

AMARAVATI PROJECT

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Andhra Pradesh Capital Region
Development Authority

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EXECUTIVE SUMMARY

Amaravati has completed an eventful third year !!!

This progress report is in continuation to the earlier editions of the status report and presents status of the progress made so far in various projects, schemes as well as outline of future plans for developing the 'People's Capital' in smart and sustainable manner.

Having completed the allotment of returnable plots to about 23976 landowners covering over 59014 plots with over 11000 acres, the focus now lies on developing trunk as well as neighbourhood level infrastructure triggering development across the capital city. Though the interim government complex has largely catered to the smooth functioning of government from Amaravati, the challenge of integrating the other HoDs, institutions, still remains a priority and various steps taken in the previous years have now reached a decisive phase. The vision to build iconic buildings reflecting the heritage, culture and modern aspirations have culminated in the form of impressive and functional designs from world renowned architects and the crucial phase of construction is being addressed by deploying expert teams.

While the planning and construction are in full swing, economic development activities are also being taken up aggressively. About 1250 acres of land is allotted for economic development purpose triggering economic activity in Amaravati.

Hon'ble National Green Tribunal has delivered the final judgement on various matters pertaining to Amaravati Capital City Development on 27.11.2017. Hon'ble Tribunal has declined to set aside the environmental clearance issued to the Capital City. This judgement is a watershed moment in the development of Amaravati.





OVERVIEW

COVERED UNDER CAPITAL REGION

8603_{km²}

COVERED UNDER CAPITAL CITY

217_{km²}

COVERED UNDER SEED AREA OF AMARAVATI

6.84_{km²}

CONSENTED LAND OWNERS UNDER LPS

26839



BACKGROUND

The combined state of Andhra Pradesh was bifurcated into State of Telangana and residuary State of Andhra Pradesh by the Andhra Pradesh Reorganization Act 2014, which declared 'Hyderabad' as the common capital for such period not exceeding ten years.¹ As per the provisions of this Act, the apportionment of assets is based on geographical location, while the liabilities are apportioned on population ratio (58.32 per cent Andhra Pradesh; 41.68 per cent Telangana).² Considering that all the major assets are located in and around Hyderabad city, Andhra Pradesh has forfeited all major economic assets and inherited huge liability without having the wherewithal to service the debt.³ On the other hand, Hyderabad continued to contribute 52% of the Gross State Domestic Product (GSDP) of Telangana indicating concentration of economic activities in and around the capital city.⁴ The common capital Hyderabad being outside the geographical boundaries of Andhra Pradesh ensured greater hardship for the people of Andhra Pradesh in terms of administrative inconvenience, access to services of the Government. The first challenge faced by the newly elected peoples' Government in 2014 was the state's bifurcation, lack of capital city and huge financial burden resultant to bifurcation. It is imperative that Andhra Pradesh has to act swift in developing its own state capital to bring the governance to the doorsteps of the people, trigger economic development and achieve a sustained growth.

¹Section 5, the Andhra Pradesh Reorganisation Act, 2014, Government of India.

²Part VI, the Andhra Pradesh Reorganisation Act, 2014, Government of India.

³Para 15 of White Paper on The Impact of State Reorganisation, Government of AP.

⁴Socio Economic Outlook 2017, Government of Telangana.



LOCATION OF THE NEW CAPITAL

At the time of bifurcation, the Government of India constituted an expert committee which extensively studied the possible locations for new capital city for the state. In the survey conducted by the Committee, about 52% have favored the new capital city to be located in around Vijayawada, Guntur region. The Government decided to locate the Capital City in a central place of the State, around Vijayawada, and to go for decentralized development of the State with 3 Mega Cities and 14 Smart Cities and to go for Land Pooling System (LPS) to be worked out by a Cabinet Sub Committee.⁵ The factors that favored the choice of location for new capital city after extensive consultations with experts and public organizations⁶ include public welfare, access to all, centrality to the state's geography, rail, road & airways connectivity, proximity to ports like Kakinada, Machilipatnam, availability of water, existing infrastructure to kick start the development, proximity to urban areas like Vijayawada and Guntur, apart from its cultural and political history of more than 2000 years.

The Government of Andhra Pradesh enacted the 'AP Capital Region Development Act 2014' and has formed AP Capital Region Development Authority (APCRDA) for the purposes of planning, coordination, execution, supervision, financing, funding and for promoting and securing the planned development of the capital region development area, undertaking the construction of the new capital region development area, undertaking the construction of the new capital for the state of Andhra Pradesh and for managing and supervising urban services in the new capital area and for matters ancillary thereto⁷. Under the provisions of this Act, the Government has notified an area of 217 Sq Km in Thullur, Tadepalli and Mangalagiri Mandals as the Capital City area⁸ and the capital city has been named as Amaravati⁹

⁵ The Resolution of the Cabinet of Andhra Pradesh dated 01.09.2014.

