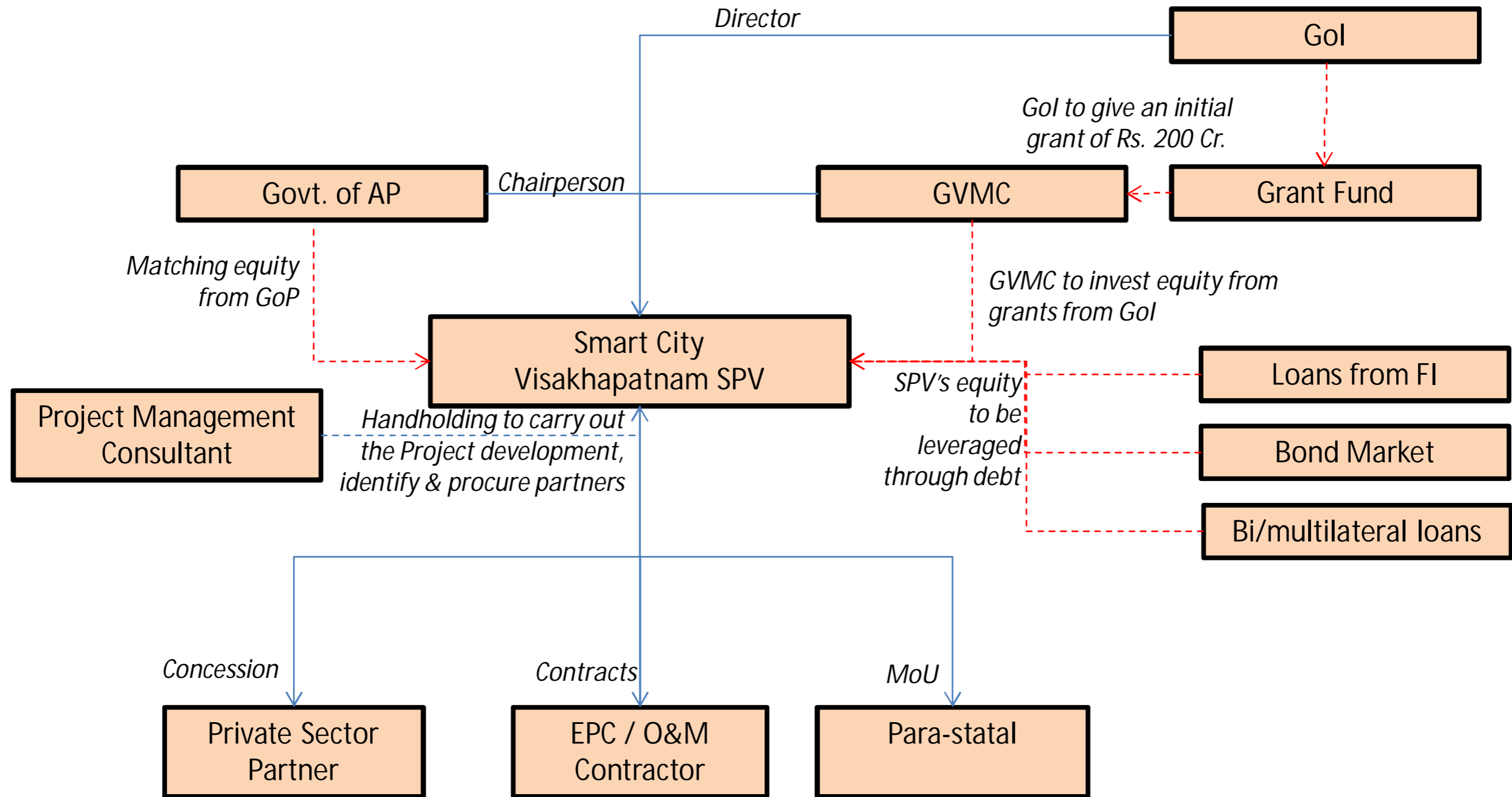


Proposals			Long Term																																																											
			Medium Term																																																											
			Short Term																																																											
			2016												2017												2018												2019												2020											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AREA WIDE PROPOSALS																																																														
A	Footpaths Development																																																													
	Footpath	89, 500 SQ.M Footpath construction																																																												
B	Water Supply (24x7)																																																													
	Network of uncovered area 8km&																																																													
	Ensuring 24x7 water supply & revenue																																																													
		Replacement of 25% pipelines																																																												
		Self-actualized valves																																																												
		Dismantling & restoration of roads																																																												
		SCADA																																																												
		Smart Metering for Water Consumption																																																												
C	Sewage (UGD)																																																													
	Coverage of Jalaripeta	22km sewer line																																																												
	Pumping main & pumping station																																																													
	Improvements to pump-houses	2 Nos pump houses																																																												
	Improvement to 25 MLD STP	Including SCADA & monitoring																																																												
D	Recycle Water Supply Network																																																													
	Network Development																																																													
E	Storm water Drains Network																																																													
	Network - Civil work development																																																													
F	Road side Drains																																																													
	Network - Civil work development																																																													
G	Waste Management																																																													
	Awareness Programme																																																													
	Equipment & Manpower	Road sweeping machine																																																												
H	Open Greens & Landscape																																																													
	Green spaces, landscaping, plantation	(Hardscape, Soft scape, Signage & Furniture)																																																												
I	Power																																																													
	Under Ground Cabling																																																													
J	Transport - Non Motorised																																																													
	Public Bike Sharing	Bike Charging kiosks																																																												
K	Environment																																																													
	Monitoring	Pollution Monitoring Equipment's																																																												
L	Solar Energy																																																													
	Solar Panels	Roof top mounted																																																												
M	Public Toilets																																																													
	Modern Solar Powered Toilets	12 Nos with 10 seats each																																																												
N	Community Toilets																																																													
	Slums Locations	Community Toilets in slum locations																																																												
O	Parking																																																													
	Multi-level Parking	Integrated Multi-level parking with Commercial use																																																												
P	Refurbishing Rajeev Memorial																																																													
	Upgrading Building Infrastructure	Installing Roof top solar																																																												
Q	Power																																																													
	Smart Metering	Upgrading the electricity meters																																																												
R	Shore Protection																																																													
	Beach Road																																																													
S	Transport																																																													
	Smart Signalling	Traffic surveillance and command centre																																																												
T	Education																																																													
	Science Labs	GVMS Schools - upgrading / new science labs																																																												
U	Housing																																																													
	Housing for all	1130 Units for																																																												
V	Power																																																													
	Solar City Fund																																																													
W	Landscape																																																													
	Beach Beautification																																																													
X	Landscape																																																													
	VUDA Park retrofitting																																																													
Y	Transport																																																													
	E-rickshaw																																																													
Z	Power																																																													
	Street Lighting																																																													
AA	ICT																																																													
	ICT Based Solution																																																													
PAN CITY PROPOSALS																																																														
A	Disaster Management and E-Governance																																																													

