayanan	20-Dec-18
			Abhishek R Sharma	01-Jan-20
21	Support Team / Input Based	Engineering Associate (IT)	Imran Basha	22-May-18
			Pournami Narayanan	20-Dec-19
22	Other Staff / Input Based	Urban Planner (Project Manager)	Imran Basha	22-May-18
		Urban Planner	Pournami Narayanan	20-Dec-19

S No	Type	Designation	Team Member	Mobilization Date
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.

ANNEXURE

**Smart City Thiruvananthapuram Limited
PMC Attendance Tracker - May 2020**

Sl.No	Designation (as per RFP)	Original Proposed CV	Replaced CV	Mobilisation Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total Working Days		
TASK 1 & 3: CORE TEAM FOR PROJECT MANAGEMENT																																						
1	Team Leader/Urban Management Specialist	Harshad Dhande	Jamal Abdul Rasheed	06-Sep-18											1	1	1	1	1																	14		
2	Dy Team Leader & Construction Manager	Gopesh Shrivastava (25/Jul/2019)	Anil Kumar Sharma	01-Jul-19																																	0	
3	Infrastructure Specialist	VA Ruthramurthy	P Sreekumar Nair	23-Jan-19				1	1	1	1	1			1	1	1	1	1																		20	
4	Procurement/Legal Expert	Amitava Basu Sarkar (21/Jul/2018)	Rajeev Sharma	16-Jan-19																																0		
5	Transport Planner	Arun Savi (13/Jun/2018)	Ravi Nadwana	25-Feb-19																																0		
6	Urban Designer	Soumi Nandi	Pallabi Gupta Roy	25-Feb-19																																0		
7	E Governance/ICT Specialist	Alok Sharma (13/Aug/2018)/Diwakar Singh (3/Jan/2019)	Alok Kumar	25-Feb-19																																0		
8	Energy Management Specialist	Ahamed Kabeer	NA	13-Jun-18																																0		
9	Documentation/ Knowledge Management Specialist	Daljeet Kaur	Ranabir Dey	03-Jul-18																																0		
10	Social Development Specialist	K Baskaran	Satheesh Chandran	03-Jan-19				1	1	1	1	1					1	1	1	1																	18	
11	Associate Engineer (Infrastructure)	AR Alagarswamy	NA	14-Sep-18				1	1	1	1	1			1	1	1	1	1																		20	
12	Associate Engineer (Infrastructure)	Muthuswamy	Sindhu K V	10-Oct-18				1	1	1	1	1			1	1	1	1	1																		20	
13	Associate Engineer (Infrastructure)	Praseeth VKB	Shameena A	16-Jan-19													1	1	1	1																	14	
14	Support Engineer (IT)	Sauhard Sanghi (18/Jun/18 - 19/May/2019)	Kunal Goswami (20/05/2019)	18-Jun-18																																0		
15	Finance Officer	Deepak Mohan Rajamohan	Nilanjan Mitra	03-Dec-18																																0		
TASK 1.3 : SUPPORT STAFF																																						
1	Construction Manager	Dinesh Sharma	Anie Justus	23-Jan-19				1	1	1	1	1			1	1	1	1	1																		20	
2	Assistant Construction Manager	Amresh Gondli	Sabin V S	22-Oct-18				1	1	1	1	1			1	1	1	1	1																		18	
3	Landscape Architect	Swathi	NA	18-Dec-18																																	0	
4	Engineering Associate (Infrastructure)	Jayashree Nandi	Karthika K N	23-Jan-19											1	1	1	1	1																	17		
5	Engineering Associate (Infrastructure)	Rajesh Bhowmick	Esakkiappan	14-Aug-18																																	0	
6	Engineering Associate (IT)	Ranjan Shrivastava/ Saina Narayanan (12/20/2018)	Abhishek R Sharma	20-Jan-20																																	0	
TASK 1.3 : Other Staff																																						
1	Urban Planner	Imran Basha Soudagar(22/05/2018-30/Sep-2019) Pournami Narayanan(30 Apr 2020)	Kiranchand (12/05/2020)	20-Dec-19											1	1	1																			13		
2	Associate Engineers	Shilpa	NA	13-Aug-18																																	0	
3	Surveyors	Joseph George	NA	01-Aug-18													1	1																			12	