⁶ G.O MS No 254, MA&UD Department, GoAP dated 30.12.2014.

⁷ APCRDA Act 2014, Government of Andhra Pradesh

⁸ G.O MS No 141, MA&UD Department, GoAP, dated 09.06.2015.

⁹ G.O MS No 97, MA&UD Department, GoAP, dated 23.04.2015.



THE VISION OF AMARAVATI, DEVELOPMENT & FINANCING

Amaravati is envisioned to be not only as a government administrative city but also as an economic hub. The vision is to develop Amaravati as the global economic hub and emerge as global destination of people, investments, jobs endowed with world's best infrastructure. The land required for the development of Amaravati is procured under land pooling scheme under the APCRDA Act 2014, and acquired under LA & RRR Act, 2013.

An initial estimation of the capital investment outlay required for various developmental works in Amaravati is about 30,000 Cr (~ 4.6 billion USD) in 3 years as indicated below ¹⁰

INFRASTRUCTURE CATEGORY	3-YEAR CAPEX (RS. CR.)
Roads Infrastructure	2,977
Water & Sewerage	1,166
EHV Line rerouting	500
Power and ICT Ducts	950
Solid Waste Management	166
Green Works	250
Flood Management	1,209
Village Infra. Upgradation	860
Infrastructure for returnable LPS	14,080
Startup Area - Tier-2 Infrastructure	313
Industrial Area - Tier-2 Infrastructure	500
Govt. Complex Buildings & Roads + Utilities	6,705
TOTAL	29,676

¹⁰ As per initial estimate that are subject to change as per Detailed Project Reports.



AUTHORITY FORMATION

The Government constituted AP Capital Region Development Authority for the purpose of Planning, Co-ordination, Execution, Supervision, Financing, Funding and for Promoting and Securing the Planned Development of the Capital Region and Capital City Area for the State of Andhra Pradesh and for managing and supervising urban services in the New Capital Area and for the matters ancillary thereto vide G.O.Ms. No. 255, MA & UD (M2) Dept., dt. 30-12-2014.



CHRONOLOGY OF EVENTS

01-03-2017	Chief Minister N Chandrababu Naidu laid the foundation stone for a water-lifting pumping house
01-03-2017	Norman Foster and Partners submitted three themes on which designs of government buildings for Andhra Pradesh's new capital Amaravati could be based
01-03-2017	DMRC opened Amaravati Metro tenders. Three bidders L&T, Afcons and Simplex Infra. Submitted bids.
02-03-2017	Chief Minister N Chandrababu Naidu will inaugurate the new Assembly building at Velagapudi. CM appreciated APCRDA.
06-03-2017	APCRDA has begun registration of reconstituted developed plots in Velagapudi area. Adi Laxmi, LPS farmer, first registered and got the registration document.
11-03-2017	Communications Advisor Dr. Parakala Prabhakar's meeting with culture and history experts in the design of Amaravati
20-03-2017	Free Medical Health Check-Up camps were organized during 6th to 20th March 2017 in the villages of Amaravati, capital city. Total 1297 persons came for health check-up in all 25 health camps and 264 persons have been sent for better treatment

23-03-2017	Commissioner Dr. Sreedhar Cherukuri made arrangements to collect public opinion through social media on primary designs submitted by Norman Fosters
23-03-2017	Vijayawada is declared as metropolitan area officially through government of AP GO MS 104 23/03/2017. This metropolitan area covers existing divisions of Vijayawada and 19 surrounding municipalities
29-03-2017	Chief Minister N Chandrababu Naidu will lay the foundation stone for the seven sub-arterial roads at Yerrabalem village. Inauguration of Aarvee Ssociates' Infra Book
03-04-2017	On Permanent Govt.Complex designs, APCRDA organized an outreach program at the School of Planning and Architecture (SPA) in Vijayawada to receive experts' suggestions
04-04-2017	Workshop arranged for the students of KLU, GEETAM, PVP Siddhatha Engineering colleges at APCRDA on experts suggestions on Govt. Complex designs
07-04-2017	Workshop arranged for the students and teachers of all India level higher education institutions at Alankar Inn on experts suggestions on Govt.Complex designs
13-04-2017	Minister Narayana, Commissioner Dr. Sreedhar Cherukuri and Additional Commissioner Dr. A. Mallikarjuna went to London to discuss with Norman Fosters representatives on Govt. Buildings Design in Capital City
14-04-2017	Chief Minister N Chandrababu laid foundation for the memorial park near Inavolu and 125-foot tall statue of Ambedkar in Thullur mandal
17-04-2017	Assent of the governor on the amendment of Andhra Pradesh. Infrastructure Development Enabling Act