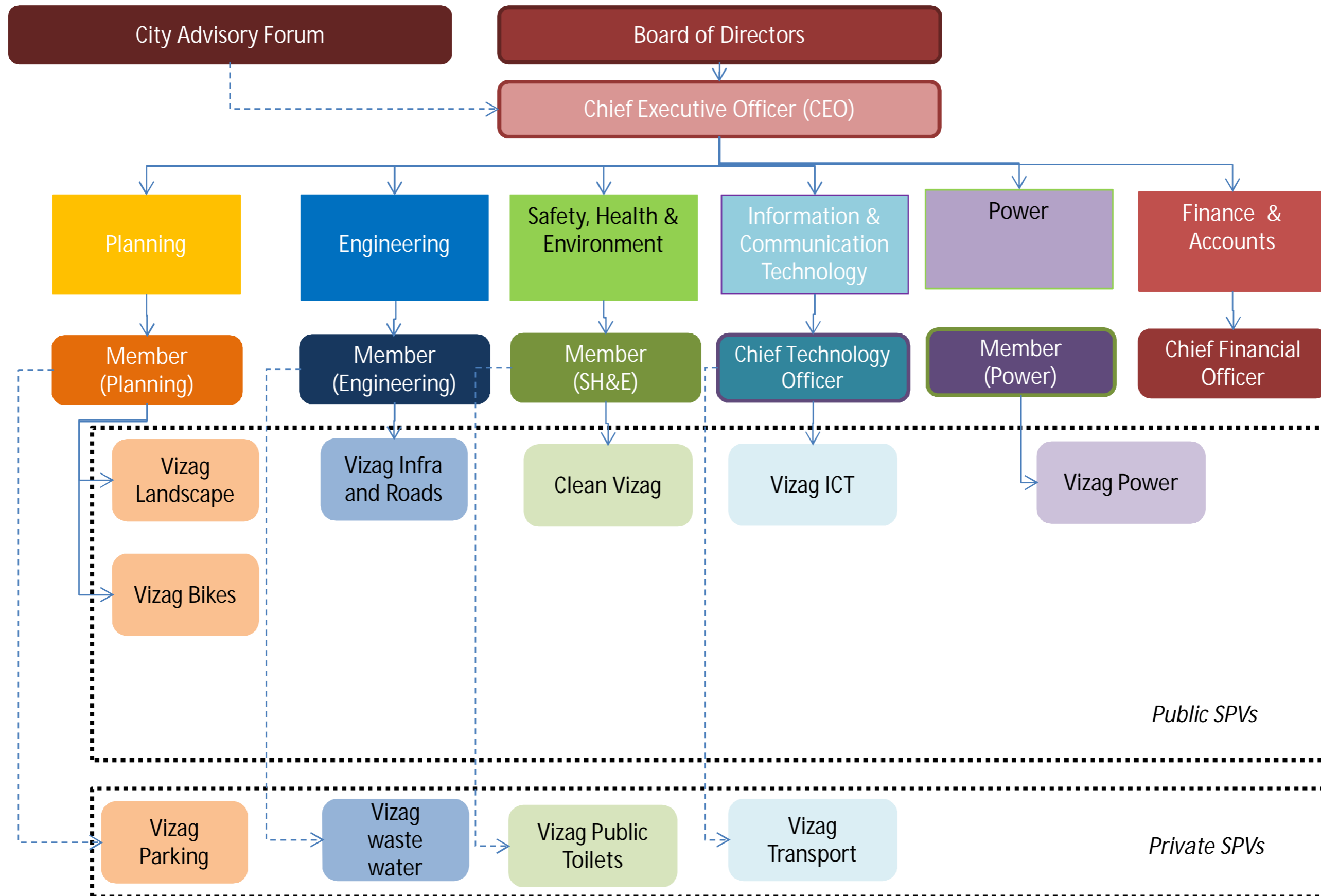
Structure of the SPV



—————> Flow of Authority
- - - - -> Flow of Funds

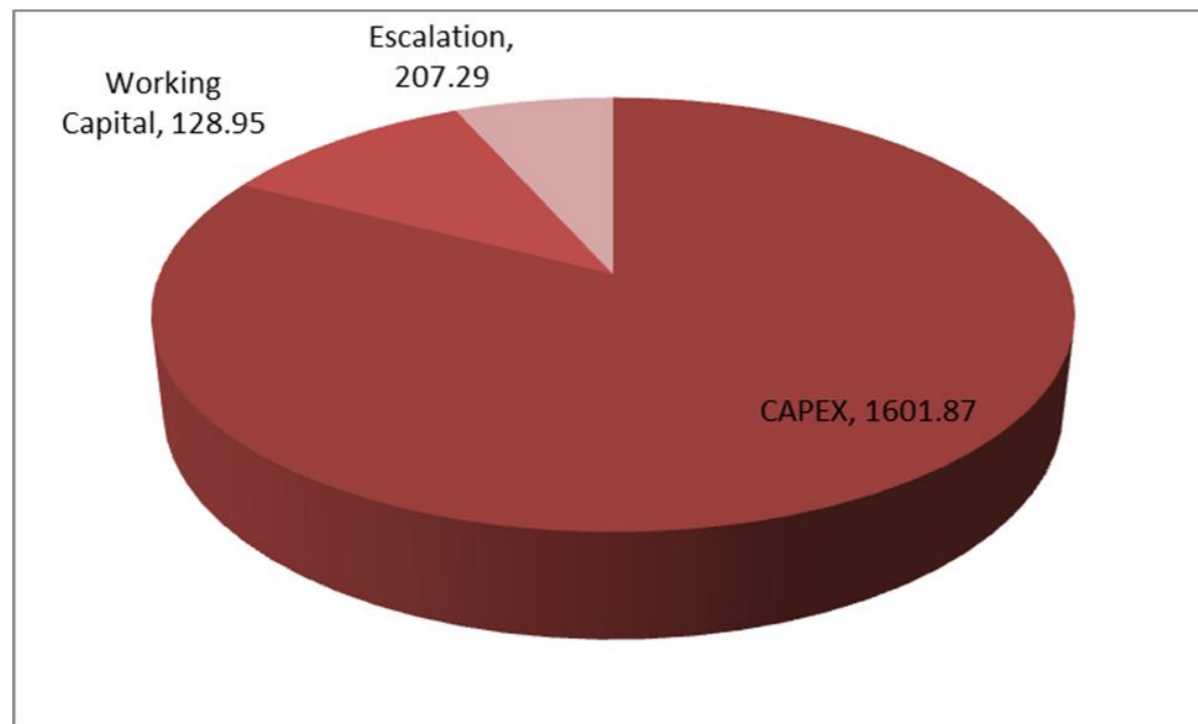
Institutional Arrangement for SPV

ANNEXURE 3
SHEET 3

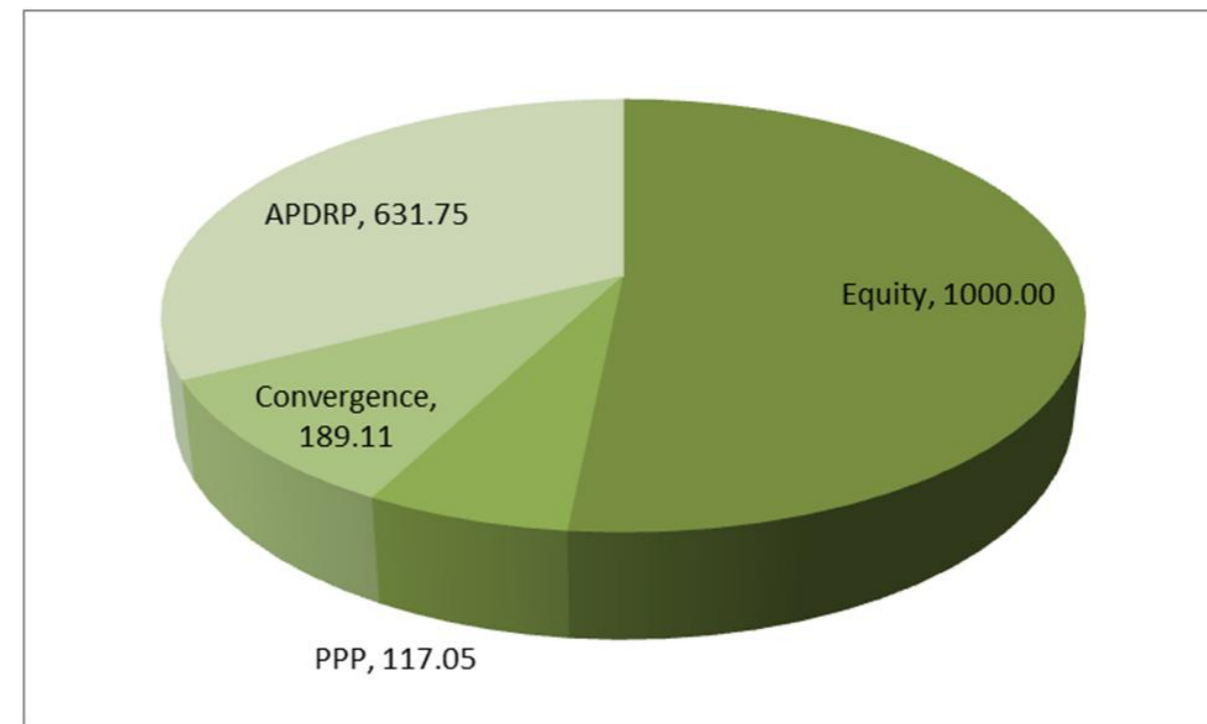


Sources and Application of Funds

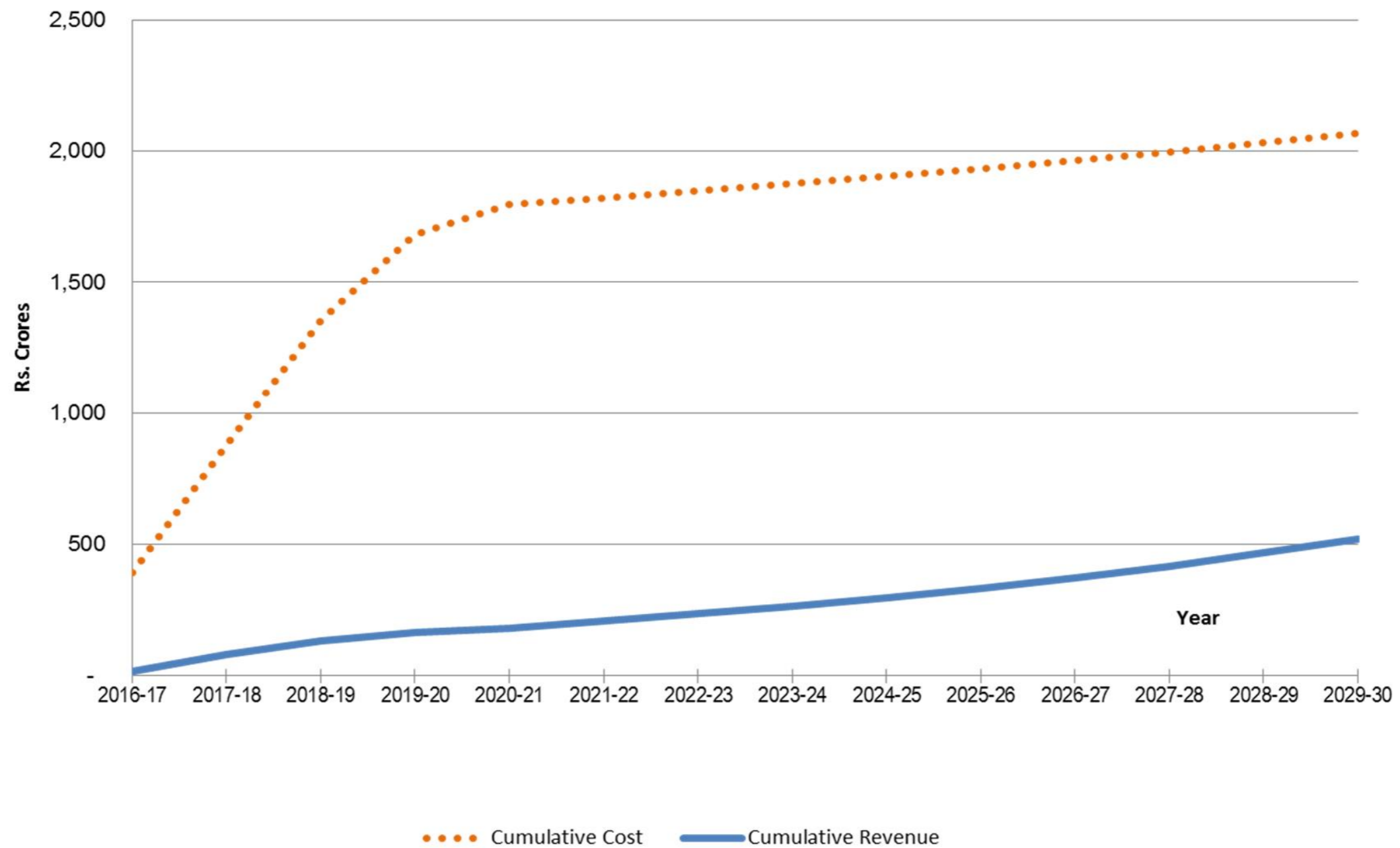
Application of Funds
Total - 1938.11 Cr



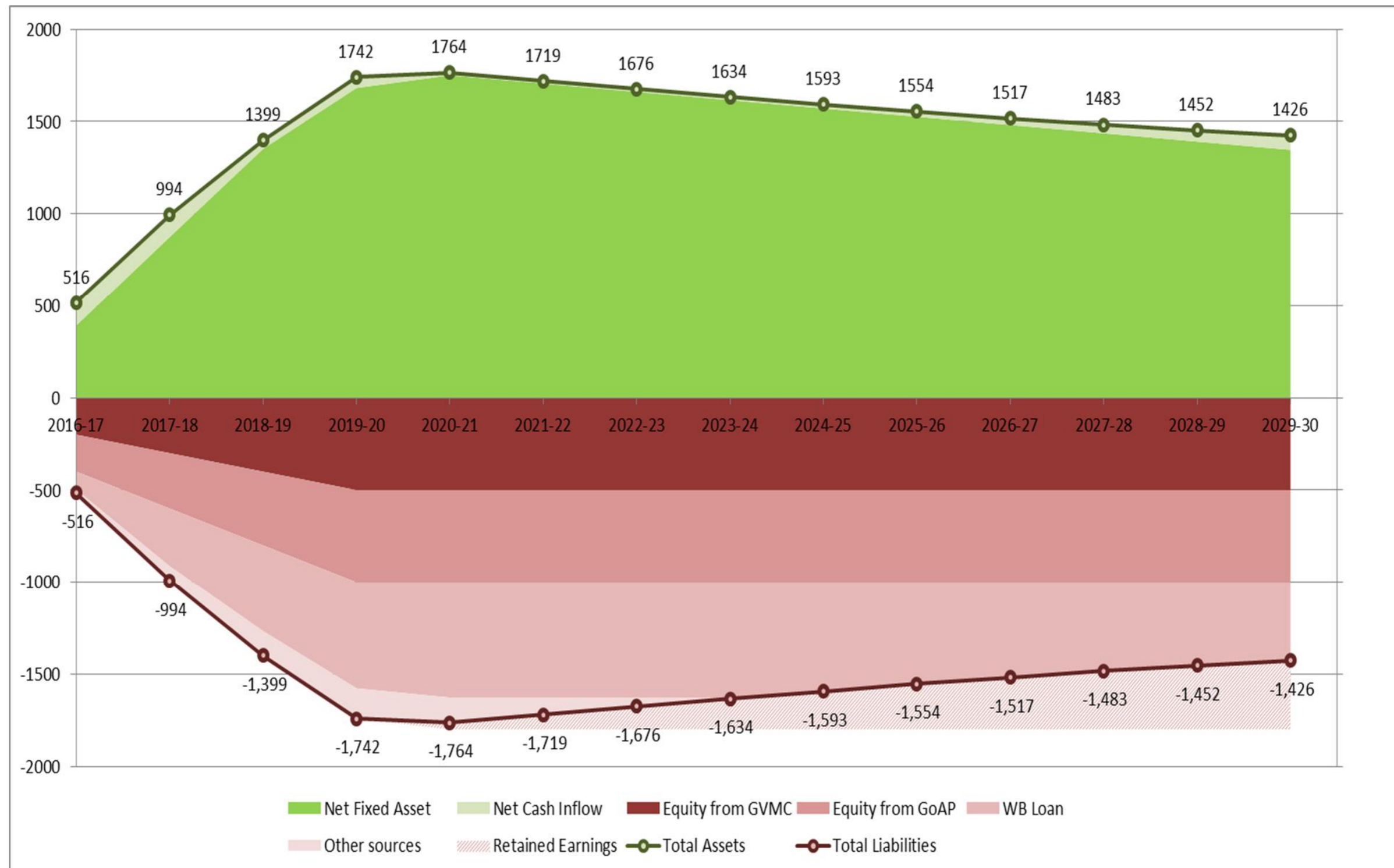
Sources of Funds
Total - 1938.11 Cr



Cumulative Cost and Revenue

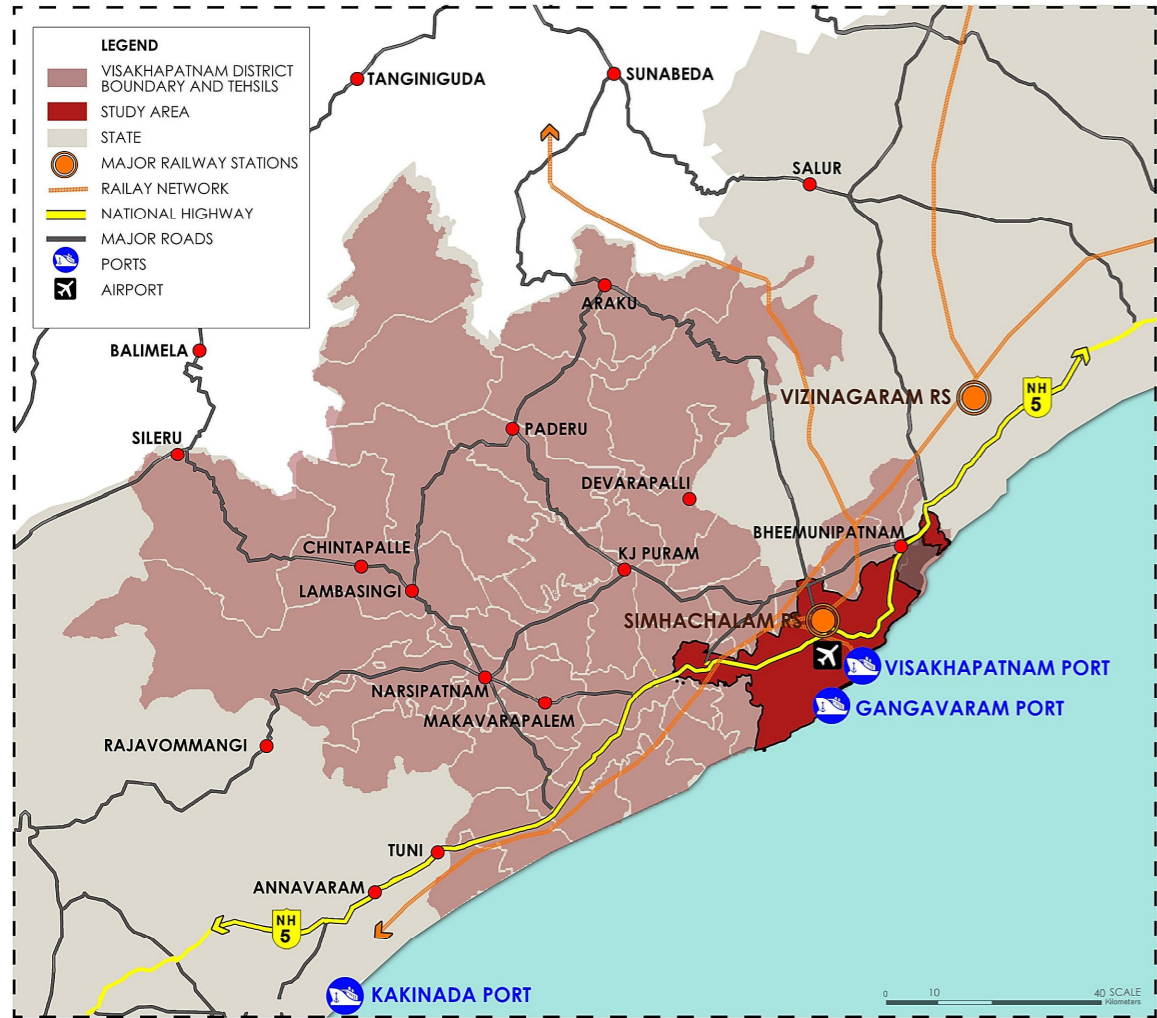


Balance Sheet

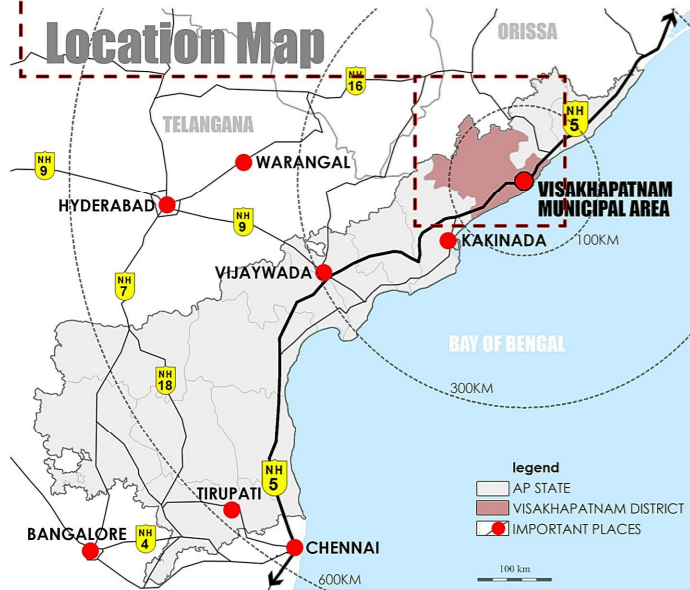


(All figures in Lakhs)

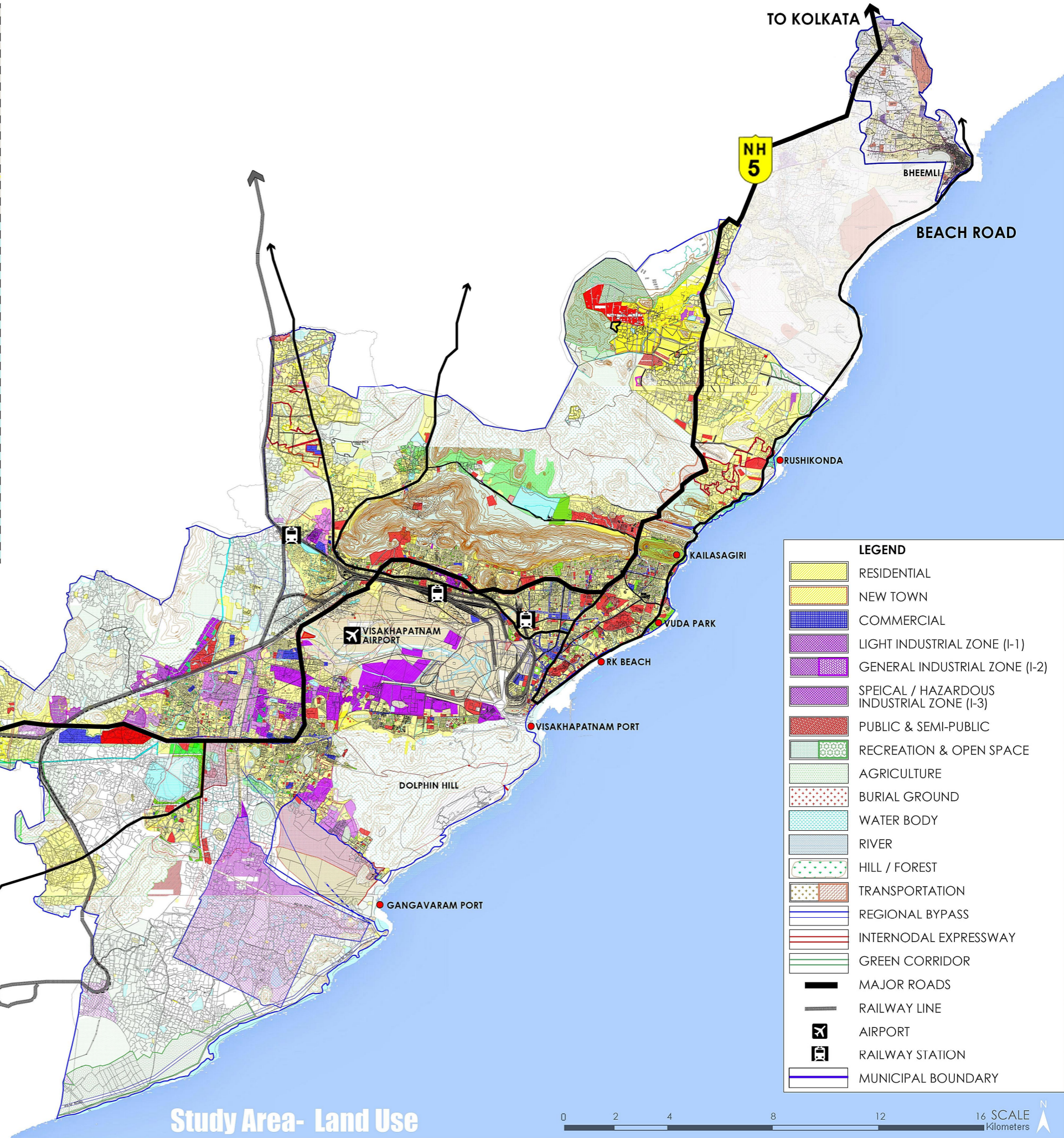
Project List	Cost of project	2016 - 17	2017-18	2018-19	2019-20	2020-21
1 Pan City Proposal (Disaster + E-Governance)	14,100	2,115	3,525	4,935	2,820	705
2 Footpaths	192	192	-	-	-	-
3 Water Supply (24x7)	2,869	508	965	960	436	-
a. Network of uncovered area 8km& replacement of damaged pipelines (3.15 km)	238	238	-	-	-	-
b. Ensuring 24x7 water supply & revenue improvement	2,631	270	965	960	436	-
I Replacement of 25% pipelines	112	28	44.80	39.20	-	-
II Self-actualized valves (10% cost of network)	45	9	18	18	-	-
III Dismantling & restoration of roads	252	-	84	84	84	-
IV SCADA	1,056	-	352	352	352	-
V Smart Metering for Water Consumption (@11,667 individual connections & 977 bulk connections & 3890 BPL connections)	1,166	233.20	466.40	466.40	-	-
4 Sewage (UGD)	2,500	400	1,000	900	200	-
Coverage of Jalaripeta - 22km sewer line	500	-	250	250	-	-
Pumping main & pumping station	900	-	450	450	-	-
Improvements to pump-houses (2 nos.)	200	200	-	-	-	-
Improvement to 25 MLD STP (Including SCADA & monitoring)	900	200	300	200	200	-
5 Recycle Water supply	6,250	-	3,125	3,125	-	-
6 Stormwater Drains	226	113	113	-	-	-
7 Roadside Drains	768	256	256	256	-	-
8 Waste Management	353	167	157	20	10	-
I Awareness Programme	100	40	30	20	10	-
II Equipment (Including road sweeping machine)& Manpower	253	127	127	-	-	-
9 Green spaces, landscaping, tree plantation etc. (Hardscape, Softscape, Signage & Furniture)	9,569	957	2,392	3,349	1,435	1,435
10 Underground Wiring	25,000	2,500	6,250	6,250	5,000	5,000
11 Transportation (Public Bike Sharing+Bike Charging Stations)	5,075	254	761	1,015	1,269	1,776
12 Pollution Monitoring Systems	138	138	-	-	-	-
13 Solar Roof Top	30,533	6,107	7,633	10,687	6,107	-
14 Public Toilets (12 nos. with 10 seats/Toilet with Solar roof top)	640	320	320	-	-	-
15 Community Toilets in slums	43	21	21	-	-	-
16. a Multi level Car Park with retail outlets on multiple Plots + Contingency @ 15% (4 Acres BUA @ 2 FSI & INR 11,000/Sq.m + 0.75 Acres BUA @ 1 FSI & INR 23,000/Sq.m) + Solar Rooftop	6,690	2,675.94	1,672.46	2,341	-	-
16. b Refurbishing of Rajeev Memorial + Solar Rooftop	944	142	472.15	331	-	-
17 Smart metering for Electricity	2,642	528.40	2,113.60	-	-	-
18 Shore Protection along Beach Road	12,500	3,125	6,250	3,125	-	-
19 Smart Signalling & Traffic surveillance + Command/Data Centre	1,200	600	600	-	-	-
20 Science Labs in GVMC Schools	550	193	138	165	55	-
22 Housing for all (1130 houses in the Area-3 @ 4.8 lakh per unit)	5,424	-	1,627	2,169.60	1,627.20	-
23 Solar City fund	50	20	30	-	-	-
24 Beach Beautification Project	24,000	3,600	8,400	6,000	6,000	-
25 Retrofitting of VUDA Park	1,200	600.00	600.00	-	-	-
26 Cost of E-Rickshaws @ 1.5 lakh each	230	-	115	115	-	-
28 Centrally controlled Monitoring System for Street Lighting	1,500	225	900	375	-	-
29 Area based ICT Solutions	5,000	1,000	1,000	1,000	2,000	-
30 Grand Total for Area-3 (In Lakhs)	1,60,187	26,756	50,437	47,118	26,959	8,917