Task 2: Project Design and Development Team																																						
1	Urban Planner	Bhuvanewaran S	Kiranchand	21-Jan-19				1	1	1	1	1			1																						6	
2	Landscape Architect	Priyanka Gupta																																			0	
3	ICT System Solutions	Santosh Behar/ K V Reddy (9/24/2018) Abhishek R Sharma (15/7/2019-20/1/2020)																																			0	
4	Water Supply Expert	Ankit Jain																																			0	
5	Solid Waste Management Expert	Dr. Bharat Bhushan Nagar	NO	20-Jun-18																																	0	
6	Transportation Planner / Engineer	Jaffer Sharieff	NO	28-Jun-18																																	0	
7	Solar Energy/ Renewable Energy Expert	R Selvan																																			0	
8	Electrical Engineering Expert	Damodar Pai																																			0	
9	Affordable Housing Expert	Deepak Hurali																																			0	
10	Environment Management expert	Anand Srivastava																																			0	
11	Transaction Advisor for PPP Projects	Pramesh Sharma/Rajeev Sharma (23/Sep/2018)																																			0	
12	Structural Engineer	Manvendra Nigam																																			0	
13	GIS & Remote Sensing Expert	Rajeev Ranjan/Sandeep Lama (23/Jun-2018)																																			0	
14	Heritage conservation expert	Kavita Jain	Nilan Cooray	21-Nov-18																																	0	
15	Cost Accountant	Rahul Agarwal																																			0	
16	Sewerage & Drainage Expert	Ashok Taral																																			0	
17	Disaster Management Expert	Rajeev Choubey																																			0	
18	Horticulture Specialist	Priyayoti Mukherjee																																			0	
19	Utility Engineer	Shiv Pujari/Shameena (02-July-2018)																																			0	
20	Information Security Systems Expert	Gaurav Sharma																																			0	
21	Application Analyst	Abhishek Kumar	Pradeep Singh Uppal	30-Apr-19																																	0	
22	Networking & IT Infrastructure Specialist	Anand Bhattacharjee																																			0	
TASK 2 : Support Staff																																						
1	Urban Planner	Sushmitha Ramoji (22/Oct/2018-30/Sep/2019)	Pournami Narayanan	04-Nov-19																																	0	
2	Associate Engineer	Vishnu Gopal	NA	05-Mar-19				1	1	1	1	1			1	1	1	1	1																			20
3	Surveyors	Saliya Mol	NA	29-Sep-18																																		10
Additional Resources																																						
1	Project Associate	Praseeda M (22/Oct/2019)	NA	22/10/2018																																	0	
2	Associate Architect	Asish De	NA	25-May-18																																	0	
3	Office Manager	Raj Narayanan	NA	01-Aug-18				1	1	1	1	1			1	1	1	1	1																		20	
4	MIS Specialist	Pratip Ghosh	NA	06-Jul-18																																	0	
5	Associate Architect	Malavika (20-Jul-2018)	Manisha Reddy	01-Mar-19																																	0	
6	Draughtsman	Anitha R	NA	29-Aug-18				1	1	1	1	1			1																						19	
7	Urban Designer	Abraham Joseph	NA	27-Sep-18				1	1		1	1			1	1	1	1	1																		19	
8	Associate	Meenakshi	NA	01-Dec-18											1	1	1	1	1																		14	
9	Draughtsman	Sreekumar A	NA	03-Dec-18				1	1	1	1	1			1	1	1	1	1																		17.5	
10	Urban Designer	Sudeshna	NA	10-Dec-18																																	0	
11	Structural Draughtsman	Rakesh	NA	05-Feb-19				1	1	1	1	1			1	1	1	1	1																		20	
12	SWM Team	Lekha Thakar	NA	26-Nov-18																																		