Regional Map

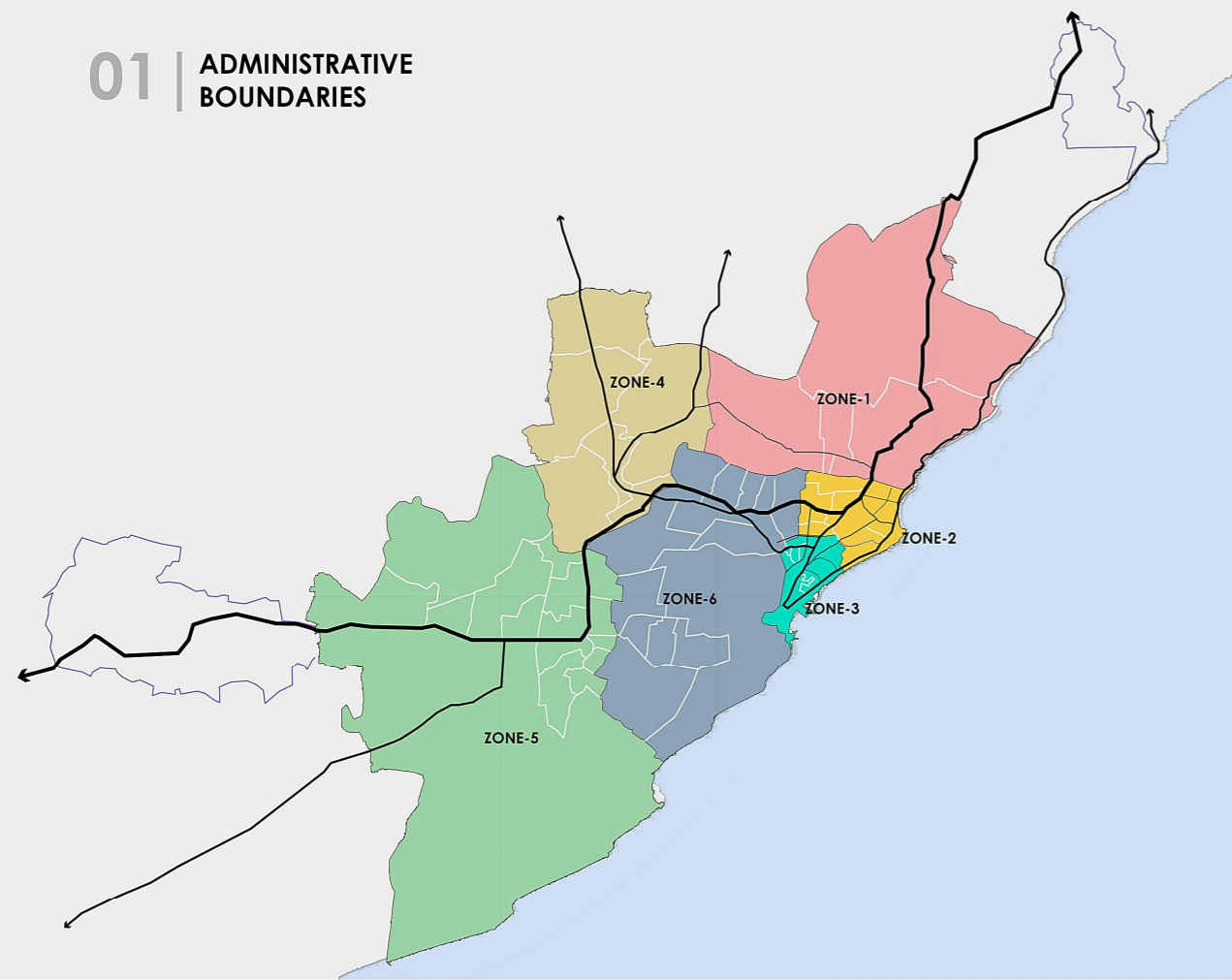


Location Map

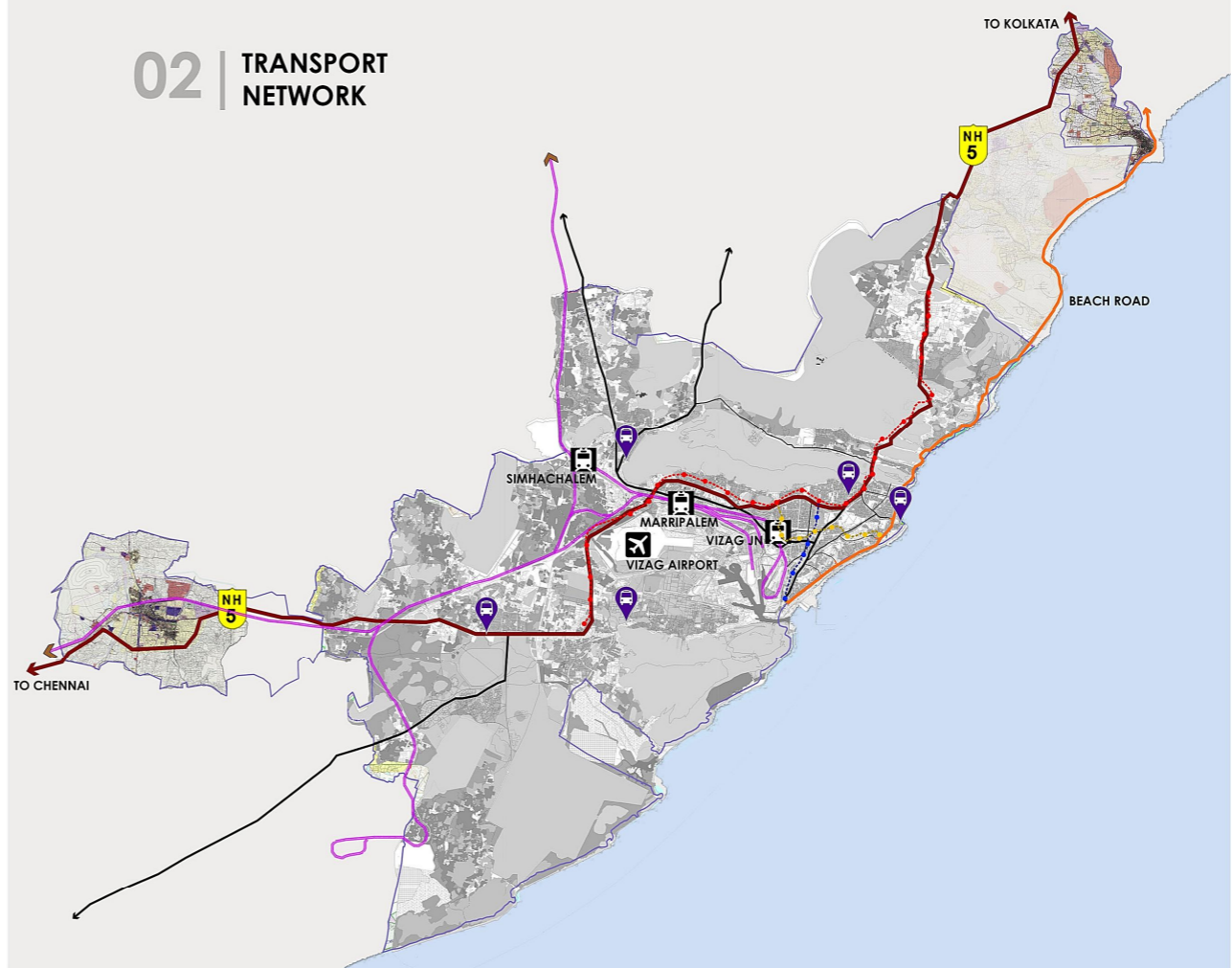


Study Area- Land Use

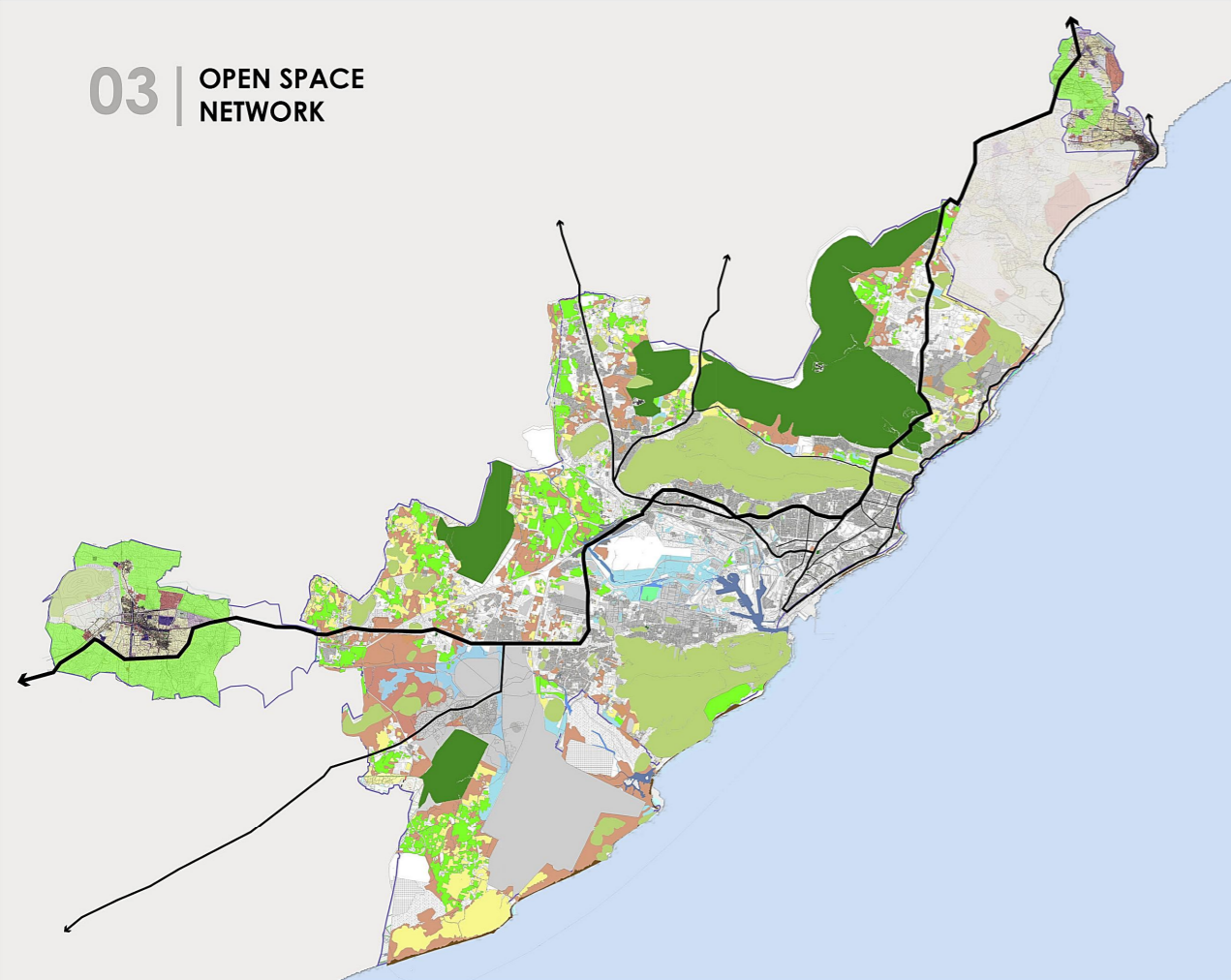
01 | ADMINISTRATIVE BOUNDARIES



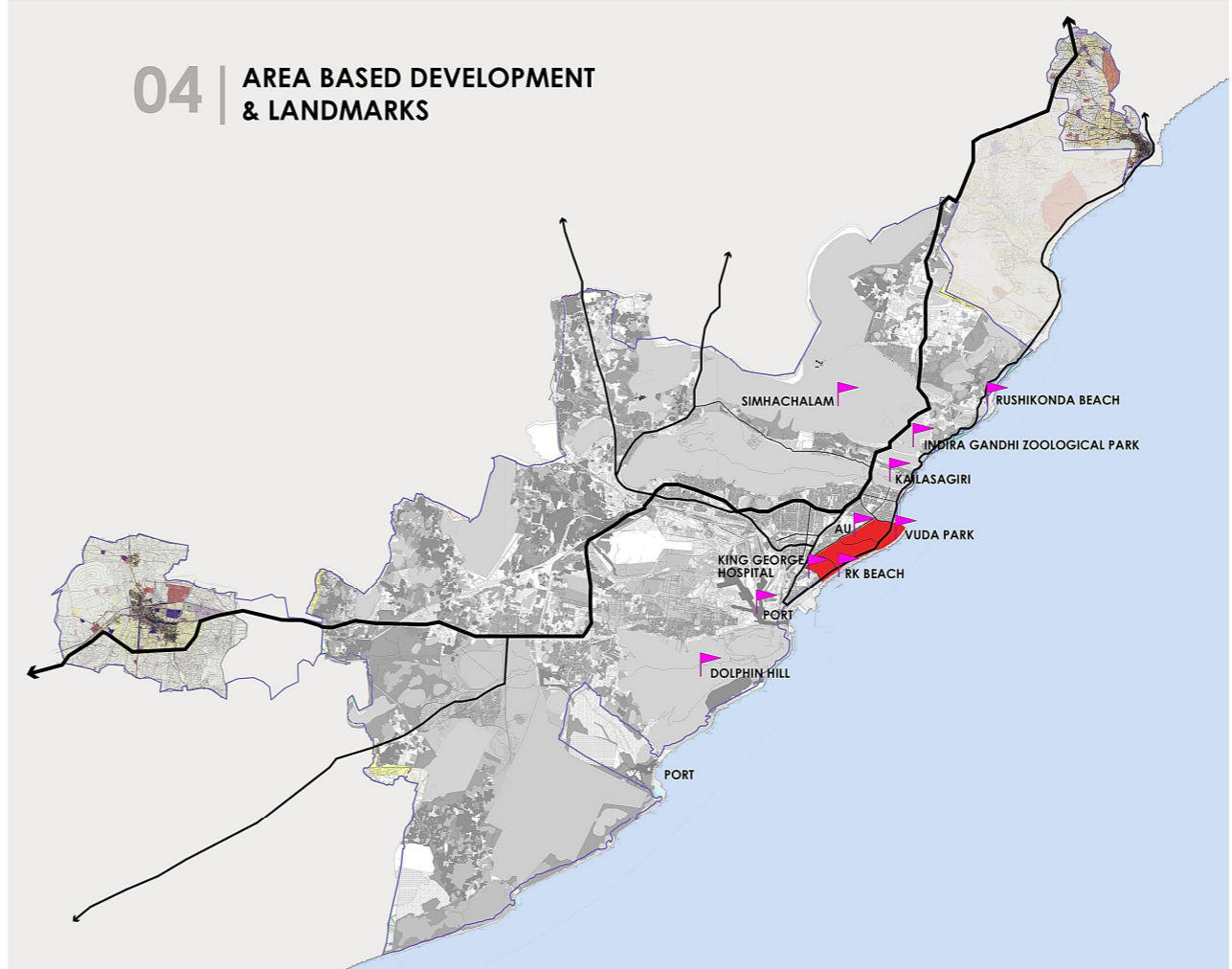
02 | TRANSPORT NETWORK



03 | OPEN SPACE NETWORK



04 | AREA BASED DEVELOPMENT & LANDMARKS



LEGEND

01 | Administrative Boundaries

- ZONE-1
- ZONE-2
- ZONE-3
- ZONE-4
- ZONE-5
- ZONE-6
- WARD BOUNDARIES

02 | Transport Network

- NATIONAL HIGHWAY
- BEACH ROAD
- RAILAY LINE
- MAJOR ROADS
- AIRPORT
- RAILWAY STATION
- BUS DEPOT
- METRO RED LINE (PROPOSED)
- METRO YELLOW LINE (PROPOSED)
- METRO BLUE LINE (PROPOSED)

03 | Open Space Network

- RESERVE FOREST
- HILL
- CULTIVATED LAND
- AQUA CULTURE
- CANAL , MAJOR STREAM & NALA
- PONDS
- BARREN LAND
- LAWN
- OPEN SCRUB
- PLANTATION ORCHARDS
- SALT PANES
- BEACH

04 | LANDMARKS

- AREA BASED DEVELOPMENT
- LANDMARKSA
- MUNICIPAL BOUNDARY



citizen engagement **activities**

Online

www.yourvoiceyourvizag.com/survey/questionnaire

MyGov.in "My Vizag of tomorrow" – a Vision statement competition

"My Top priority areas of improvement in Vizag" – A Poll

Facebook / Social Media

Mobile

Whatsapp + SMS messaging

Ward Level Surveys (door to door)

20 Tabs for online feedback at Ward level

Upto 10 Mobile Smart Vizag Booths vans all over the city

Local Students engaged as volunteers for Smart city Vizag

Ward Level surveys using questionnaire

Focus Groups

Sector Specific Focus group/Stakeholder meetings

Reach out/ Awareness Campaigns

Posters/Banners all over city – awareness

Daily Local cable, FM radio, cinema - awareness

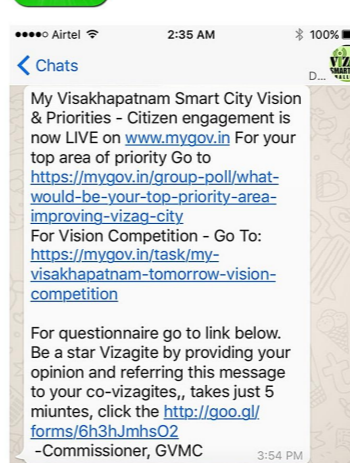
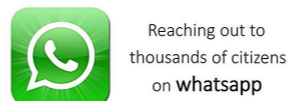
9 audio system mounted vans visited wards/public spaces



Reaching out through other mediums

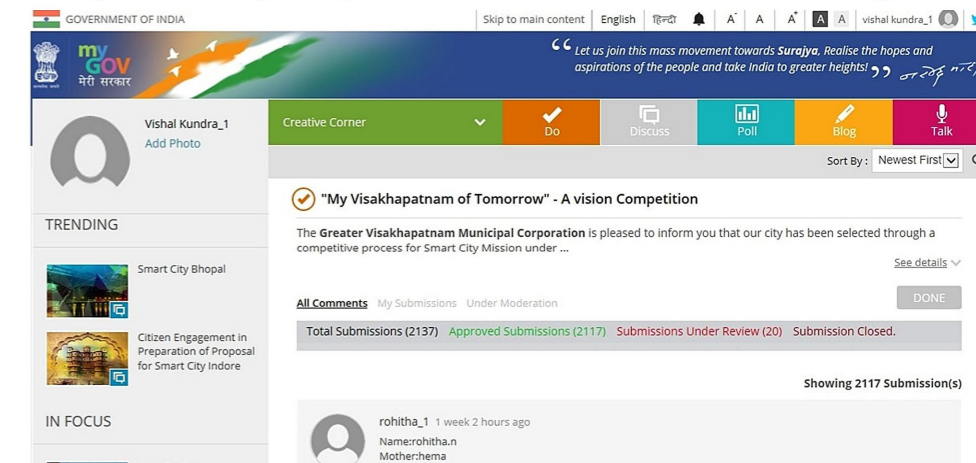
Vizag Smart City on Social Media

<https://www.facebook.com/gvmc.official> – Day to day updates and interaction with citizens



Interacting with citizens on MYGOV.IN

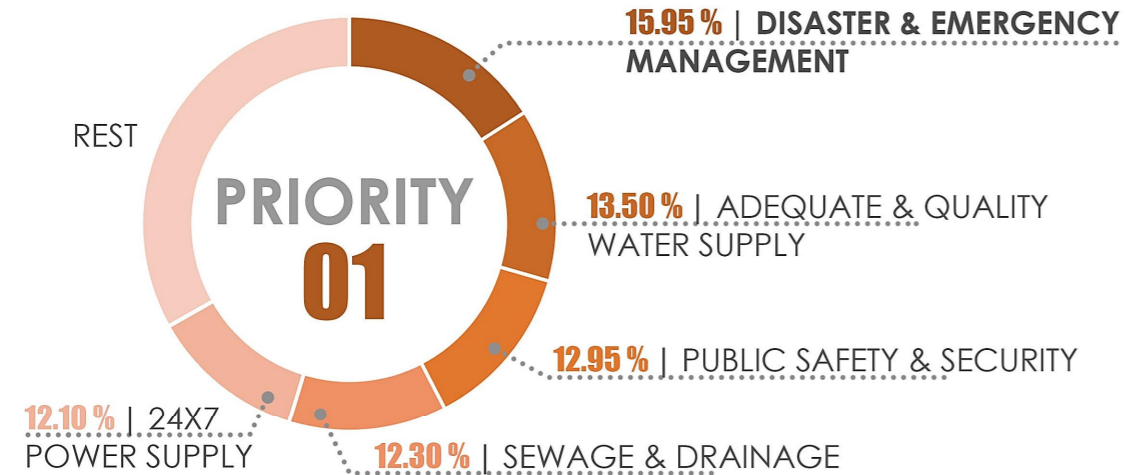
Completed essay competition for vision statement for Vizag



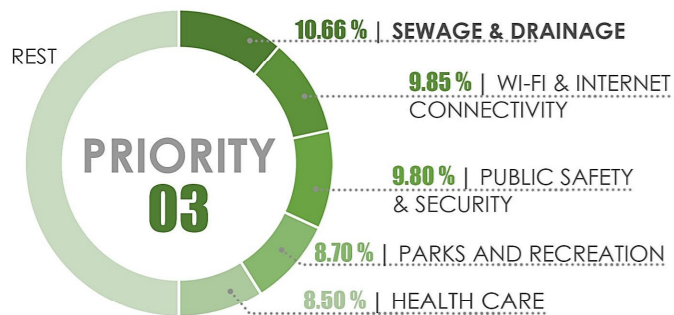
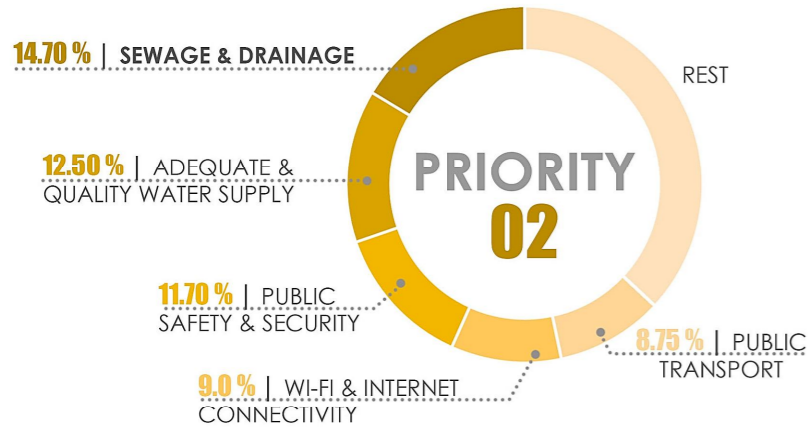
you were asked to pick areas of improvement

in order of preference

as
Priority 1
Priority 2
& Priority 3



your choices



and outcomes

composite of all priorities

PRIORITY 1 + PRIORITY 2 + PRIORITY 3 = COMPOSITE

12.6% choose **sewage & drainage**

Adequate & Quality Water Supply received **11.4%** of votes

10.8% feel **Public Safety and Security** on streets is the most pressing matter

10% voted for **24x7 Power Supply** as a Priority

Disaster & Emergency Management is a top concern for **9.6%** of the population

8% feel **Wi-Fi & Internet Connectivity** is most important

7.1% of Vizagites believe **Parks & Recreation** are a priority

6.7% feel **Public Transportation** should be among top areas of improvement

Around 4 lakh responses received...



RESULTS OF THE PUBLIC POLLING

78% of the respondents feel that **Public Transportation** needs to be improved
72% want **Bus Information** to be displayed at bus stops

71% of respondents reported that there are **No parks** within **10 minutes** of walking distance of their home

68% of the respondents think that the **air in Visakhapatnam** is severely polluted

Lack of Public Toilets at convenient locations is a concern for **65%** of respondents

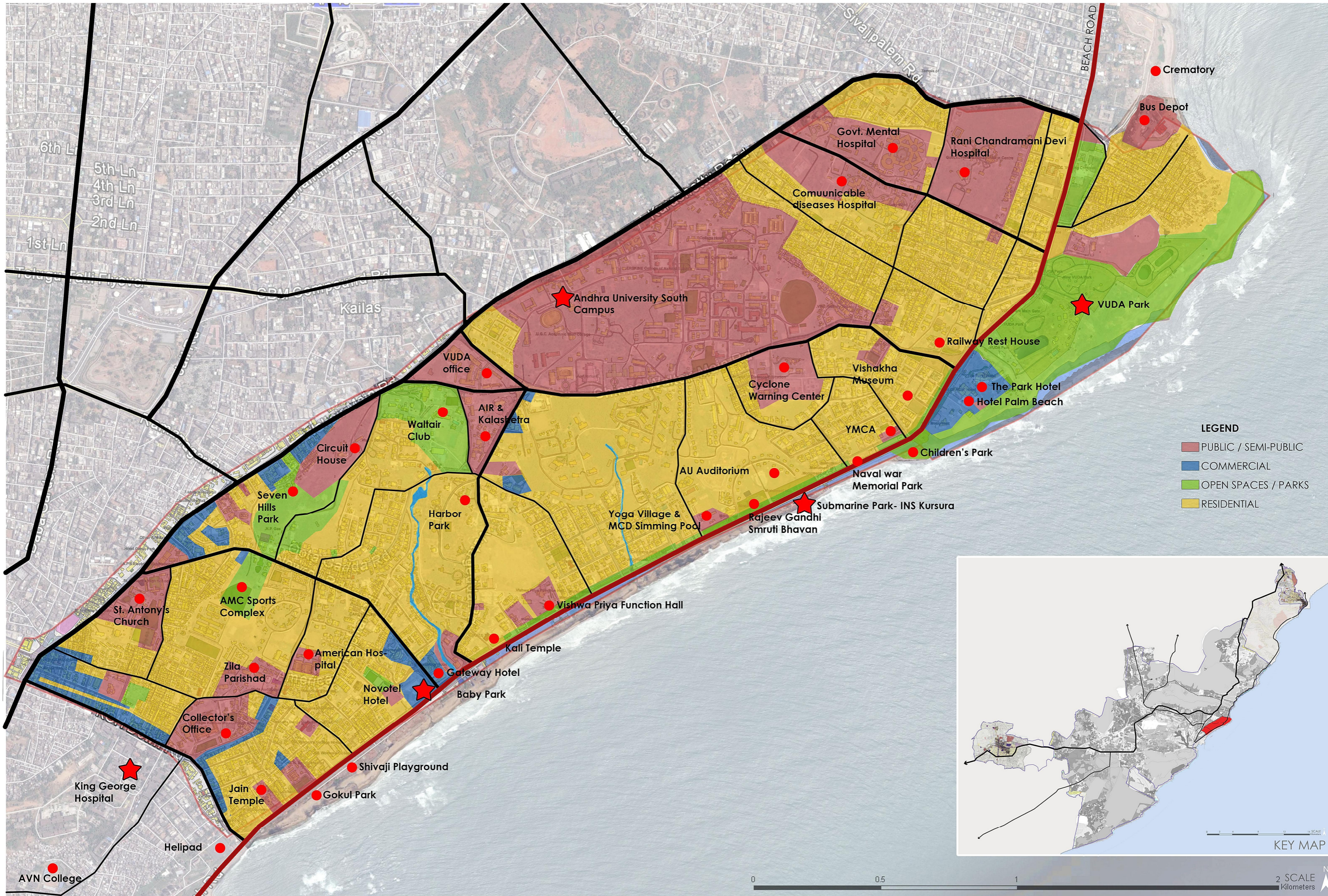
63% of respondents said that **PHC / CHC does not have adequate facility** to meet their medical needs

53% of respondents reported that there are **No adequate Parking Facilities** when they go for shopping

key insights from **responses** to the questionnaire

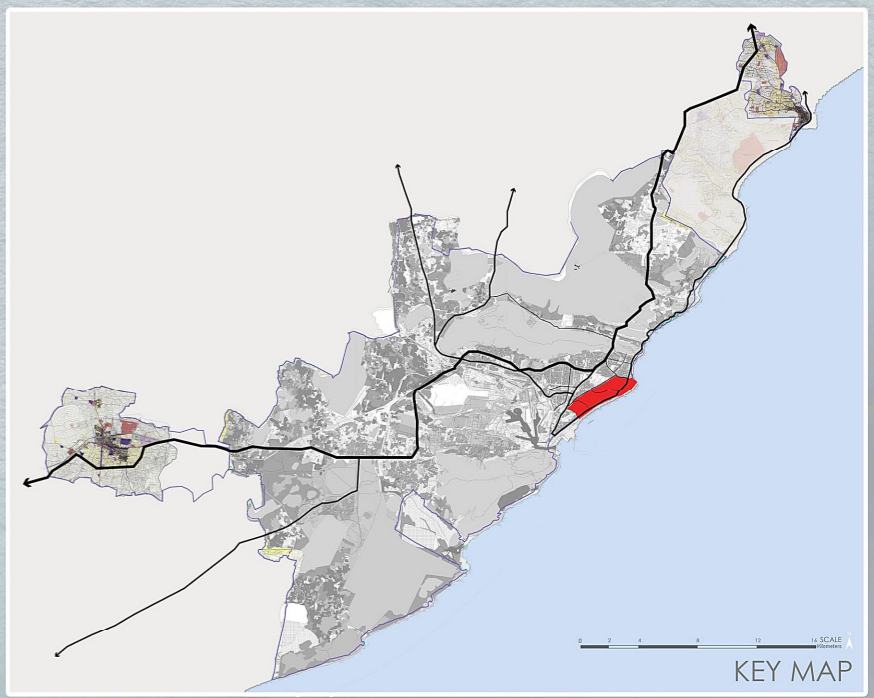


your favourite **recreation** areas in the city



LEGEND

- PUBLIC / SEMI-PUBLIC
- COMMERCIAL
- OPEN SPACES / PARKS
- RESIDENTIAL



Pedestrian & Bicycle friendly
 - Dedicated Cycling lanes
 - Shared Streets

SLOW DOWN
 OBEY SPEED LIMIT
30 km/hr
 Speed Limit

Bicycle Highway
 Continuous Public Realm along Beach Road

Multi-use Multi-level Car Parking

DEDICATED CYCLING LANE
 - Reducing conflict
 - Restricting Vehicular Speed limit to 30 km/hr in ABD

INTEGRATED BUS STOP, CYCLE & TOILET CLUSTER
 Smart Bus Stops- Real-time Bus Information System, Public Toilets & Bicycle Charging Stations

BICYCLE HIGHWAY
 Safe pedestrian & cycling environment (healthy lifestyle)

FISHING ZONE
 Spill out spaces for fish drying & sorting, boat docking etc. for local fishermen

SOLAR ROOFTOPS
 in all Public & Semi-Public buildings

INNOVATIVE USE OF OPEN SPACES (eg. Aracaju, Brazil)
 Sports Facility- Skating rink, tennis courts, volley ball, swimming pool, Yoga & Meditation etc.

SHARED OPEN SPACE
 Parks to be shared between public institutes and surrounding neighborhoods.

HOSPITALITY ZONE
 Lounge Chairs, Eating Stalls / Restaurants, Haat

RETROFITTING OF EXISTING RAJIV SMRUTI BHAVAN

LINEAR PARK
 City Wide Urban Recreation Zone

MARINA (eg. Mumbai marine drive)
 Tetra pods to prevent Beach erosion

BEACH WALK
 Mobile Hawkers, Viewing / Function Deck (Awareness Campaigns), Pontoon Bridge

HOSPITALITY ZONE
 Lounge Chairs, Eating, Stalls / Restaurants, Haat

PAUSE POINTS
 Existing parking structures to be converted into Viewing & function decks, playgrounds etc.

HEALTH & FITNESS ZONE
 Yoga & Meditation, Health Camps, Jogging, Exercising equipments on sand

E-LIBRARIES
 Modernization of existing GVMC schools

LEGEND

- BUS STOPS (EXISTING)
- CYCLE CHARGING STATIONS (PROPOSED)
- METRO STATIONS (PROPOSED)
- BUS ROUTE (EXISTING)
- DEDICATED BICYCLE LANE (PROPOSED)
- METRO ROUTE (PROPOSED)
- BICYCLE HIGHWAY & BEACH ROAD PROMENADE
- MULTI-USE MULTI LEVEL CAR PARKING
- EXISTING PARKS & SHARED OPEN SPACES
- INNOVATIVE USE OF OPEN SPACES & PARKS
- EXISTING DRAINAGE CHANNELS
- SOLAR ROOFS
- PUBLIC TOILETS
- MODERNIZATION OF EXISTING GVMC SCHOOLS
- PUBLIC FUNCTIONS

ZONES-

- HEALTH & FITNESS
- HOSPITALITY
- BEACH WALK
- MARINA
- FISHING ZONE

0 0.5 1 SCALE Kilometers



TIMES SQUARE, NEW YORK
BEFORE



TIMES SQUARE, NEW YORK
AFTER

Public Space
NEW YORK | **transformation**
 from **Vehicular** to **Pedestrian Only**

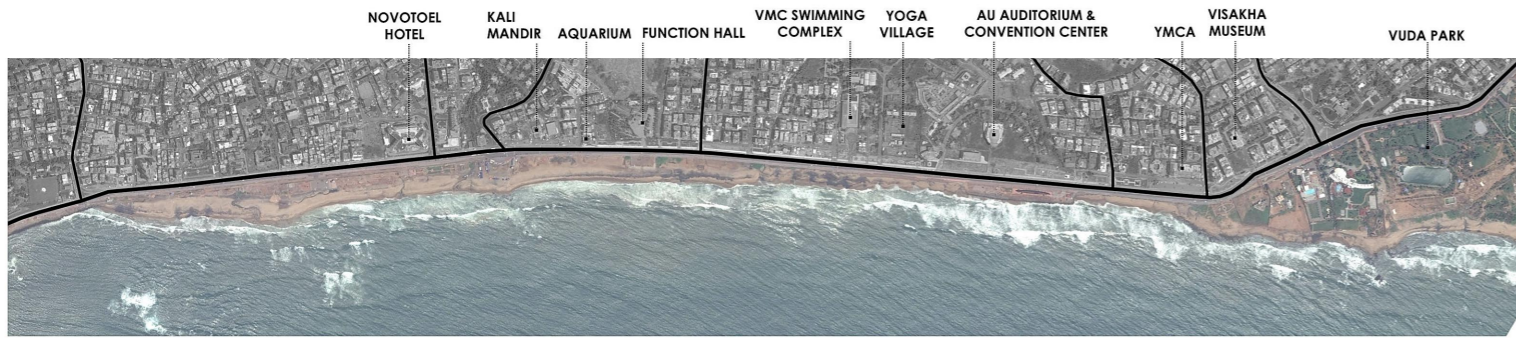
INSPIRATIONS

Giving an Identity to the City | **CANNES**
FRANCE
placemaking

BOULEVARD CROISSETTE, CANNES

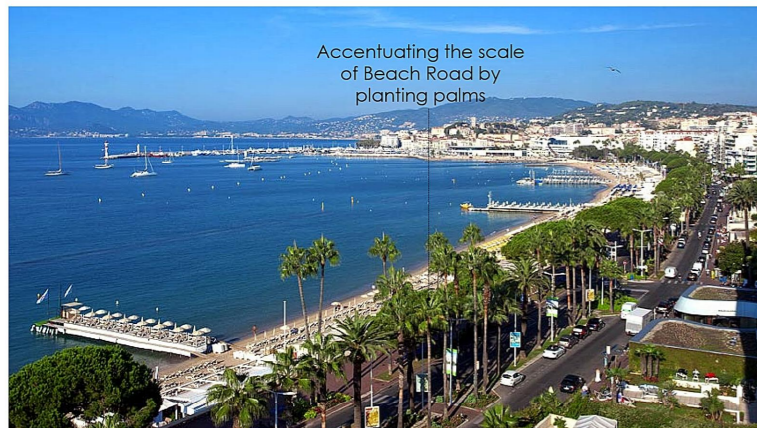
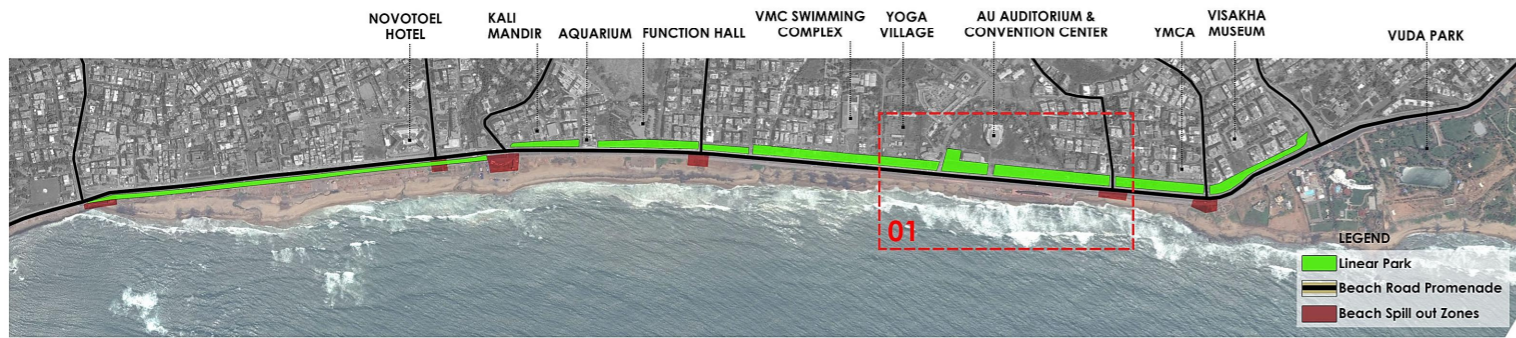


EXISTING CONDITION | along the Beach Road



Lack of any tree cover gives a stark look to the Beach road while also exposing inactive boundary wall and facades of unkept residential buildings. Hoardings, hanging wires and light poles add to the visual clutter.

PROPOSED CONDITION | along the Beach Road



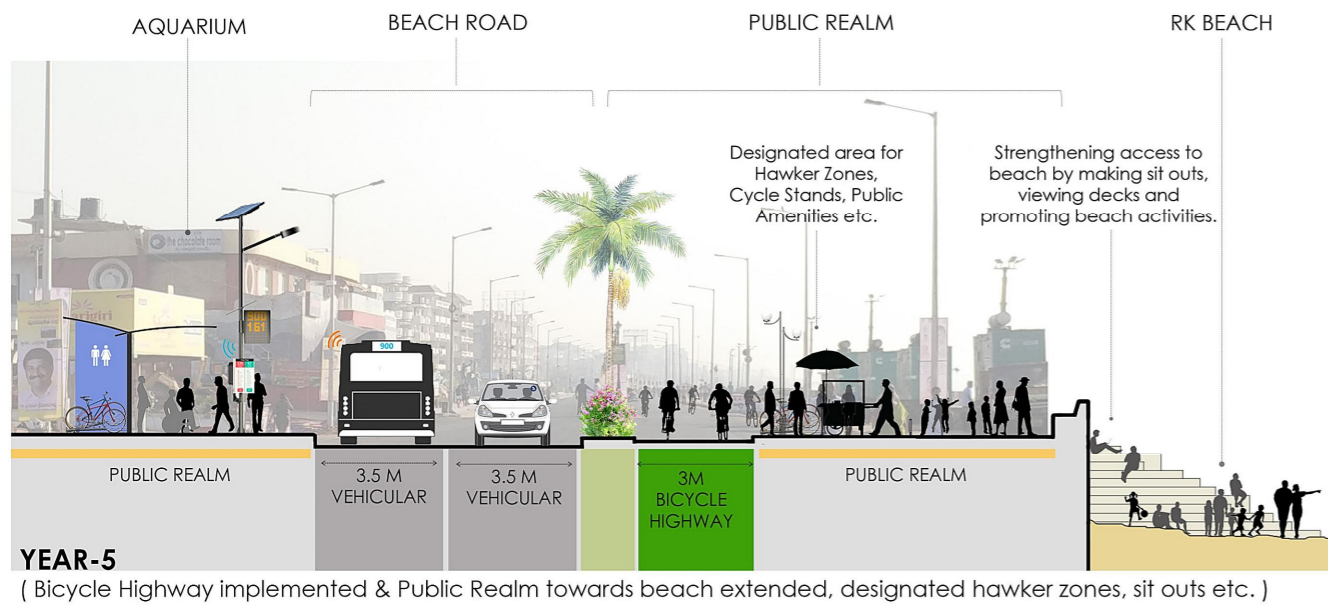
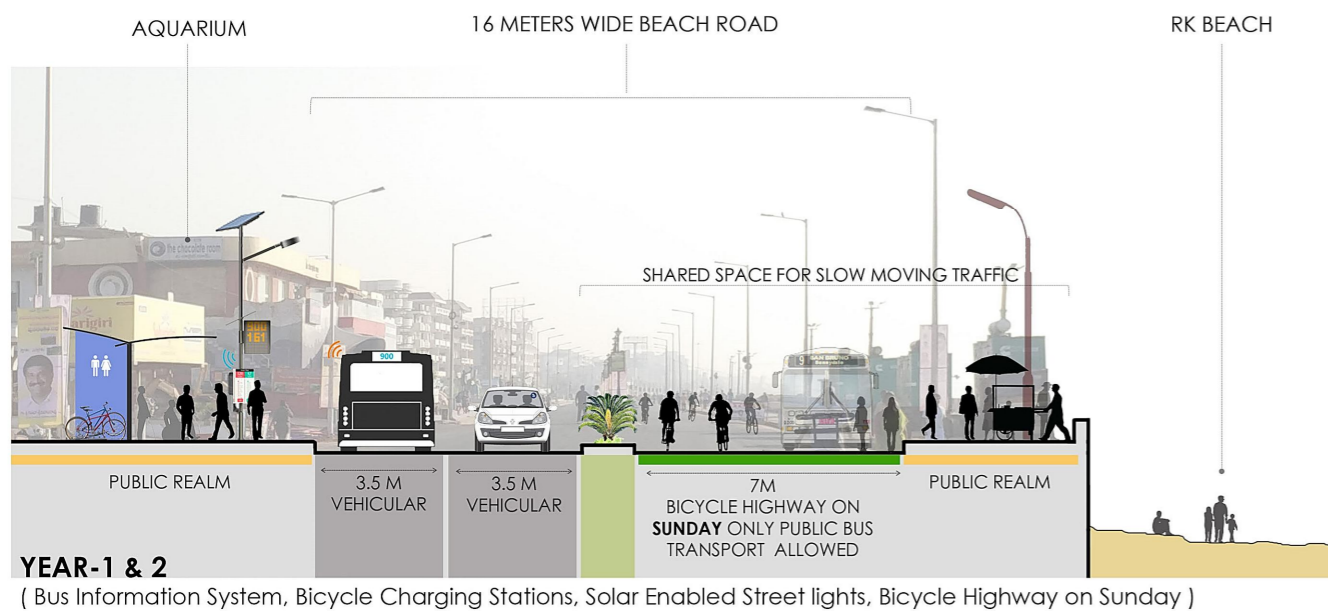
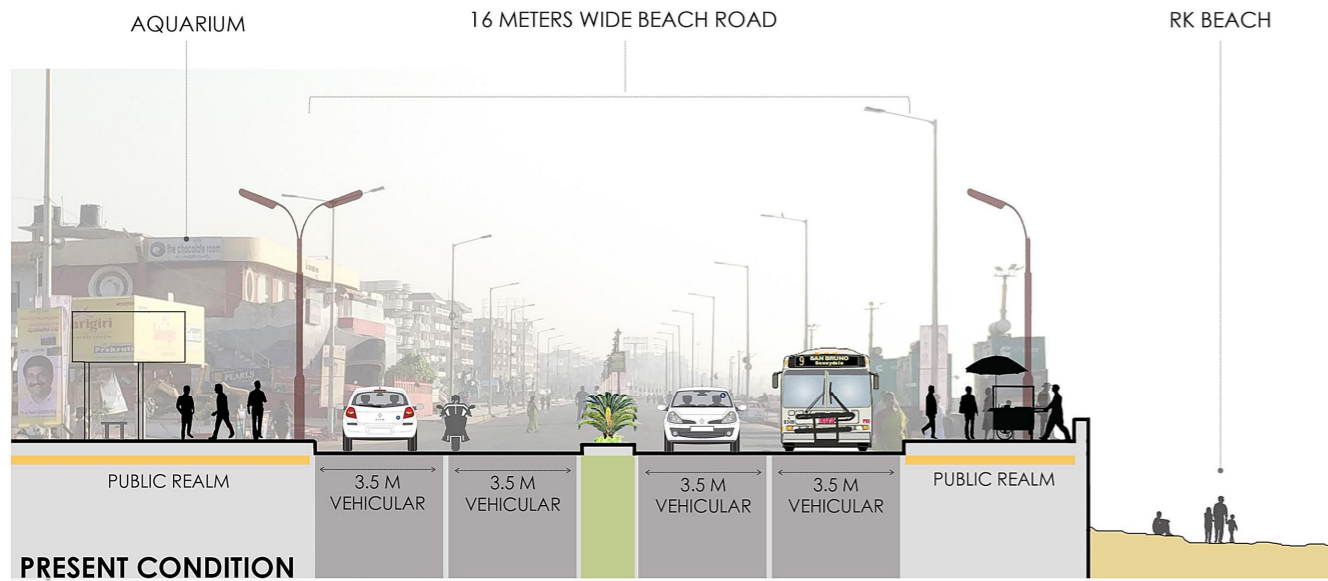
Having trees all along the beach road would not only break the monotony of the hardscape (soften the edge) but also activate the presently un-occupied green buffer by providing shaded spaces for recreation, sitting, informal shopping etc.



Different Character Zones and Activities along the Beach Road

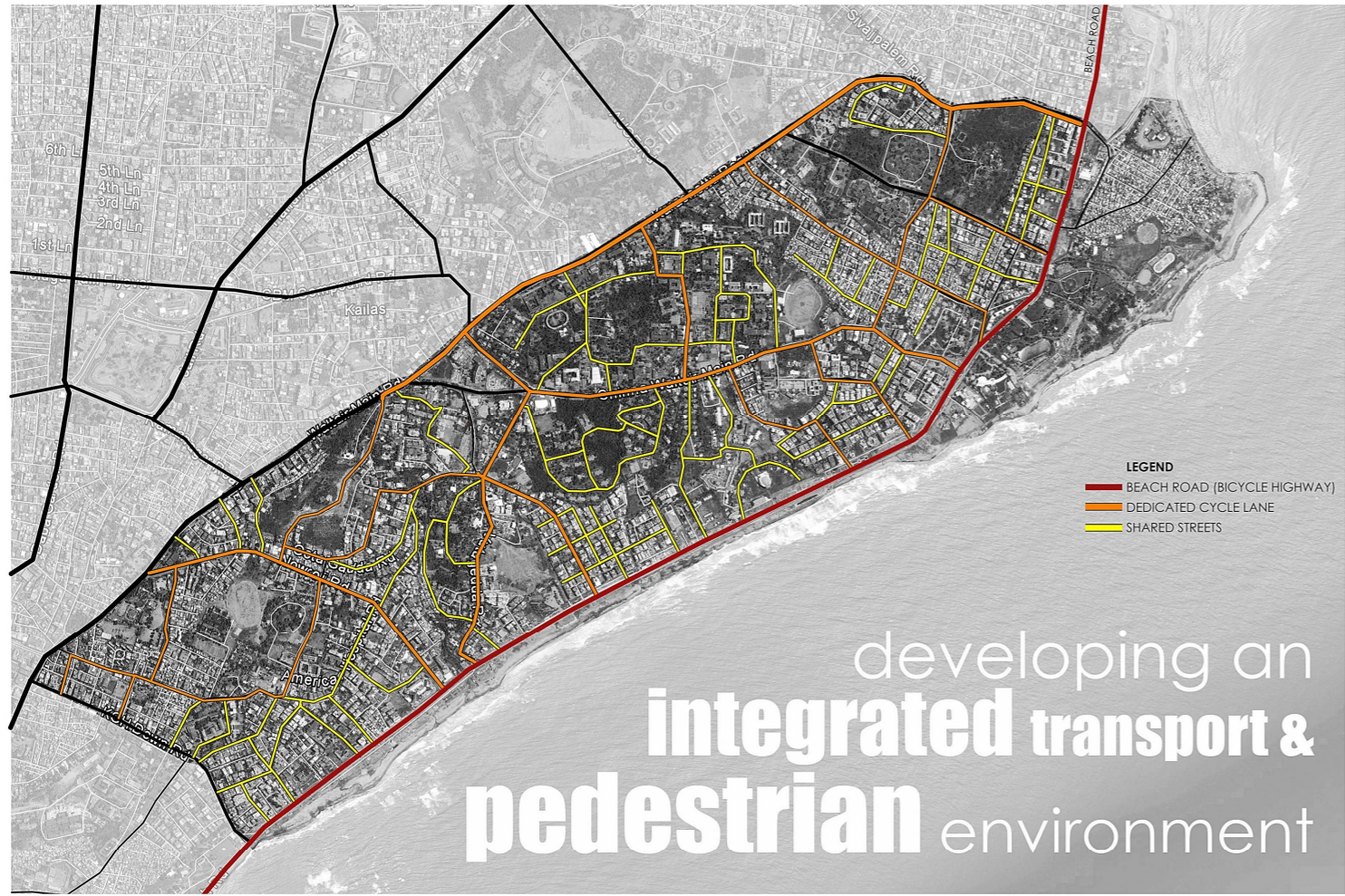
- Parks** near Residential Layouts could double as open space for kids to play
- Hawker Zones and public amenities** near Bus Stops, at intersection etc.
- Multipurpose **Event Spaces**
- Eateries, Local Kiosks & Spill out spaces** at regular intervals.
- Open piazzas** in front of important buildings to create a sense of entry
- Palm Boulevard** to accentuate the scale of Beach Road with **Bicycle Highway** on the Seaward side
- Shaded Groves** with seating and hawker zones below

Year Wise enhancement in the Beach Road Cross Section



Innovative Use of Existing Open Spaces | VUDA PARK

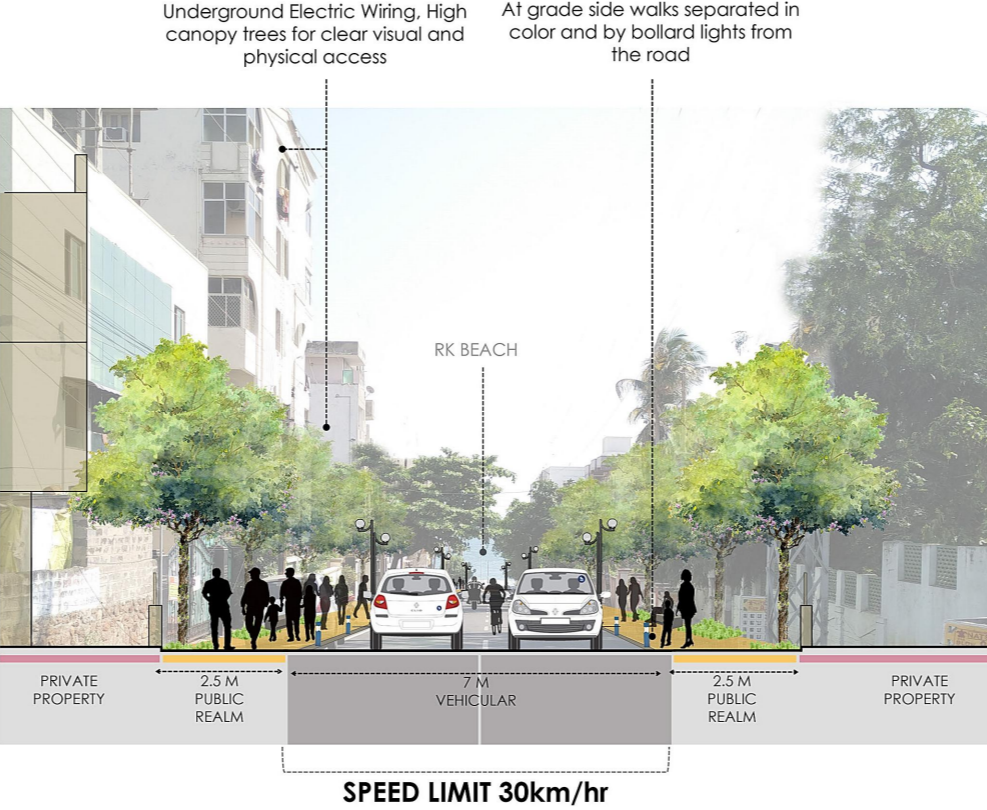
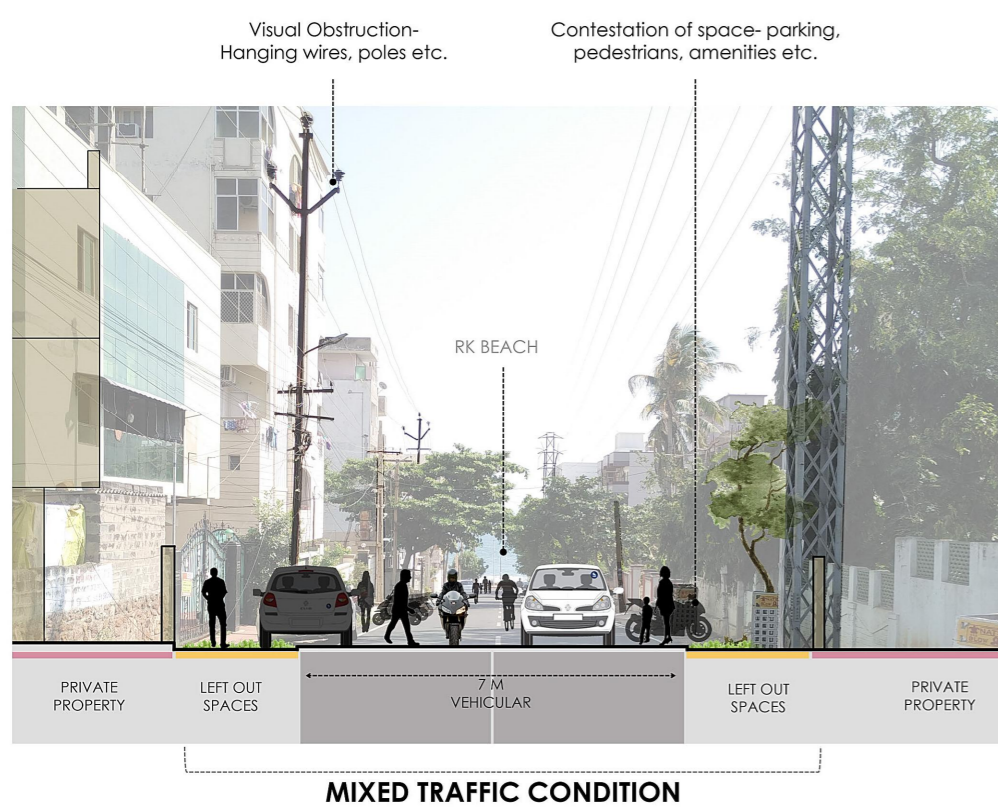




Shared Streets

EXISTING
 Mixed Traffic Condition and lack of pavements pose a serious threat to the safety of pedestrian and cyclists.

PROPOSED
 Speed limit on vehicular traffic and at grade movement of different modes ensures safety and universal access.



Smart Infrastructure

Smart Bus Stop Cluster
 Solar powered Bus stops with LED display for bus passenger information, equipped with bike cluster and toilet.



Public Bike Sharing



Phasing out of Auto-Rickshaws with e-Rickshaws

AP-01-VIZ
ANNEXURE 4

ANNEXURE 4

SHEET 1

R.C.NO.13099/2015/ADCD/GVMC

COUNCIL PREAMBLE

Sub: Greater Visakhapatnam Municipal Corporation – Smart Cities Mission launched- preparedness and submission to GoI for Smart City challenge- communicated score cards to assess the performance and financial stability of urban local bodies – convening of citizens meetings- council resolution - approval of score card particulars,- submitted for council approval-reg.

Ref: 1. Memo for GoAP No. 20950/UBS/2015 Dt: 30.06.2015.
2. D.O. Lr No K 15016/10/SC-2015(Pt-II), Dt: 08.06.2015 of Joint Secretary (UD&MD), MoUD, GoI guidelines for Smart cities.
3. Lr from Secretary, MoUD No. K. 15016/10/SC/(Pt-II) Dt: 26-05-15.
4. Smart City Mission Statement & Guidelines of (UD&MD), MoUD, GoI. Dt: 25.06.2015.

The Hon'ble Prime Minister launched a flagship programme namely Smart Cities Mission on 25th June, 2015 for improving quality of life and attracting people and investment to the cities by releasing year wise grants in five years plan.

The objective of the Smart Cities Mission is to promote cities that provide core infrastructure and give a decent quality of life, a clean and sustainable environment and application of smart solutions to its citizens. The focus is on sustainable and inclusive development and the idea is to look at compact areas, create a replicable model which will act like a light house to other aspiring cities. It is meant to set examples that can be replicated both within and outside the smart city, catalyzing the creation of similar smart cities in various regions and parts of the country.

The smart cities will be short listed on the basis of Smart City Challenge with conditions precedent and scoring criteria (Ref: Form 2 of Smart City guidelines). The Stage 1 of the competition is intra- State, where the State is expected to shortlist by 31st July, 2015, potential smart cities based on conditions precedent and scoring criteria set out in the guidelines, and the highest scoring potential Smart Cities will be short listed and recommended to participate in Stage 2 of the Smart City Challenge.

ANNEXURE 4

SHEET 1

In the stage 2 at the National level, after receipt of proposals from the State Governments, these 100 cities will be evaluated by a Committee involving a panel of national and international experts, organizations and institutions. As informed during the launch conference, only 20 cities will be picked up for the Smart City Mission initially.

The winner cities shall then create a Special Purpose Vehicle (SPV) and prepare their Smart City Proposal (SCP) outlining their vision, chosen Model of Development and Plan for mobilisation of resources for the Smart Cities.

In the event of the State not winning all its three allocated cities in the first round, those cities not winning or other cities as decided by the High Power Steering Committee (HPSC) will work on improving their SCPs for consideration in the next round. Depending on the nature of the SCPs and outcomes of the first round of the Challenge, the MoUD may decide to provide handholding assistance to the potential Smart Cities to upgrade their proposals before starting the next round.

The guidelines mandate that The Smart City Mission monitoring is carried out through 3 different committees one at National level (Apex Committee), one at State level High Power Steering Committee (HPSC) and one at City level (Smart City Advisory Forum). The implementation will be done by a Special Purpose Vehicle (SPV) established at city level.

To participate in the Smart City Challenge, the council agrees to comply and fulfill the conditions precedent and duly fill in the Score Card (Form- 2) that shall help assess the ULB's performance, financial stability on several parameters.

Further the score card mandates a Council resolution along with a Citizen consultation and an Inter-departmental Task Force consisting of parastatal bodies, Urban Local Body (ULB), Organizations and Urban Development Authorities (UDAs) to be constituted in order to make the city Smart (Form 1, Part-4). With respect to Citizen consultation the council shall ensure that ward level consultation meetings will be conducted with specific agenda and benefits of Smart City Mission explained.

The Council shall further if selected ensure and agree to the creation of a Special Purpose Vehicle (SPV) for the implementation of the Smart City Mission in our City. It is undertaken that

ANNEXURE 4

SHEET 1

will adopt best practices to create an empowered SPV to the extent and as provided under municipal act. The SPV shall also delegate the rights and obligations of the municipal council in respect to the Smart City. The council shall delegate the decision making powers available to the ULB under the municipal act/ Government rules to the Chief Executive Officer of the SPV. The council shall also delegate the approval or decision making powers available to the Urban Development Department / Local Self Government department / Municipal Administration department to the Board of Directors of the SPV in which the State and ULB are represented. The council shall also delegate the matters that require the approval of the State Government to the State Level High Powered Steering Committee (HPSC) for Smart Cities.

In view of the introduction of the Smart City Mission for the holistic development of the urban people the Score Card with 15 parameters has been submitted herewith to the council for approval with a request to accord permission for onward submission to the Government of India through the State of **Government of Andhra Pradesh** for the participation and selection of **Greater Visakhapatnam Municipal Corporation** in the **Smart city** Challenge in contention with the corporation may provide best infrastructure required with the Smart City Mission.

Hence the matter is placed before the council: "for agreeing to the proposal to make the city Smart, and to submit the proposal in accordance with Smart City guidelines. If selected, the council may undertake to abide by the Smart city Mission Guidelines/ conditions of Government of India and Government of Andhra Pradesh including those relating to the financing, funds release and SPV"

17/7/15
EE-V

3/17/15
ADC(PROJECTS)


COMMISSIONER

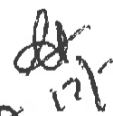
కార్యకర్తల వారి ఆశ్రితం నం. 337/15 తేదీ: 17.7.2015

"కామారాజులపేట వారి కృషిని గురించి"

" అ.స.న "

17/7/15
సం. కమిషనరు
పట్టణ పరిశోధన
విభాగం
విజయవాడ

సం. కమిషనరు జి. జయలక్ష్మి
(ప్ర. కృ. కార్యకర్తల (11C))


S.O. 17/7/15

ANNEXURE 4

SHEET 2

Dr. T. BABURAO NAIDU, Ph.D., I.A.S.,

Vice - Chairman
Visakhapatnam Urban Development Authority &
Vice - Chairman
VK - PCPIR Special Development Authority
Visakhapatnam - 530 003.



To,
The Commissioner,
Greater Visakhapatnam Municipal Corp.,
Visakhapatnam

Sir,

Sub: VUDA – Smart City proposal – Approval to offer assistant required – Reg.

This is to convey VUDA's approval of the Smart City Proposal for Visakhapatnam city.

VUDA will offer all the assistance required to implement the proposal which inter-alia

includes:

1. Participation in the SPV as suggested in the SCP
2. Leasing of the VUDA Park to the SPV and any further assistance that may be required to develop it as per the SCP
3. Approval for developing the parking areas on suitable model (PPP/EPC) at the sites identified in the SCP

We will be happy to extend any further support to GVMC and the SPV that may be required from us for this project.

With Regards,

VICE-CHAIRMAN
VUDA

ANNEXURE 4

SHEET 3

EASTERN POWER DISTRIBUTION COMPANY OF A.P LIMITED CORPORATE OFFICE:: VISAKHAPATNAM

To
The Commissioner,
Greater Visakhapatnam Municipal
Corporation,
Visakhapatnam

Sub: Smart City proposal – approval of the Smart City Proposal for Visakhapatnam-Reg.

This is to convey APEDCL's approval of the Smart City Proposal for Visakhapatnam city. It is to inform that, APEDCL will implement the projects relating to the Smart Meters and Underground wiring in the selected area as part of the Smart City Proposal under the following schemes.

- a) Underground cabling works under AP Disaster Recovery Project (APDRP) with financial assistance from World Bank.
- b) Infrastructure improvement and Smart Meters under Integrated Power Development Scheme (IPDS) of Government of India.

As a policy, APEDCL buys the solar power from the property owners under net metering approach and will extend the same facility to the SPV also.

APEDCL will also participate in the SPV which will implement the entire Smart City Proposal and also extend any support require for this proposal.


Chairman & Managing Director

APEPDCL: Visakhapatnam

ANNEXURE 4

SHEET 4

VUTCL

Visakhapatnam Urban Transport Company Limited

Registered Office C/o. GVMC, Room No. 402, Tenneti Bhavan, Asilmetta Junction,
VISAKHAPATNAM- 530002, Andhra Pradesh. India. CIN No. U60200AP2012PLC078640

From
The Chief Executive Officer,
Visakhapatnam Urban Transport
Company Limited
Visakhapatnam.

To
The Commissioner,
Greater Visakhapatnam
Municipal Corporation,
Visakhapatnam

Sub: SPV-Visakhapatnam Urban Transport Company Limited - Smart City
Challenge participation -GVMC -implementation of Smart City Proposal-
approval - Reg.

@@@

This is to convey that the Visakhapatnam Urban Transport Company Limited will implement the projects relating to the installation of GPS on the public transportation in the selected area as a part of the Smart City Proposal along with the SPV which will be created to implement the Smart City Proposal.

Visakhapatnam Urban Transport Company Limited will be willing to extend any support required for the successful implementation of the proposal.

Your faithfully,



Chief Executive Officer
VUTCL
DIN : 07106418

ANNEXURE 4

SHEET 5



GREATER VISAKHAPATNAM MUNICIPAL CORPORATION
VISAKHAPATNAM

Rc.No.11495/CE/GVMC/SE(P-1)/EE (PD-II), Dt:17-04-2013

Sub: GVMC – Engg – Installation of Modern Traffic Signals with Intelligent Video Surveillance system at 94 junctions in Visakhapatnam city – Selection of alternate junctions to both successful bidder and GVMC for advertising – Revised Agreement Copy - Submitted - Reg.

Ref: Orders of the Commissioner, dt:18-03-2013.

@@@

With reference to the above cited, it is to submit that the Revised Agreement copy vide No.03/2012-13/Commissioner/GVMC/CE/SE(P-1)/EE(PD-II),dt:18-03-2013 approved by the Commissioner on dt:18-03-2013, is herewith enclosed for information.

(520)

[Signature]
For Commissioner 17/4/13
GVMC

Enc: Xerox copy of Agreement Book

Copy submitted to Commissioner's Table for information.
Copy submitted to CCP/CE/SE(P-1) for information.

*Copy submitted to
CCP/CE/SE(P-1)*

ANNEXURE 4
SHEET 5

①
Prop /
ACPT to vent (seam)
Keep in carefully
By 22/9/13

INSTALLATION OF MODERN TRAFFIC SIGNALS WITH INTELLIGENT VIDEO SURVEILLANCE SYSTEM AT 94 JUNCTIONS, IN VISAKHAPATNAM' ON BUILD-OPERATE-TRANSFER (BOT) BASIS.

AUTHORISATION AGREEMENT

Among

**THE GREATER VISAKHAPATNAM MUNICIPAL CORPORATION,
THE COMMISSIONER OF POLICE, VISAKHAPATNAM**

And

M/s.STANPOWER, HYDERABAD

For STANPOWER

[Signature]
Managing Partner

[Signature]
18/3/13

**Addl. Deputy Commissioner of Police
Traffic, Visakhapatnam City**

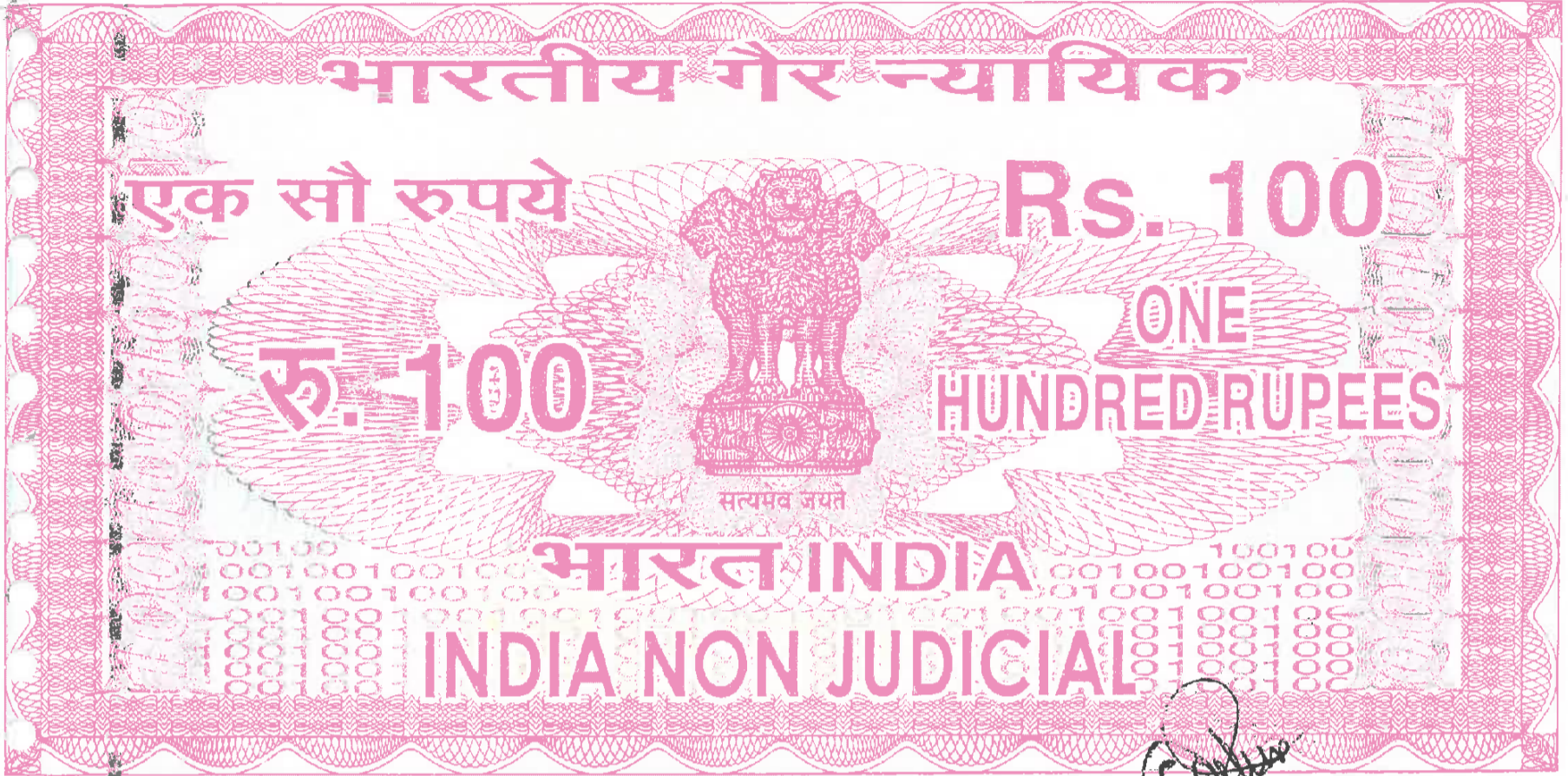
[Signature]
**Commissioner
Greater Visakhapatnam
Municipal Corporation**

ANNEXURE 4

SHEET 5

Ag No. 03/12-13/Commissioner GVMC/C.E/SE(P-I)/EE-(PD-11)/dt 18.3.2013

3



ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

AM 974668

S.No. 71530 Date 22/11/2013
For T. Prakash
By Dr. P. A. Paul
or Whom M/s Stan Power

K. SATISH KUMAR
Licenced Stamp Vendor
Lic.No.15-18-013/2000
REN.No.15-18-016/2009
H.No.5-2-30, Premavathipet (V),
Rajendranagar Mandal,
Ranga Reddy District.
Ph.No.9849355156

AGREEMENT

This agreement made and executed on this 18th day of ~~February~~ ^{March}, 2013 at Visakhapatnam between **GREATER VISHAKHAPATNAM MUNICIPAL CORPORATION** an authority constituted under the provisions of "The Vishakhapatnam Municipal Corporation Act, 1979" a local body under the control of Government of Andhra Pradesh, having its Office at Tenneti Viswanadham Bhavan, Asilmetta Junction, Visakhapatnam - 530003, and represented by its "Commissioner" hereinafter referred to as "**GREATER VISHAKHAPATNAM MUNICIPAL CORPORATION**" or the "**Grantor**" (which expression shall, unless it be repugnant to the context or meaning thereof, include its successors and assigns) of the **FIRST PART**, the Commissioner of Police, Visakhapatnam represented by their Additional Deputy Commissioner of Police of the **SECOND PART** and M/s STANPOWER, 5 Ameena Complex Uppal Hyderabad 500039 represented by Sri. Timothy Prakash S/o Dr P A Paul (hereinafter called the "CONTRACTOR") of the **THIRD PART** each singly a 'party' and all collectively the 'parties' whereas it is proposed to 'Install modern traffic signals with intelligent video surveillance system at 94 junctions, in Visakhapatnam' on Build-Operate-Transfer (BOT) basis under the jurisdiction of Commissioner, GREATER VISHAKHAPATNAM MUNICIPAL CORPORATION.

For STANPOWER
Managing Partner

Amu
18/3/13
Addl. Deputy Commissioner of Police
Traffic, Visakhapatnam City

Commissioner
Greater Visakhapatnam
Municipal Corporation

ANNEXURE 4
SHEET 6

CREDIT NUMBER 5694-IN

Project Agreement

(Andhra Pradesh Disaster Recovery Project)

between

INTERNATIONAL DEVELOPMENT ASSOCIATION

and

STATE OF ANDHRA PRADESH

Dated *July 16*, 2015

ANNEXURE 4

SHEET 6

CREDIT NUMBER 5694-IN

PROJECT AGREEMENT

Agreement dated 01.11.16, 2015, entered into between the INTERNATIONAL DEVELOPMENT ASSOCIATION ("Association") and the STATE OF ANDHRA PRADESH ("Project Implementing Entity") ("Project Agreement") in connection with the Financing Agreement ("Financing Agreement") of same date between INDIA ("Recipient") and the Association. The Association and the Project Implementing Entity hereby agree as follows:

ARTICLE I — GENERAL CONDITIONS; DEFINITIONS

- 1.01. The General Conditions (as defined in the Appendix to the Financing Agreement) constitute an integral part of this Agreement.
- 1.02. Unless the context requires otherwise, the capitalized terms used in this Agreement have the meanings ascribed to them in the Financing Agreement or the General Conditions.

ARTICLE II — PROJECT

- 2.01. The Project Implementing Entity declares its commitment to the objectives of the Project. To this end, the Project Implementing Entity shall carry out the Project in accordance with the provisions of Article IV of the General Conditions, and shall provide promptly as needed, the funds, facilities, services and other resources required for the Project.
- 2.02. Without limitation upon the provisions of Section 2.01 of this Agreement, and except as the Association and the Project Implementing Entity shall otherwise agree, the Project Implementing Entity shall carry out the Project in accordance with the provisions of the Schedule to this Agreement.

ARTICLE III — TERMINATION

- 3.01. For purposes of Section 8.05 (c) of the General Conditions, the date on which the provisions of this Agreement shall terminate is twenty (20) years after the date of this Agreement.

ARTICLE IV — REPRESENTATIVE; ADDRESSES

- 4.01. The Project Implementing Entity's Representative is the Principal Secretary, Revenue (Disaster Management) Department of Andhra Pradesh.
- 4.02. The Association's Address is:

International Development Association
1818 H Street, NW
Washington, DC 20433
United States of America

ANNEXURE 4

SHEET 6

2

4.03 The Project Implementing Entity's Address is:
Principal Secretary
Revenue (Disaster Management) Department
Government of Andhra Pradesh
Secretariat
Hyderabad 500022
Andhra Pradesh

Facsimile:

91-40-23459015

AGREED at New Delhi India, as of the day and year first above written.

INTERNATIONAL DEVELOPMENT
ASSOCIATION

By 

Authorized Representative

Name: Anna Ruhl

Title: Country Director, India

STATE OF ANDHRA PRADESH

By 

Authorized Representative

Name: J. C. Sharma

Title: Principal Secretary
Revenue (Land and Disaster Mgmt)

ANNEXURE 4

SHEET 6

CREDIT NUMBER 5694-IN

FINANCING AGREEMENT

AGREEMENT dated July 16, 2015, entered into between INDIA ("Recipient") and INTERNATIONAL DEVELOPMENT ASSOCIATION ("Association"). The Recipient and the Association hereby agree as follows:

ARTICLE I — GENERAL CONDITIONS; DEFINITIONS

- 1.01. The General Conditions (as defined in the Appendix to this Agreement) constitute an integral part of this Agreement.
- 1.02. Unless the context requires otherwise, the capitalized terms used in this Agreement have the meanings ascribed to them in the General Conditions or in the Appendix to this Agreement.

ARTICLE II — FINANCING

- 2.01. The Association agrees to extend to the Recipient, on the terms and conditions set forth or referred to in this Agreement, a credit in the amount of two hundred fifty million United States Dollars (US\$ 250,000,000) (variously, "Credit" and "Financing"), to assist in financing the project described in Schedule 1 to this Agreement ("Project").
- 2.02. The Recipient may withdraw the proceeds of the Financing in accordance with Section IV of Schedule 2 to this Agreement.
- 2.03. The Maximum Commitment Charge Rate payable by the Recipient on the Unwithdrawn Financing Balance shall be one-half of one percent (1/2 of 1%) per annum.
- 2.04. The Interest Charge payable by the Recipient on the Withdrawn Credit Balance shall be at a rate equal to the Reference Rate for the Credit Currency plus the Fixed Spread; provided, however, that the Interest Charge payable shall in no event be less than zero percent (0%) per annum.
- 2.05. The Payment Dates are June 15 and December 15 in each year.
- 2.06. The principal amount of the Credit shall be repaid in accordance with the repayment schedule set forth in Schedule 3 to this Agreement.

ANNEXURE 4

SHEET 6

2.07. The Payment Currency is Dollar.

ARTICLE III — PROJECT

3.01. The Recipient declares its commitment to the objectives of the Project. To this end, the Recipient shall cause the Project to be carried out by the Project Implementing Entity in accordance with the provisions of Article IV of the General Conditions and the Project Agreement.

3.02. Without limitation upon the provisions of Section 3.01 of this Agreement, and except as the Recipient and the Association shall otherwise agree, the Recipient shall ensure that the Project is carried out in accordance with the provisions of Schedule 2 to this Agreement.

ARTICLE IV — EFFECTIVENESS; TERMINATION

4.01. The Effectiveness Deadline is the date ninety (90) days after the date of this Agreement.

4.02. For purposes of Section 8.05 (b) of the General Conditions, the date on which the obligations of the Recipient under this Agreement (other than those providing for payment obligations) shall terminate is twenty (20) years after the date of this Agreement.

ARTICLE V — REPRESENTATIVE; ADDRESSES

5.01. The Recipient's Representative is any of the following officials, acting severally; the Secretary, Additional Secretary, Joint Secretary, Director, Deputy Secretary, or Under Secretary of the Department of Economic Affairs of the Recipient's Ministry of Finance.

5.02. The Recipient's Address is:

Secretary
Department of Economic Affairs
Ministry of Finance
Government of India
North Block
New Delhi 110 001, India

ANNEXURE 4

SHEET 6

APDRP - WORKS ABSTRACT

Abstract of Costs (INR in Cr.)

Sl. No.	Activities	Costing (in Cr.)
1	Repair of road work	73.40
2	Drainage	37.49
3	Sewerage Treatment Plants	11.00
4	Parks	60.28
5	Pedestrian walkways	15.20
6	Dwarf wall	3.60
7	Street Furniture (police booth, public toilets, benches, dust-bins and signage boards)	2.60
8	Street and beach lighting	9.00
9	Landscaping on road dividers and traffic islands	2.66
10	Architectural conservation of historic buildings	27.54
	TOTAL	242.77 Cr

Costing (in Cr.)	
GVMC	VUDA
73.40	
37.49	0.00
11.00	0.00
20.28	40.00
15.20	0.00
3.60	0.00
2.60	0.00
9.00	0.00
2.66	0.00
27.54	0.00
202.77	40.00

40.46 USD

ANNEXURE 4
SHEET 7

Government of Andhra Pradesh

Operations Manual

**World Bank Assisted
Andhra Pradesh Disaster Recovery Project**

**Project Management Unit
Andhra Pradesh Revenue (Disaster Management)
Department**

ANNEXURE 4

SHEET 7

Communities, and to enhance the capacity of state entities to respond promptly and effectively to an eligible crisis or emergency.

2.3 Project Beneficiaries

5. The project, through its different components, will provide both direct and indirect benefits to the State of Andhra Pradesh and its 49.4 million inhabitants. Direct beneficiaries include populations of the coastal areas affected, specifically the four heavily impacted districts of Srikakulam, Vizianagaram, Visakhapatnam and East Godavari with a total approximate population of 13.3 million residents.

2.4 Project Components

6. The project has seven components: i) Resilient electrical network; ii) Restoration of connectivity and shelter infrastructure; iii) Restoration and protection of beach front; iv) Restoration of environmental services facilities and livelihood support; v) Capacity building and Technical assistance for disaster risk management; vi) Project implementation support; and vii) Contingency emergency response.

- i) **Component 1: Resilient electrical network- US\$120 million:** The objective of this component is to reduce the vulnerability of the city's electrical network by laying the power distribution system underground. Approximately 1200 km of 33kV, 11 kV and LT network lines will be converted to underground cable network starting from consumers meter board and going to 11 and 33 kV feeders, from the beach road and going towards landside. The component will also include provision for high-speed data/voice transmission, in the city of Visakhapatnam.
- ii) **Component 2: Restoration of connectivity and shelter infrastructure- US\$105 million:** This component will finance investments to permanently restore, upgrade, and increase resilience towards future disasters of Roads and Cyclone Shelters. Scope of this component will include all four affected districts: Visakhapatnam, Vizianagaram, Srikakulam and East Godavari. This component will support the following:
 - *Sub-component 2.1: Restoration of rural roads and cyclone shelters* (US\$60 million): This sub-component will support the permanent restoration, reconstruction, strengthening and widening of about 800km of damaged Rural Roads including cross-drainage structures, following the Indian Roads Congress (IRC), Ministry of Rural Development (MoRD) and Prime Minister's Gram Sadak Yojana (PMGSY) standards. It will also include repair of old cyclone shelters with friendly design features for the elderly, women, and children.
 - *Sub-component 2.2: Restoration of major district roads (MDR)* (US\$45 million): This sub-component will support the permanent restoration, reconstruction, strengthening and widening (mostly single-lane to double-lane) of about 250 km (currently planned for 298 km) of damaged MDRs including cross-drainage structures, following the IRC and Ministry of Road Transport and Highways (MoRTH) standards. Widened MDRs will help the state to conduct its operations at the time of any such disaster in future.

ANNEXURE 4

SHEET 7

- *Sub-component 4.2: Livelihoods support* (US\$12 million): This sub-component will support livelihood restoration for coastal families, including vulnerable, poor and women headed households, by reviving/improving mangroves in critical patches and support nurseries that would supply saplings for farm forestry and for creation of shelter belts/wind breaks.
- v) **Component 5: Capacity building and technical support for disaster risk management - US\$35 million:** This component will support investments to enhance the capabilities of GoAP entities and other stake holders in managing disaster risks, enhancing preparedness, and achieving resilient recovery. This component will support the following:
- *Sub-component 5.1: Capacity augmentation for disaster management* (US\$25 million): This component will include activities such as: (i) strengthening the state's disaster response systems and mechanisms, as well as the capacity of the APSDMA in performing its core functions by setting up the State Advisory Committee, State Resource Centre for Disaster Management, strengthening the emergency response and communication system of the state agencies such as fire department, the state disaster response force and other immediate key response agencies in responding adequately to disaster situations through better search and rescue equipment, wireless communication, enhanced training, etc.; (ii) curriculum development and updating on disaster risk reduction for schools and governmental training institutions; and (iii) establishing a Community-Based Disaster Risk Management (CBDRM) program that would entail periodic mock drills, awareness programs, etc. to help communities better utilize risk mitigation infrastructure as well as be better to respond to any disaster event.
 - *Sub-component 5.2: Technical support for risk reduction and response preparedness* (US\$10 million): The component will include activities such as: (i) preparing a detailed vulnerability analysis of the cities and model various risks for effective mitigation planning and disaster response preparedness in consultation with community representatives and by applying local knowledge; (ii) carry out an in-depth assessment of the GoAP's Apathbandhu Insurance scheme (Accident Insurance Scheme for Below Poverty Line families) , agriculture risk insurance, social safety nets and other such risk transfer mechanisms and develop recommendations for establishing an integrated program for risk transfer with emphasis on vulnerable populations: widowed households, vulnerable female – headed households, poor households, SC (Scheduled Cast) and ST (Scheduled Tribe) households, and low – income households; (iii) update the design guidelines for infrastructure in several key departments by evolving better design standards that factor in the expected peak wind speeds and rainfalls, including material specifications for the infrastructure in coastal region.
- vi) **Component 6: Project implementation support - US\$25 million:** This component will finance establishing and operating the Project Management Unit (PMU) and the Project Implementation Units (PIUs). In addition, the component will also finance consultancies required for the preparation and supervision of specific activities, monitoring and evaluation, trainings, exposure visits, studies on safety net practices in

ANNEXURE 4

SHEET 7

Project Components	Total Cost (US\$ M)	IDA Financing (US\$ M)	Financing
<i>Total Financing Required</i>		250.0	

Note: Total may not match due to rounding.

ANNEXURE 4

SHEET 8

PROCEEDINGS OF THE COMMISSIONER OF POLICE, VISAKHAPATNAM CITY.

Present: Amit Garg, IPS.

C.No.400 /CP/VSP@/2015

Dt. 3 -11-2015

Sub: Police Commissionerate, Visakhapatnam City –
Imposing restriction on over speeding of all vehicles
plying on NH-16, SH and VMC Roads of
Visakhapatnam City – Notification issued – Reg.

Ref: C.No.25/ADCP(T)/VSP/2015, dated 28-11-2015 of
ADCP, Traffic, Visakhapatnam City.

It is reported by the Addl. Deputy Commissioner of Police,
Traffic, Visakhapatnam City that number of road accidents are
occurring on National High Way-16, State High way and other roads of
G.V.M.C., Visakhapatnam City due to over speeding of the vehicles.

NOTIFICATION

I, Amit Garg, IPS, Commissioner of Police, Visakhapatnam
City in exercise of powers vested in me u/s 31 of the Police Act
(Control Act, 1861), r/w Section 115 & 116 of MV Act,1988 hereby
issue the following notification.

These orders are issued in suppression of any other order
issued from this office so far on this subject and the orders mentioned
herein come into force with effect from 29-11-2015.

ANNEXURE 4

SHEET 8

SCHEDULE OF NOTIFICATION

Imposing restrictions on speed limit of all vehicles plying on the following roads by fixing the speed limit as noted against each road.

Name of the Road Stretch	Speed limit required to be restricted.
NH-16 Road from Kurmannapalem to Kommadi	60 KMPH
NH-16 Road from Salapuvanipalem to Kurmannapalem	70 KMPH
NH-16 from Kommadi to Rajulapalem	70 KMPH
State Highway from Anandapuram to Pinagadi Jn. via Pendurthi	60 KMPH
Beach Road from Fishing Harbour till Rushikonda	40 KMPH
Beach Road from Rushikonda to Bheemili	50 KMPH
All other Municipal Roads	40 KMPH

(AMIT GARG)

COMMISSIONER OF POLICE,
VISAKHAPATNAM CITY.

Copy to :

- ✓ The Project Director, Visakhapatnam and Commissioner, GVMC, Visakhapatnam with a request to arrange speed limit boards on NHAI and other roads of GVMC limits respectively.
- ✓ The Collector and Metropolitan Magistrate, Visakhapatnam.
- ✓ The Joint Collector, Visakhapatnam District.
- ✓ The Vice Chairman, VUDA, Visakhapatnam.
- ✓ The Superintendent of Police, Visakhapatnam District.
- ✓ The Deputy Commissioner of Police, Visakhapatnam City.
- ✓ The Deputy Transport Commissioner, RTA, Visakhapatnam.
- ✓ The Revenue Divisional Officer, Visakhapatnam.
- ✓ All the Asst. Commissioners of Police, Visakhapatnam City.
- ✓ The Regional Manager, APSRTC, Visakhapatnam.
- ✓ All the Police Officers of Traffic Division, Visakhapatnam City.
- ✓ All the Circle Inspectors L&O, Visakhapatnam City.
- ✓ The President, Visakhapatnam District Lorry Owners Association, Kannathalli Transport, DNo.43-20-27, TSN Colony, Dondaparathi, Visakhapatnam-16.
- ✓ The President, Mini Transport Association (Mini van owners welfare Association), Beside Isukathota petrol bunk, Sector-4, MVP Colony, Visakhapatnam.
- ✓ The President, Sand supply lorries Association (Sri Srinivasa building materials Transport), DNo.54-4-57, Isukathota, Opp. ICICI Bank, Visakhapatnam.
- ✓ The Regional Director, Govt. Printing Press, Visakhapatnam with a request to publish the same in the District Gazette.

Accept

S. Babu
PC/212
02/12/15
Ziv
Received (13) Cover

12/15
3/12/15
DISPATCH CLERK
No Commissioner of Police
Visakhapatnam-2

Dep. Ho:
S. V. Reddy
H. R. N.

ANNEXURE 4

SHEET 9

PPP PROJECT
PUBLIC PRIVATE PARTNERSHIP SEWAGE RECYCLING PROJECT



323 EE (UGD)

EE(UGD)

GREATER VISAKHAPATNAM MUNICIPAL CORPORATION

Design, Construction, Development, Finance, Operation & Maintenance of Various Plant, Equipment & Facilities for Recycling & Reuse the waste water from two STPs of 25 MLD & 38 MLD to bring the quality to the required standards of End Users, identify the buyers and sell the water to prospective buyers in the State of AP on Build Operate Transfer(BOT) basis – under PPP mode.

CONCESSION AGREEMENT No. ___/2012-13/ CE/SE-II(P)/EE-II(UGD-P)
Dated ___

CONCESSIONAIRE

M/s. VISAKHA WATER RECLAMATION INFRASTRUCTURE
PN. LTD. VISAKHAPATNAM.

VOLUME-I

Concession Agreement



Office of the
COMMISSIONER
GREATER VISAKHAPATNAM MUNICIPAL CORPORATION
Telephone No: 0891-2754565, Fax. No: 0891-2754565

ANNEXURE 4

SHEET 9

Agmt No: 01/2012-13/Commissioner/CE/SE-II(P)/EE(UAD-P)/GVMC/PPP DT 25-07-2



தமிழ்நாடு தமில்நாடு TAMILNADU

AK 469668

Visakha Water Reclamation
Infrastructure Pvt. Ltd.

P.P. Gowri
P.P. GOWRI
STAMP VENDOR
L. No. 58/2172/B3/96
Plot No. 1076, 'O' T.V.S. Colony
CHENNAI-600 101

17319
18 JUL 2012

- : CONCESSION AGREEMENT FORM :-

CONCESSION AGREEMENT NO: 01 /2012-13, DATE: 25.07.2012

This ^{Concession} Supplemental agreement made the 25 th day of JULY, 2012 between the Commissioner, GREATER VISAKHAPATNAM MUNICIPAL CORPORATION, Visakhapatnam (here in after called the employer) and the VISAKHA WATER RECLAMATION INFRASTRUCTURE PRIVATE LIMITED, Visakhapatnam (here in after called the Concessionaire of the other part)

Where as the employer is desirous that contractor execute the work "Design, Construction, Development, Finance, Operation and Maintenance of various Plant, Equipment and Facilities for Recycling and Reuse the waste water, from Two STPs of 25 MLD & 38 MLD including Operation and Maintenance of these two STPS. to bring the quality to the required standards, of the End Users, identify the buyers and sell the water to prospective buyers in the State of Andhra Pradesh on Build Operate Transfer (BOT) Basis" (here in after called the works) and the employer has accepted the bid for execution and completion of such works and the remedying of the defects therein, by the Contractor.



Concessionaire

AK Gop...

Comr

GREATER VISAKHAPATNAM MUNICIPAL CORPORATION
VISAKHAPATNAM

ANNEXURE 4
SHEET 10

5/2/15



ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

BH 188094

S.No. 247 Date 05/02/15 Rs. 100/-

JUNIOR ASSISTANT -
EX-OFFICIO STAMP - VENDOR
VIZAGHAPATNAM

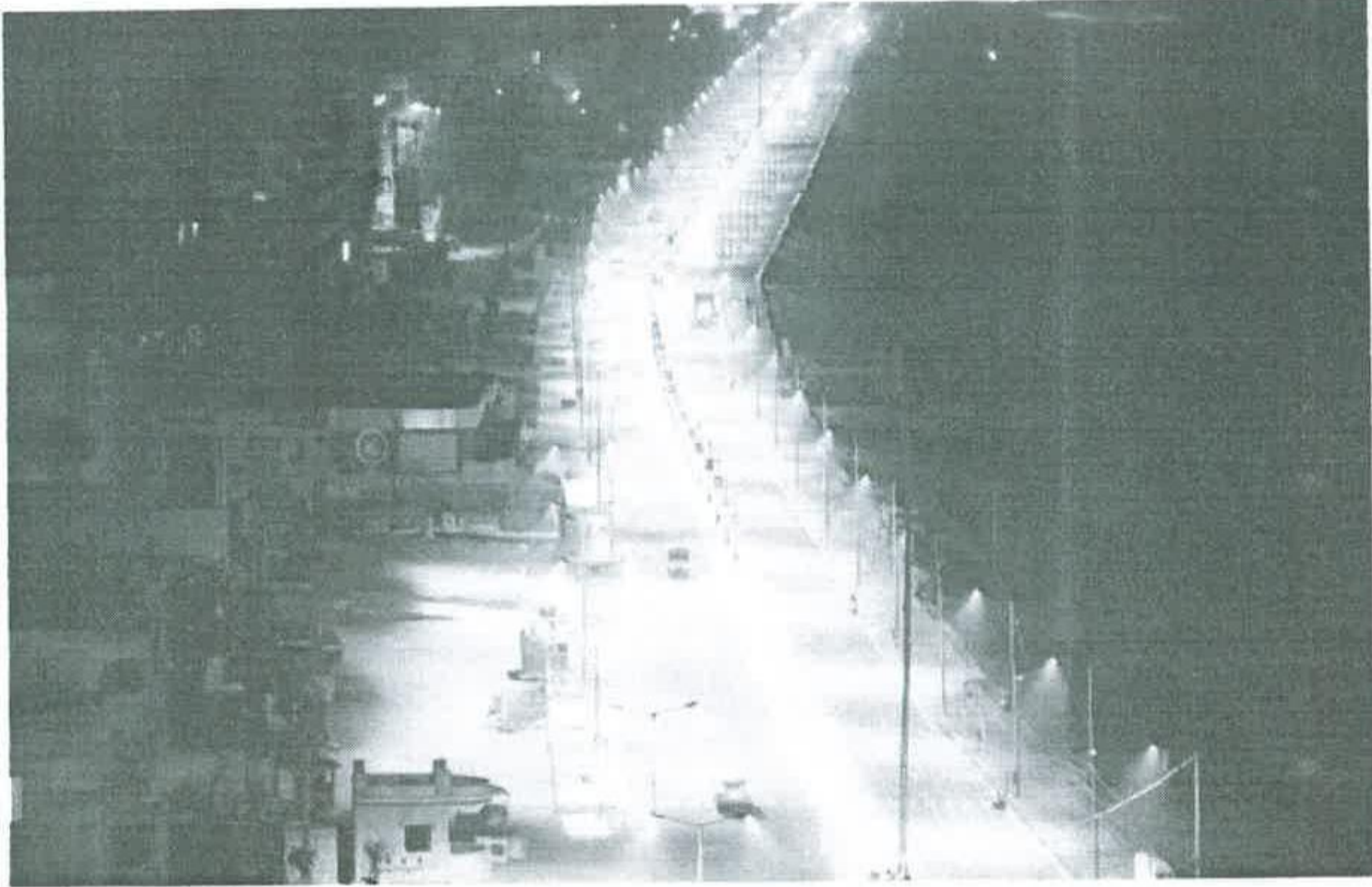
Sold to: ... Vishwanath P

For whom: ...
Energy Efficiency Services
NOIDA

LED STREETLIGHT PROJECT IMPLEMENTATION
AGREEMENT

(Handwritten signatures)

ANNEXURE 4
SHEET 10



LED STREETLIGHT PROJECT IMPLEMENTATION
AGREEMENT

— BETWEEN —

GREATER VISAKHAPATNAM MUNICIPAL CORPORATION

- AND -

ENERGY EFFICIENCY SERVICES LIMITED (EESL)
4TH FLOOR, IWAI BUILDING, A-13,
SECTOR-1, NOIDA-201301, (UP)

ANNEXURE 4

SHEET 11

F. No N-11011/46//2015- HFA-3 (FTS 14150)
Government of India
M/O HOUSING & URBAN POVERTY ALLEVIATION
(HFA DIRECTORATE)


Nirman Bhawan, New Delhi,
Dated: 26 November, 2015

OFFICE MEMORANDUM

Sub: Minutes of the 3rd meeting of the Central Sanctioning-cum-Monitoring Committee (CSMC) for Pradhan Mantri Awas Yojana (PMAY) Urban.

The undersigned is directed to forward herewith a copy of the minutes of the 3rd meeting of the Central Sanctioning-cum-Monitoring Committee (CSMC) for Pradhan Mantri Awas Yojana (PMAY)-Housing for All (Urban) Mission held on 18th November, 2015 at New Delhi with Secretary, Ministry of Housing & Urban Poverty Alleviation in chair, for information and necessary action.

Encl: As above


(Vinod Gupta)
Under Secretary to the Govt. of India
Tel: 011- 23062859

To,

Members of the CSMC as follows:

1. Secretary, Ministry of Urban Development, Nirman Bhavan, New Delhi
2. Secretary, Department of Expenditure, Ministry of Finance, North Block, New Delhi.
3. Secretary, Ministry of Social Justice and Empowerment Shastri Bhavan, New Delhi.
4. Secretary, Department of Health and Family Welfare, Nirman Bhawan, New Delhi.
5. Secretary, Department of Financial Services, Ministry of Finance.
6. Secretary, Ministry of Labour & Employment, Shram Shakti Bhawan, New Delhi
7. Secretary, Ministry of Minority Affairs, Paryavaran Bhawan, New Delhi
8. Joint Secretary (UPA), MoHUPA.
9. Joint Secretary (Housing), M/o HUPA
10. Joint Secretary and Financial Adviser, Ministry of U D & M/o HUPA, Nirman Bhavan, New Delhi.
11. Mission Director (Smart Cities), MoUD.
12. Joint Secretary & Mission Director –in charge of HFA, MoHUPA

ANNEXURE 4


SHEET 11

Special Invitees:

1. The Secretary to Government, Housing Department, Govt. of Andhra Pradesh.
2. The Secretary, Housing and Urban Development Department, Government of Tamil Nadu, Secretariat, Chennai – 600009.
3. The Principal Secretary to Government, Municipal Administration & Urban Development Department, Government of Telangana, D-Block, 1st Floor, Secretariat, Hyderabad- 500022
4. The Principal Secretary, LSG&CEO, RUIFDCO, Government of Rajasthan.
5. The Secretary to Government, Housing Department, Government of Gujarat, 3rd Floor, Pragatinagar, Naranpura, Ahmedabad-380013.
6. RICS School of Built Environment, Amity University, Noida.
7. Central Building Research Institute (CBRI), Roorkee.

Copy to:

1. CCA, M/o (UD & HUPA)
2. CMD, HPL
3. ED (BMTPC), India Habitat Centre, Lodhi Road, New Delhi
4. DCP (Projects), HUDCO, India Habitat Centre, Delhi
5. Director-(HFA-1), M/o HUPA
6. Deputy Secretary (IFD)
7. Deputy Secretary-HFA-4
8. Deputy Secretary-HFA-3
9. Under Secretary-HFA-1
10. Under Secretary-HFA-2
11. Under Secretary-HFA-4



(Vinod Gupta)

Under Secretary to the Govt. of India

Copy also to:-

1. PPS to Secretary (HUPA)
2. PS to JS (UPA)
3. PS to JS (H)
4. P.S. to D G (NBO)
5. G.M (Projects), HUDCO, India Habitat Centre, Delhi
6. Head PMU, HFA mission.
7. Section Officer-HFA-1/HFA-2 /HFA-3/HFA-4
8. Accounts Officer (JNNURM/HFA)



(Vinod Gupta)

Under Secretary to the Govt. of India

ANNEXURE 4

SHEET 11

Agenda 4: Consideration for approval of Central Assistance for the 78 Projects submitted by Government of Andhra Pradesh under Affordable Housing in Partnership.

6.1 JS&MD submitted that Agenda No. 4 is for consideration of 78 AHP projects submitted by Government of Andhra Pradesh and requested Secretary (Housing) and Mission Director, Government of Andhra Pradesh to give further details.

6.2 Secretary (Housing), Government of Andhra Pradesh made a detailed presentation on housing requirements both in rural and urban areas in Andhra Pradesh as well as on the strategy being adopted by Government of Andhra Pradesh for meeting

ANNEXURE 4

SHEET 11

the housing shortage. He submitted that Government of Andhra Pradesh is focussed on providing housing for all using innovative building technologies for achieving faster and better construction. He further submitted that though the present CSMC's agenda is for 78 AHP projects in 38 cities consisting of 1,20,106 houses, State Government requests CSMC to consider 32 beneficiary led construction projects submitted by State along with these 78 AHP projects. The State Secretary cited the strength of Government of Andhra Pradesh in implementing beneficiary led construction projects in past.

6.3 Chairperson permitted Secretary (Housing) of Andhra Pradesh to present 78 AHP projects followed by a presentation on 32 beneficiary led projects.

6.4 Secretary (Housing), Government of Andhra Pradesh highlighted following points while making presentation on proposals:

- (i) These projects will be implemented by Andhra Pradesh State Housing Corporation Ltd (APSHCL). The State Government reported sufficiency of expertise and technical resources in implementing state-wise projects.
- (ii) State Government land is being made available for all these projects.
- (iii) Operational and Maintenance of all these projects in the first 2 years will be the responsibility of State Government implementing agency. Thereafter the houses will be maintained by individual beneficiary on their own or through some collective mechanism.
- (iv) It was submitted that State Government has prepared quality assurance plans which will be implemented for these projects.
- (v) He further informed that State will use innovative and disaster resistant technology in implementing these projects. Infrastructure will be provided by concerned ULBs/concerned State Government agencies in all these projects and projects will be completed in 2 years.
- (vi) On the question of 13 projects with less than 250 houses, Secretary (Housing), Government of Andhra Pradesh explained that out of 13 projects, 9 projects are in one city which collectively have more than 250 DUs if entire city is taken into account and only 4 projects have less than 250 houses if taken on city basis. On the question of adversity to cost economics in implementing these small projects,

ANNEXURE 4

SHEET 11

he assured that since these projects are being implemented across the State, there will be no adversity to cost economics in implementing these projects. CSMC agreed to the submission of Government of Andhra Pradesh in relaxation of para 6.4 of the Guidelines.

- (vii) Secretary (Housing), Government of Andhra Pradesh further informed that cost of the houses is expected around Rs. 5.5 Lakhs. GoI assistance of Rs. 1.5 lakh will be factored in while finalising the cost to the beneficiary. Government of Andhra Pradesh is providing land free of cost and in addition, it is contemplating financial assistance of Rs. 1 lakh to Rs. 1.5 lakh and in that case final cost to the beneficiary will range from Rs. 2.50 lakhs to Rs. 3.00 lakhs.
- (viii) SLSMC has approved these projects in its meetings held on 30.10.2015 and 03.11.2015 respectively.

6.5 CSMC, after detailed deliberation approved total Central Assistance amounting to Rs. 1,80,159.00 Lakhs (Rs. One lakh eighty thousand and one hundred fifty nine lakhs only) @ 1.50 Lakhs per EWS house for 1,20,106 EWS houses of 78 AHP projects in 38 cities approved by the SLSMC of the State Government of Andhra Pradesh. The details of the projects are at **Annexure-5**. CSMC also approved release of first instalment of 40% of amount of Central assistance i.e. Rs.72,063.60 Lakhs. CSMC also noted that Government of Andhra Pradesh will extend financial assistance of Rs. 1.0 Lakh to Rs. 1.5 Lakh per DU and cost to the beneficiary will range from Rs. 2.5 lakh to Rs. 3.0 Lakh.

6.6 CSMC also observed the following for compliance from the State Government

- (i) List of beneficiaries should be finalised along with their social and other categories before release of 2nd instalment. Beneficiary should be identified as per Mission Guidelines with adherence to all criteria.
- (ii) State and ULB need to ensure availability of infrastructure and deploy disaster resistant features in implementing these projects.
- (iii) Since financing of these projects also depends on contribution from beneficiary, therefore these AHP projects should be started on ground only after minimum number of beneficiaries have booked their houses in these projects.

ANNEXURE 4

SHEET 11

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ANNEXURE 4

SHEET 11

Slums - Housing Requirement - Proposed under Prime Minister's Awas Yojana (PMAY) under Smart city selected area					
S.No.	Ward No	Name Of The Slum	Ownership Of Land	Dwelling Units Requirement	Remarks
1	17	Adarsa Gramam	State Govt	72	Proposed in G+2 pattren
2	17	Pedda Jalari peta	State Govt	500	Since house construction is not permitgtd under CRZ regulations, units proposed for hut dwellers under HUDHUD in revenue land identified near Kailasagiri
3	20	ANGATI DIBBA	Waqf	358	Since the land is vested with GVMC under the notification issued for slum development, insitu housing units are proposed.
4		In all other 20 slums		200	
Total				1130	

ABSTRACT	
No.of Housing Units proposed under PMAY /HFA	: 1130
Unit Cost per each House	: Rs.4,80,000/-

ANNEXURE 4

SHEET 12



Government of Andhra Pradesh Municipal Administration & Urban Development Department

MINUTES OF THE 2nd MEETING OF THE HIGH POWERED STEERING COMMITTEE (HPSC) HELD ON 9.12.2015 AT 6:00 PM IN THE CONFERENCE HALL OF THE CHIEF SECRETARY TO GOVERNMENT, GOVERNMENT OF ANDHRA PRADESH, SITUATED AT L BLOCK, 7th Floor, A.P. SECRETARIAT, HYDERABAD.

Sri I.Y.R. Krishna Rao, I.A.S., Chief Secretary to Government.	- Chairman
Sri Karikal Valavan, I.A.S., Principal Secretary, MA&UD.	- Mission Director
Sri Ravichandra, I.A.S., Secretary to Govt, Finance Dept.	- Member
Sri. K. Kanna Babu, I.A.S., Managing Director, APUFIDC.,	- Member
Dr. P Pandurungarao Engineer-in-Chief, PH, A.P.	- Member

The Principal Secretary to Govt., MA&UD. & the Mission Director and Member Secretary of the High Powered Steering Committee of Smart Cities Mission, AP. honored the Chief Secretary & Chairman of the Committee to chair the 2nd HSPC Meeting, and also welcomed the other Committee Members, Senior Officers, and Participants.

The Chief Secretary & Chairman of the High Powered Steering Committee of the Smart Cities Mission, AP chaired the 2nd H.S.P.C Meeting and welcomed all the Committee Members, Prl. Secretaries, Commissioners of the Smart Cities and participants, and invited to proceed further.

The Mission Director & Member Secretary outlined the objective of the 2nd High Powered Steering Committee as to consider and approve the Smart City proposals (SCPs). The SCPs are prepared by the three Challenging Cities of Tirupati, Kakinada and Visakhapatnam for submitting to the Ministry of Urban Development, Government of India. The last date for submission of SCPs is 15th December, 2015

ANNEXURE 4

SHEET 12

and upon their submission, the three cities would be considered for the Stage II of the Smart City Challenge. He briefed the process the Cities followed in preparing the SCPs , and also introduced to the Committee the Consultants selected by the Cities for SCP preparation viz., AECOM India Ltd. by Visakhapatnam, IIDC by Kakinada and Lea Associates by the Tirupati City. The Mission Director requested the three Commissioners to make their presentations before the Committee.

The three Mission Cities made a detailed Power Point Presentation on their Smart City Proposals. The presentations covered in various dimensions of each City - Geographical, Sociological, Economical features, Urbanization Trends over the years, and the present level of development specifically in core areas. They analyzed very intensively on the strengths and scope for development that is assessed from the perspective of various cross sections and interested Groups in the City. The presentations elaborated the scientific and transparent methods they adopted for generating public opinion as to what is a smart city for them. The Commissioners also deliberated on the Development strategy suitable for the City whether Area Based Development, or Retrofitting or Redevelopment or a Greenfield model. The presentations covered Pan-city initiatives with smart solutions. The Financial proposals are also placed before the Committee.

Smart City Proposals of Tirupati :

Sri Vinay Chand, IAS., Commissioner Tirupati Municipal Corporation placed SCP of Tirupati City before the HPSC. Under the Mission, Area Based Approach is proposed for making Tirupati a Smart City. He explained that considering the Geographical setting of the city surrounded by hills and dense forest, importance as religious destination and the need and demand by its compact areas for improved and better mobility and urban public transport, the Area Based Approach would be the ideal model for Tirupati. In the Financial proposal, the total Project outlay is projected as Rs.2629 crores which is the total of the shares of Government of India, State Government and the Tirupati City.

Resolved : The Committee considered Smart City Proposal in its entirety. It is observed that the Proposal contain essential features as indicated in the Smart City Guidelines of the GoI. After due deliberations and review, the High Powered Steering Committee approved the Smart City proposal of Tirupati. The Financial plan for Rs 2,629 Crs is also approved.

ANNEXURE 4

SHEET 12

Smart City Proposal of Vishakhapatnam

Sri Praveen Kumar, IAS., Commissioner, Visakhapatnam Municipal Corporation submitted the Smart City Proposal before the HPSC. Area Based Approach is proposed for the City Development under the Mission. He explained that in the other two models of Retrofitting, and Redevelopment the issue of High Project Cost, and Land acquisition involved and would go beyond the financial out lay of the Smart City Mission. In Financial proposal the total Project outlay is projected as Rs.1584 crores which is the total of the shares of Government of India, State Government and the Visakhapatnam .

Resolved: The Committee considered Smart City Proposal of Visakhapatnam in its entirety. The Proposal contain essential features outlined in the Smart City Guidelines of GoI. After due deliberations and review, the High Powered Steering Committee approved the Smart City proposal. The financial plan for Rs 1584 Crs for Visakhapatnam is also approved.

3

Visakhapatnam Smart City

APEDCL: The Commissioner, Vishakapatnam explained to the Committee that approvals of the Energy Department is required to implement the projects relating to the Smart Meters and Underground wiring in the selected areas under Integrated Power and to extend its policy of buying the power from the property owners under net metering approach to the SPV. The Missioner Director informed that MAUD Department requested the Secretary , Energy to include the Proposal in the IPDS , and that he agreed to the same. The Committee approved and resolved to include the proposal in the SCP.

The 2nd High Powered Steering Committee considered and approved the three Smart City Proposals . All the proposals of three Smart Cities requiring inter departmental convergence are also approved to be included in the SCP.

6

ANNEXURE 4

SHEET 12

The meeting adjourned with a vote of thanks to the Chair.

No. 1000
State Mission Director
Principal Secretary to Government
Municipal Administration and
Urban Development Department
Government of Andhra Pradesh
A.P. Secretariat, Hyderabad - 500 022.

[Signature]
Chairman
Chief Secretary
Govt. of Andhra Pradesh
A.P. Secretariat, Hyderabad-22.

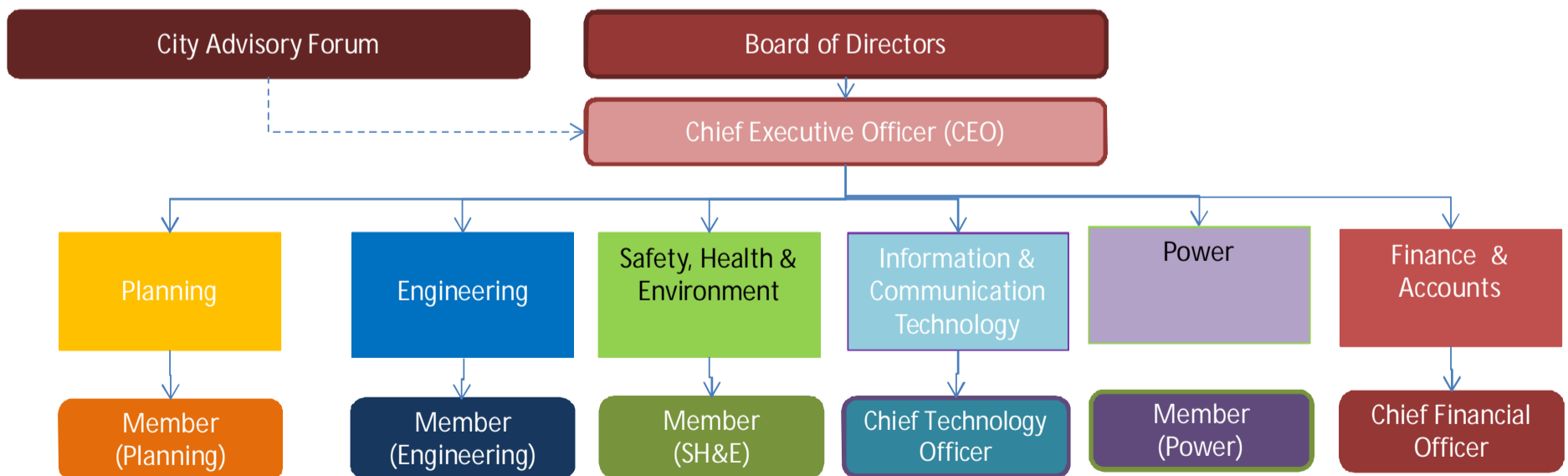
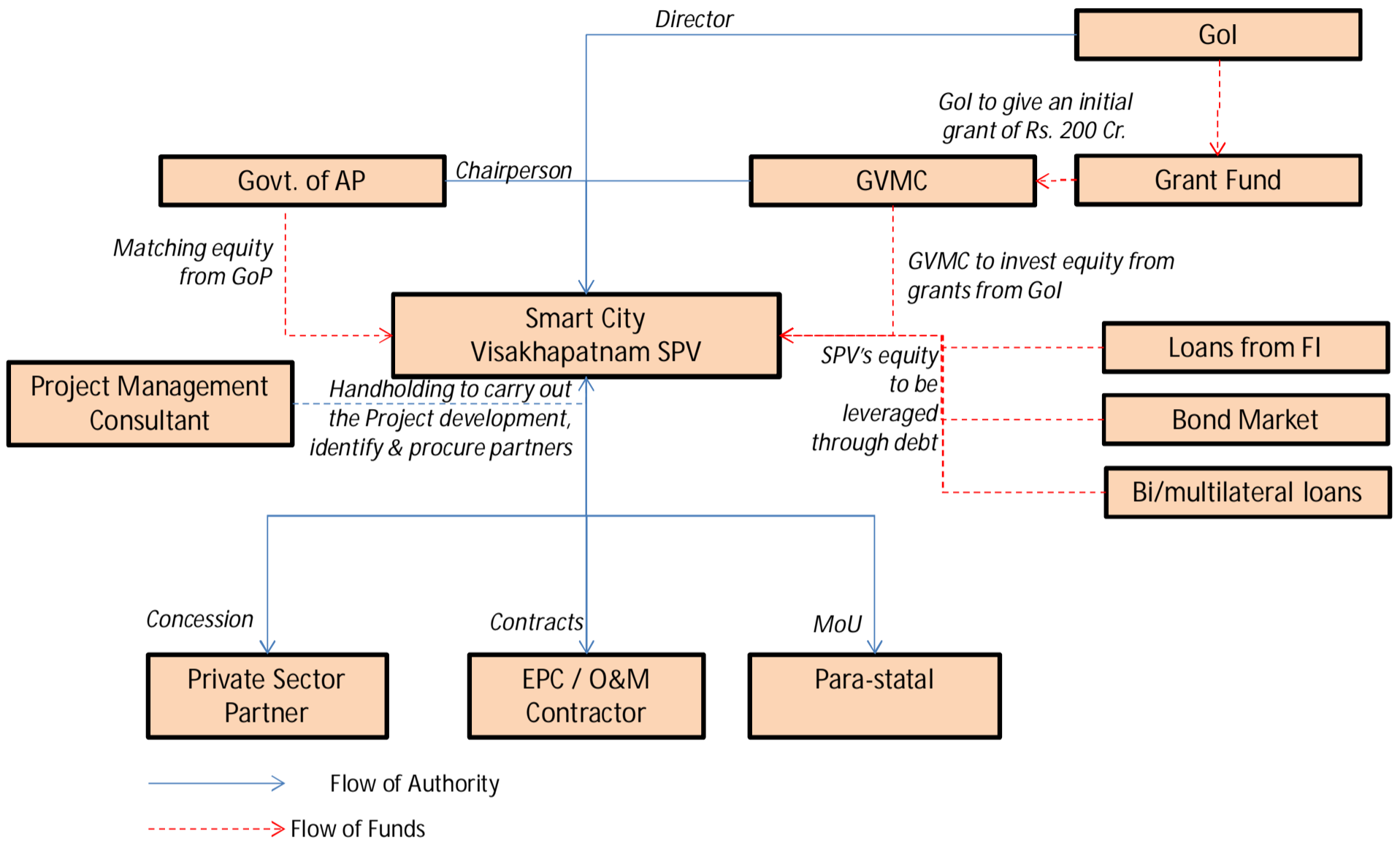
Other Officials present:

- Sri. B. Sambob, I.A.S., Spl. C.S, T, R & B Department
- Sri. Manmohan Singh, I.A.S., Principal Secretary, AHDD&F, Home
- Sri. L. Agarwal, I.A.S, Secretary (Housing), Housing Department
- Sri. Pravin Kumar, I.A.S., Commissioner, GVMC
- Sri. Dr. T. Babu Rao Naidu, I.A.S., Vice-Chairman, VUDA
- Sri. V. Vinay Chand, I.A.S., Commissioner, Tirupati Municipal Corporation
- Sri. R. Sasidhar, Director (CA), APSRTC
- Sri. K. Ranganathan, Advisor, Energy, DCMC
- Sri. S. Aleem Basha, Commissioner, Kakinada Municipal Corporation
- Sri. G. A. Srinivas, ED, A.P Tourism

ANNEXURE 4

SHEET 13

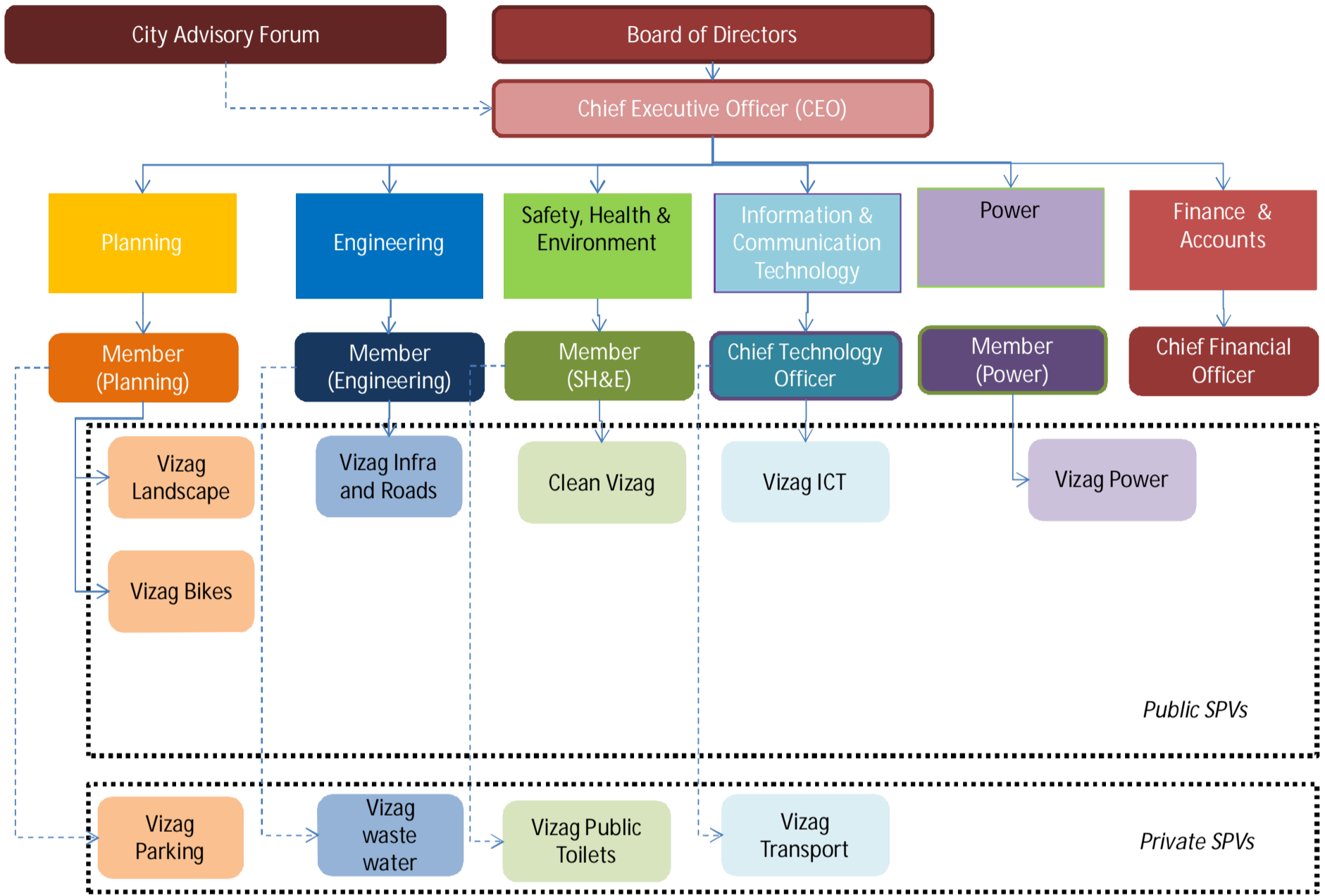
Preliminary Human Resource Plan for the SPV



ANNEXURE 4

SHEET 14

Institutional Arrangement for SPV



ANNEXURE 4

SHEET 14

Institutional Arrangement for SPV Public Child SPVs (Public)

SN	SPV Name	CEO	Projects	Convergence	Cost (Cr.)
1	Vizag Infra & roads	Member (Engineering)	Footpaths; Water Supply (24x7); Sewage (UGD); Storm water Drains; Roadside Drains	AMRUT	65.55
2	Vizag Landscape	Member (Planning)	Green spaces, landscaping, tree plantation, Shore Protection along Beach Road; Beach Beautification Project; Retrofitting of VUDA Park; Refurbishing of Rajeev Memorial + Solar Rooftop; Community Toilets; Housing for all	APDRP, AMRUT, SBM, PMAY,	536.80
3	Vizag Bikes	Member (Planning)	Transportation (Public Bike Sharing+Bike Charging Stations); E-Rickshaws	AMRUT	34.90
4	Clean Vizag	Member (SH&E)	Waste Management; Pollution Monitoring Systems	SBM	4.91
5	Vizag Power	Member (Power)	Underground Wiring; Solar Roof Top; Smart meter; Solar City fund	IPDS, SCM, APDRP	582.25
6	Vizag ICT	CTO	Disaster + E-Governance; Area based ICT Solutions; Science Labs in GVMC Schools	Digital India	196.50
Total					1439.07

Child SPVs (Private)

SN	SPV Name	Initial CEO	Projects	Cost (Cr.)
1	Vizag Parking	Member (Planning)	Multi level Car Park +retail outlets on multiple Plots + Solar Rooftop	66.90
2	Vizag Recycle water	Member (Engineering)	Recycle Water Supply	62.50
3	Vizag Public toilets	Member (SH&E)	Public Toilets (10 no. with 10 seats & Solar roof top); Community Toilets in slums	6.40
4	Vizag Transport	CTO	Smart Signalling & Traffic surveillance + Command/Data Centre; Centrally controlled Monitoring System for Street Lighting	27.00
Total				162.80

ANNEXURE 4

SHEET 15

Statement Showing the Complaint Status of all Zones During 2013 to 2015

Year 2013

Zone	Total Complaints	Resolved	Forwarded	Dept.Pending	Invalid	Resolved %
1	2938	2870	0	0	68	96.9
2	2766	2632	0	13	121	97
3	1457	1406	0	3	48	95.5
4	1967	1921	0	0	46	97.9
5	1266	1128	0	41	97	95.8
6	1130	1105	0	3	22	93.6
Total	11524	11062	0	60	402	95.99

Year 2014

Zone	Total Complaints	Resolved	Forwarded	Dept.Pending	Invalid	Resolved %
1	2933	2843	0	16	74	96.9
2	2628	2548	0	15	65	97
3	1234	1178	0	17	39	95.5
4	2303	2255	0	9	39	97.9
5	665	637	0	14	14	95.8
6	1805	1689	0	7	109	93.6
Total	11568	11150	0	78	340	96.38

Year 2015 Upto 13-12-2015

Zone	Total Complaints	Resolved	Forwarded	Dept.Pending	Invalid	Resolved %
1	2387	1950	196	173	68	81.7
2	3603	3387	132	38	46	94
3	2648	2352	155	52	89	88.8
4	3549	2885	213	392	59	81.3
5	1581	1326	74	119	62	83.9
6	2806	2506	59	189	52	89.3
Total	16574	14406	829	963	376	86.91

Abstract Statement

3 Years	Total Complaints	Resolved	Forwarded	Dept.Pending	Invalid	Resolved %
	39666	36618	829	1101	1118	92.31

ANNEXURE 4

SHEET 15

Statement Showing the Complaint Status of all Zones Department wise
During 2013 to 2015

Year 2013

Department	Total Complaints	Resolved	Pending	Invalid	Resolved %
Electrical	5741	5623	1	117	97.9
Engineering	542	448	69	25	82.7
Grievance Cell	574	491	20	63	
Horticulture	50	49	1	0	98
I.T.Department	540	539	1	0	99.8
Paper Cutting	2	2	0	0	100
Public Health	1642	1591	2	49	96.9
Public Health Vet	725	715	10	0	98.6
Revenue Section	65	56	3	6	86.2
Town Planning	955	867	88	0	90.8
Water Supply	652	642	10	0	98.5
Total :	11488	11023	205	260	95.95

Year 2014

Department	Total Complaints	Resolved	Pending	Invalid	Resolved %
Electrical	6404	6248	10	146	97.6
Engineering	764	663	62	39	86.8
Grievance Cell	772	551	189	32	71.4
Horticulture	89	89	0	0	100
I.T.Department	82	82	0	0	100
Paper Cutting	1	1	0	0	100
Public Health	1821	1778	1	42	97.6
Public Health Vet	910	892	2	16	98
Revenue Section			0		
Town Planning	827	759	0	68	8.2
Water Supply	831	805	3	23	96.9
Total :	12501	11868	267	366	94.93

Year 2015 upto 13-12-15

Department	Total Complaints	Resolved	Pending	Invalid	Resolved %
Electrical	9399	8201	992	206	87.3
Engineering	1330	841	431	58	63.2
Grievance Cell	1642	450	1191	1	27.4
Horticulture	14	5	9	0	35.7
I.T.Department	6	4	0	2	66.7
Paper Cutting	0	0	0	0	0
Public Health	2373	2152	198	23	90.7
Public Health Vet	1326	1309	16	1	98.7
Revenue Section	18	10	8	0	55.6
Town Planning	1276	1100	97	79	86.2
Water Supply	1148	982	151	15	85.5
Total :	18532	15054	3093	385	81.23

Abstract Statement for 3 years i.e. 2013 to 2015

Department	Total Complaints	Resolved	Pending	Invalid	Resolved %
Electrical	21544	20072	1003	469	93.17
Engineering	2636	1952	562	122	74.05
Grievance Cell	2988	1492	1400	96	49.93
Horticulture	153	143	10	0	93.46
I.T.Department	628	625	1	2	99.52
Paper Cutting	3	3	0	0	100.00
Public Health	5836	5521	201	114	94.60
Public Health Vet	2961	2916	28	17	98.48
Revenue Section	83	66	11	6	79.52
Town Planning	3058	2726	185	147	89.14
Water Supply	2631	2429	164	38	92.32
Total:	42521	37945	3565	1011	89.23

ANNEXURE 4

SHEET 16

IT Modules in GVMC

- ✓ **Collection Module (Taxes):** Collection of all Taxes like House, Tap, Leases etc.,
- ✓ **Counter Module (Non-taxes):** Collection of all Non-Taxes like BA,EMD etc.,
- ✓ **Taxation:** For New ML's, Enhancements and Title Transfers etc., Using Tablet PC and Web Application
- ✓ **Leases:** Registering / generating of new shop keys and New Complexes etc.,
- ✓ **Accounts:** Budget Booking of Gen Code, Checking the budget for the bills etc.,
- ✓ **EMS:** Registration of New bills, Voucher Id, Sanction Order & Budget Checking etc.,
- ✓ **Payroll:** Creation of new Employee, Generating Salary/ Supplementary Bills, Loan
Details, Quarter's allotment details, Report generations of employees etc.,
- ✓ **Water Supply Management System:** Generating New water key, Modifications etc.,
- ✓ **Water Supply Monitoring System:** Monitoring the status of the water reservoirs
levels & Updating of the reservoir levels
- ✓ **Building Plan Approval:** Drawings of the building plans will be approved by the
Town planning section basing on the town survey numbers
- ✓ **D & O Trades:** Generating License for the trades etc.,
- ✓ **Complaints:** Complaints Redressal is done through call center.
- ✓ **Contractor:** Registration of Contractor, Modifications etc.,
- ✓ **File Monitoring System:** Work bills stages can be tracking etc.,
- ✓ **BPS:** Registering of new building etc.,
- ✓ **UGD:** Generation of UGD Key and creation of tax for UGD etc.,
- ✓ **ID Bond (taxes & water charges):** Generating new Id Bond key/water charge etc.,
- ✓ **Dial A Tanker:** Key is generated while booking a tank, Amount is added to the collection module application,
When water is supplied to the booking address, the key stage will be closed.
- ✓ **Internal / External Website:** All sort of links are provided in the portal & Modifications are done on timely basis.
- ✓ **Reports:** Depending upon the login related reports are displayed.
- ✓ **E-suvidha Web Service:** Provided Web services to Meeseva for collection of Taxes.
- ✓ **Online and Mobile(APP) Payments** through Credit, Debit and Net Banking.
- ✓ **Adhar Reports.**
- ✓ **IHHL Toilets Reports** and Payments in coordination with Swatcha Bharat.
- ✓ **Kiosk** for GVMC Information and Smart City Survey.
- ✓ Provided Web services to **CDMA** for Collection reports and Others.
- ✓ Provided Web services to **Softtech Engineers Pvt.Ltd** for BPS application development.
- ✓ Marriage Certificate Application.
- ✓ Implementing E-Office

ANNEXURE 4

SHEET 17

GOVERNMENT OF ANDHRA PRADESH POLICE DEPARTMENT

From To
K.Mahendra Patrudu, The Commissioner,
Addl. Dy. Commr. of Police, GVMC,
Traffic, Visakhapatnam City. Visakhapatnam.
C.No. 147 ADCP(T)/VSP ©/2015, dated: 10-12-2015

Sir,

Sub: Police Commissionerate - Visakhapatnam City - Information with regard to road accidents occurred in the surrounding areas of RK Beach for the years 2011 to 2015 upto November - Submission - Reg.

Ref: Letter of Commissioner, GVMC, Visakhapatnam, dt.08.12.15.

* * *

With reference to the subject cited, the information is pertaining to the road accidents occurred in the surrounding areas of RK Beach i.e from Coastal battery Jn. to Pedawaltair depot Jn. on beach road, Pedawaltair Depot Jn. to Visakha Eye hospital Jn., from Visakha Eye hospital to Watch house Jn., from Watch house Jn. to Coast battery down Jn. for five years from 2011 to 2015 upto November is illustrate below as requested.

2011			
Type accident	Reported	Deaths	Injured
Fatal accident	11	11	5
Non-fatal accident	50	--	55
Total	61	11	60

2012			
Type accident	Reported	Deaths	Injured
Fatal accident	12	12	--
Non-fatal accident	44	--	54
Total	56	12	54

2013			
Type accident	Reported	Deaths	Injured
Fatal accident	07	07	02
Non-fatal accident	53	--	64
Total	60	07	66

2014			
Type accident	Reported	Deaths	Injured
Fatal accident	13	14	11
Non-fatal accident	42	--	45
Total	55	14	56

2015			
Type accident	Reported	Deaths	Injured
Fatal accident	11	11	01
Non-fatal accident	38	--	48
Total	49	11	49

Yours faithfully,


Addl. Dy. Commissioner of Police,
Traffic, Visakhapatnam City.

ANNEXURE 4

SHEET 18

WATER SUPPLY PROJECTS TAKEN UP UNDER JNNURM

S.No	Name of the Project	Project Cost Rs. In Cr	Present Status
1	Replacement of Thatipudi Pipeline	66.05	Completed
2	Pipeline from TSR to Kommadi	23.4	Completed
3	Gajuwaka - Augumentation of Water Supply	48.31	Completed
4	Gajuwaka - refurbishment of Water Supply	46	Completed
5	Water Supply to 32 peripherals areas	253.07	90% Completed. Target date of complition 3/2016
6	Refurbishment of Water Supply in Old City area.	47.93	90% Completed. Target date of complition 3/2016
7	Refurbishment of Water Supply in North East Central City area.	190.18	85% Completed. Target date of complition 3/2016
8	24/7 Water Supply South West Central City	83.49	34% Completed. Target date of complition 12/2016
Total		758.43	

ANNEXURE 4

SHEET 18

WATER SUPPLY PROJECTS PROPOSED WITH ADB FUNDS IN GVMC

Sl.No	Name of the Project	Project Cost Rs. In Cr	Funding Agency	Remarks
1	24/7 Water Supply in North West Central City	350	ADB Funds (VCIC-Tranche-I)	DPR Submitted to Government and is under consideration for approval with ADB under Tranche-I of VCIC ✓
2	Comprehensive Water Supply Scheme in Anakapalle & 5 Surrounding Panchayats	55.7	ADB funds (VCIC-Tranche-I)	DPR Submitted to Government and is under consideration for approval with ADB under Tranche
3	Comprehensive Water Supply Scheme in Bheemili	188.00	ADB funds (VCIC-Tranche-I)	DPR Submitted to Government and is under consideration for approval with ADB under Tranche
4	10 TMC pipe line from Yeleswaram to Narava	1739.43	ADB Funds (VCIC Tranche-I)	DPR Submitted to Government and is under consideration for approval with ADB under Tranche-I
5	Pipe line from Raiwada to Narava	380.72	ADB FUNDS (VCIC Tranche-II)	DPR Submitted to Government and is under consideration for approval with ADB under Tranche-II
	Total	2713.85		

ANNEXURE 4

SHEET 18

GREATER VISAKHAPATNAM MUNICIPAL CORPORATION

DETAILS OF WATER SUPPLY INFRASTRUCTURE CREATED IN THE RECENT YEARS UNDER JNNURM

Sl.No	Details of Infrastructure	Existing		Newly Created/Being Created Infrastructure		Total Capacity	Remarks
		Nos	Capacity	Nos	Capacity		
1	Water Treatment Plants	7	66.7 MGD	4	39.94 MGD	106.64 MGD	59.9% Increase
2	ELSRs/GLSRs	278	82000KL	78	74080KL	156080KL	90% Increase
3	Pipelines						
	a) Distribution		1400KM		1400KM	2800KM	100% Increase
	b) Feeder Mains and other Trunk Mains		400KM		390KM	790KM	97% Increase

ANNEXURE 4

SHEET 19

GREATER VISAKHAPATNAM MUNICIPAL CORPORATION

FUNDS PROCURED THROUGH LOANS / BONDS TO MEET THE 30% ULB SHARE UNDER JNNURM SCHEME & DETAILS OF PAYMENT OF INTEREST / PRINCIPLE AS ON
12/11/2015

S.No	Name of the Agency	Loan/ Bonds	Amount	Tenure in Years	Period		Interest Rate per month	Due Date for payment of interest	Repayment of Principle		Out standing Amount
					From	To			Due Dates	Amount	
1	LIC of India, Mumbai	Bonds	70	8	27-10-2008	31-10-2016	11%	30th April, 31st October	31-10-2014 31-10-2015 31-10-2016	23.34 23.34 23.32	23.32
2	Bank of India	Loan	89.67	15	30-06-2010	30-06-2025	11.50%	Monthly basis	23 Half years from 2013 to 2025 30th Jun. 30th Dec.	4.17 X 23 Half Years	58.82
3	Darashaw & Company Pvt. Ltd. Hyderabad	Bonds	30	8	13-09-2010	13-09-2018	9.50%	13th Sept. 13th March,	13-09-2016 13-09-2017 13-09-2018	10.00 10.00 10.00	30.00
4	HUDCO	Loan	100	15	02-10-11	31-08-2025	10.25%	Quarterly	26 Half years from 2013 to 2025 28th Feb. 31st Aug.	3.85 X 26 Half years	76.90
5	HUDCO	Loan	70	15	31/5/2014	30/11/2027	10.25%	Quarterly	26 Half years from 2014 to 2027 28th Feb 31 st May 31st Aug 30th Nov	1.34 X 26	61.96
HUDCO TOTAL			170								
GRAND TOTAL			359.67								138.86
Godavari Bonds from LIC of India			65								261.00
					2004			PAID			-

(Rs. In Crores)

ANNEXURE 4

SHEET 20

SMART CITY OPTION-III ELECTRICAL INFRASTRUCTURE

STREET LIGHTING

Ward No	20W LED	40W LED	70W LED	120W LED	160W LED	210W LED	Total
17	672	49	219	95			1035
18	421	70	224	92			807
19	464	24	401	129			1018
20	407	52	475	87			1021
TOTAL:	1964	195	1319	403			3881
Modern Lighting							
Pedawaltair via Polamabaroad RTC Depot to R.K. Beach				313	263	30	606
NTR Statue to Fishing Harbour and Amcosa road, Grand bay road, Circuit house road			47	256	47	6	356
TOTAL:			47	569	310	36	962
Grand Total:	1964	195	1366	972	310	36	4843

ANNEXURE 4

SHEET 21



Brief Rationale

March 27, 2014

CARE REAFFIRMS RATING ASSIGNED TO THE BOND ISSUE OF GREATER VISAKHAPATNAM MUNICIPAL CORPORATION

Ratings

Facilities	Amount (Rs. crore)	Ratings ¹	Remarks
Long term Bond	100 crs	CARE AA (SO)	Rating Reaffirmed

Rationale

The rating of GVMC bond issue factors in the consistent healthy financial position of GVMC which is expected to strengthen further in the coming years with projected improvement in revenue collections. On the receipts front, both revenue and capital receipts have been recording favorable growth. The increase in the number of assessments and the resultant increase in tax (property) collection with newer area being brought under GVMC has been one of the major contributors to the augmented revenue collection. On the expenditure front, the municipal corporation has been all along seen to incur a higher capital expenditure i.e. on asset creation as opposed to non-development expenditure, thereby providing for future revenue streams.

Key financial ratios remain strong with some estimated to register significant improvement in FY14 and FY15, reiterating the comfortable financial health/position of the municipal corporation

Background

Visakhapatnam Municipal Corporation (VMC) was constituted as a municipality in 1858 and subsequently upgraded to a corporation in 1979. It is governed by the VMC Act of 1979. In November, 2005, GoAP issued orders vide its G.O. dated November 21, 2005 for the merger of Gajuwaka Municipality and surrounding 32 Gram Panchayats with VMC to form GVMC. In 2013, two municipalities -Anakapalle and Bheemili and 10 gram panchayats were included in GVMC limits. The area under GVMC has been divided into 6 zones and 78 sub-zones or wards for administrative convenience. 7 more wards are to be added under GVMC, taking the total to 87 wards. GVMC covers an area of 680 sq.km with a population of 20.9 lakhs (2011 census).

Group Head

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²Complete definition of the ratings assigned are available at www.careratings.com and other CARE publications

ANNEXURE 4

SHEET 21

Brief Rationale



March 30, 2015

CARE REAFFIRMS THE RATINGS ASSIGNED TO THE LONG-TERM BOND OF GREATER VISAKHAPATNAM MUNICIPAL CORPORATION

Rating

Facilities	Amount Outstanding (Rs. crore)	Ratings ¹	Remarks
Long-term Bond	76.66 crore	CARE AA (SO)	Reaffirmed
Total	76.66 crore		

Rating Rationale

Greater Visakhapatnam Municipal Corporation (GVMC) continues to record a rather healthy and fairly strong financial position with receipts exceeding its expenditure. Although enjoying a sizeable revenue surplus, there has been a narrowing in the same in FY14 (refers to the period April 1 to March 31) owing to the decline in revenue receipts. The corporation has been recording a moderation in its revenue growth, largely driven by a decline in tax revenue. Own revenues account for nearly 85% of its revenues. As such, the corporation continues to be self-reliant. Estimates for FY15 (RE) and FY16 (BE) envisage a sizeable increase in the surplus to be supported by increased collection of tax and non-tax revenues. On the expenditure front, capital expenditure continues to accounts for the majority of the total expenditure of GVMC, indicating that greater funds are being spent on asset creation. Nevertheless, there has been a decline in GVMC capital expenditure in the 3-year period to FY14.

The key financial ratios of the corporation have seen some deterioration in recent years. They are slated to improve in FY15 and FY16, as per latest estimates.

Background

Visakhapatnam Municipal Corporation (VMC) was constituted as a municipality in 1858 and subsequently upgraded to a corporation in 1979. It is governed by the VMC Act of 1979. In November 2005, GoAP issued orders vide its G.O. dated November 21, 2005, for the merger of Gajuwaka Municipality and surrounding 32 gram panchayats with VMC to form GVMC. In 2013, two municipalities -Anakapalle and Bheemili and 10 gram panchayats were included in GVMC limits. The area under GVMC has been divided into 6 zones and 78 sub-zones or wards for administrative convenience. Seven more wards are to be added under GVMC, taking the total to 87 wards. GVMC covers an area of 544 sq. km with a population of 17.30 lakh (2011).

Analyst Contact

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**For detailed Rationale Report and subscription information, please contact us at www.careratings.com

ANNEXURE 4

SHEET 22

MONTHLY CONSUMPTION OF SERVICES EXISTING IN PROPOSED SMART CITY AREA FOR THE MONTH OF NOV-15

Sl.No	Name of the Section	CAT	Total LT Services	Monthly consumption	Total HT Services	Monthly consumption	Total LT + HT Services	Monthly consumption	Total LT + HT consumption	Total CAT- I services	Monthly consumption
1	D-3	I	2369	440188	10	316124	2379	756312	1709	254593	
2	D-4	I	9465	1915817	8	455348	9473	2371165	8105	1565684	
3	D-5	I	11358	2377688	34	256000	11392	2633688	9609	1937001	
4	SRPM	I	2321	975630	16	425910	2337	1401540	2092	755907	
ZONE-I			25513	5709323	68	1453382	25581	7162705	21515	4513185	
				5.709		1.453		7.163		4.513	

MONTHLY CONSUMPTION OF SERVICES EXISTING IN PROPOSED SMART CITY AREA FOR THE MONTH OF MAY-15

Sl. No	Name of the Section	CAT	Total LT Services	Monthly consumption	Total HT Services	Monthly consumption	Total LT + HT Services	Monthly consumption	Total LT + HT consumption	Total CAT- I services	Monthly consumption
1	D-3	I	1971	440464	10	299781	1981	740245	1689	269643	
2	D-4	I	9333	1999320	8	438081	9341	2437401	8366	1666184	
3	D-5	I	11644	2422889	34	257000	11678	2679889	9189	1937001	
4	SRPM	I	2251	1048200	16	416123	2267	1464323	2024	824404	
ZONE-I			25199	5910873	68	1410985	25267	7321858	21268	4697232	
				5.91		1.41		7.32		4.70	

ANNEXURE 4

SHEET 23

Vizag Smart City Proposal



Housing situation in the city, specifically role of municipality in expediting building plan approvals, enhancing property tax collection, etc

Sl. No.	Questions	2012	2013	2014	2015	Remarks
1	Household coverage of electronic property records (Percentage)					
2	Improvement in time taken for approval of building plan permission by the authorities					Being disposed within the time specified in citizen charter
	i) upto 300 sq.mt site area	15 days	15 days	15 days	15 days	
	ii) above 300 sq.mts site area	30 days	30 days	30 days	30 days	
3	Improvement in property tax collection owing to implementation electronic property records program					
4	No. of new building/layout permissions issued	2763	2270	2461	2472	
5	Slums as a percentage of overall households	39.76	43.76	49.65	52.66	
6	No. of slums redeveloped as a percentage of the total no. of slums	174	194	218	246	

ANNEXURE 4

SHEET 24

EASTERN POWER DISTRIBUTION COMPANY OF A.P.LIMITED
OPERATION CIRCLE : VISAKHAPATNAM

ENERGY AVAILABILITY AND REDUCTION OF OUTAGES IN THE CITY

Sl.No	Questions	2012	2013	2014	2015	Remarks
1	Increase in sources of power generation	-	-	-	-	
2	Household coverage for 24x7 power supply (Percentage)	89	95	98	100	
3	Percentage contribution of renewable sources towards power supply (Percentage)	-	0.25	1	1.2	
4	Percentage reduction of power outages in the City	92	95	93	95	
5	Percentage of households covered by smart meters	-	-	-	-	IRDA Meters proposed to 40% of services
6	Percentage of city covered by underground electrical wiring	1	1	-	-	(25%) Proposed in 1st phase 21 Nos.Sub-Stations under World Bank Scheme


SUPERINTENDING ENGINEER
OPERATION:VISAKHAPATNAM

ANNEXURE 4

SHEET 25

WATER AVAILABILITY IN THE CITY AND REDUCTION IN WATER WASTAGE/NRW

S.no	Questions	2012	2013	2014	2015	Remarks
1	Increase in Sources of water supply	1	-	-	-	Gajuwaka water supply scheme with Yeleru source (taken up under JNNURM) was inaugurated in the year 2012
2	No. of water connections	93186	104441	118600	188095	-
3	Average No. of hours water is available daily	45 min to 60 min	45 min to 60 min	45 min to 60 min	45 min to 60 min	-
4	Efforts made towards reduction of water supply losses due to evaporation and leakages (NRW)	-	-	-	-	The leakages observed were being attended within 24 hours with the help of departmental staff, outsourcing workers and through contractors
5	New reservoirs constructed for improving water supply and their capacity (i.e., Improvement in water storage (MLD))	20 Nos - 13.90 MLD	1 No - 1.50 MLD	5 Nos - 6.80 MLD	7 Nos - 6.10 MLD	The reservoirs constructed in 32 Pheripherals and Gajuwaka water supply augmentation schemes taken up under JNNURM were commissioned and put into use in the respective years from 2012 to 2015.
6	Water reuse and recycling efforts	-	-	-	-	The back wash water from WTPs at Narava was being let into Mehadrigedda reservoir and the water is being reused after settlement
7	Introduction of SCADA system for monitoring water consumption	-	-	-	-	The SCADA system was installed for the bulk water consumers of GVMC in the year 2011-12 for monitoring their water consumption
8	Installation of smart water meters and valves to monitor NRW losses through SCADA system	-	-	-	-	The Smart Digital Water meters were fixed to all the Bulk water connections in the year 2011-12 to monitor the NRW losses through SCADA system
9	Monthly water consumption charges as per connection (based on pipe diameter) (Rs. in Lakhs)	General-15mm Rs. 120 Per month General-20mm Rs. 160 Per month BPL-15mm Rs. 60 Per month	General-15mm Rs. 120 Per month General-20mm Rs. 160 Per month BPL-15mm Rs. 60 Per month	General-15mm Rs. 120 Per month General-20mm Rs. 160 Per month BPL-15mm Rs. 60 Per month	General-15mm Rs. 120 Per month General-20mm Rs. 160 Per month BPL-15mm Rs. 60 Per month	-