25-04-2017	Union Minister for Urban Development M Venkaiah Naidu presented HUDCO awards to CRDA Commissioner Cherukuri Sreedhar on Tuesday in New Delhi on the occasion of HUDCOs 47th foundation day.
27-04-2017	One day training program on Green City & Green Buildings for APCRDA officials, Vijayawada.
02-05-2017	Andhra Pradesh Cabinet has approved the APCRDA Swiss Challenge proposals given by Sembcorp Singbridge to develop startup area in Amaravati
03-05-2017	he Union Cabinet today gave its nod to international status for Gannavaram Airport in Andhra Pradesh
08-05-2017	Minister Narayana and Commissioner Dr. Sreedhar Cherukuri went to London to discuss with Narman Fosters representatives on Govt. Buildings Design in Capital City during 8th to 10th May 2017
08-05-2017	Government of Andhra Pradesh issued orders to Singapore consortium to build the seed capital in an area of 6.84 sq km.
15-05-2017	MOU with Singapore consortium to develop startup area in Swiss Challenge Mode. Laying foundation for Startup area near Mandadam.
05-06-2017	Principal Secretary Ajay Jain, APCRDA, announced agreement with TERI on Green Building Construction in Amaravati
15-06-2017	A.P. Cabinet approved startup area development agreement
20-06-2017	Opening of NTR Sujala and NTR Trust in Harischndrapuram, Venkatapalem. CM inaugurated Two Water plants
22-06-2017	Central Minister Venkaiah Naidu announced Amaravati Capital City as Smart City

04-07-2017	Minister Narayana and team visit to China & Malaysia to study on Public Transport
15-07-2017	Inagurition of SRM university near Neerukonda, of Amaravati Capital City by CM and Venkaiah Naidu
21-07-2017	Visit of Haryana Civil Services team to APCRDA and visit in Capital City
10-08-2017	CM Chandra Babu Naidu laid foundation for B.R. Setty Health City near Dondapadu
16-08-2017	CM Chandra Babu Naidu laid foundation for Indo-UK Institute of Health near Yerrabalem
18-08-2017	Delhi AP Bhavan Resident Commissioner Pravin Prakash visit in Amaravati Capital City
29-08-2017	Consultation workshops with project affected persons of World Bank funded roads and Kondaveeti vagu Flood Mitigation works in Villages
01-09-2017	CII affiliated body Indian Green Building Council's workshop at APCRDA on Green Building Rating System for construction of Green Buildings in Amaravati Capital City
06-09-2017	Survey by Japanese team to providing improved transport system in Mangalagiri of APCRDA region
11-09-2017	Bihar Deputy CM Sushil Kumar Modi visit to Amaravati Capital City and seek information on LPS
12-09-2017	Visit of Jaggi Vasudev to River Krishna as part of Rally for Rivers in Amaravati Capital City
13-09-2017	Visit of the World Bank Inspection Panel and interaction with farmers in villages of Amaravati Capital City

15-09-2017	Cabinet Sub-committee decides to allot 1000 acres to various institutions in Amaravati Capital City
15-09-2017	Visit of the World Bank Inspection Panel to Thulluru and Mandadam. Seek opinion from farmers
19-09-2017	125ft. Ambedkar Statue and Smritivanam model – presented to seek opinion from public in Guntur
25-09-2017	A team of APCRDA Principal Secretary, Ajay Jain, Economic Development Board CEO Krishna Kishore, Additional Commissioner, V.Ramamanothara Rao and Additional Commissioner, S. Shanmohan visit Singapore from 25th to 27th September to participate in Round Table Meeting on Trunk Infrastructure.
01-10-2017	Launch of NTR Sujala Scheme in Kuragallu, Neerukonda of Amaravati Capital City
03-10-2017	Makyala-Vijayawada – water transport system inaugurated by Vice President Sri M.Venkaiah Naidu. Governor Sri Narasimhan, Central Minister, Sri Nitin Gadkari, CM Sri Chandrababu Naidu participate in the event
04-10-2017	Out of 13 LPS Zones 5 zones were selected for calling tenders in HAM – CM decision in APCRDA review. Project cost to be shared between State Government, and Developers in the ratio of 49:51. Repayment to Developers in instalments with interest.
06-10-2017	A Special Purpose Vehicle in the name of Amaravati Smart City Corporation Limited – G.O. notified.
06-10-2017	Visit of World Bank Team to assess the Labour camps and its facilities and security in 10 roads project

09-10-2017	Minister Narayana to conduct lottery for selecting 100 farmers to be sent to Singapore tour from Amaravati Capital City
10-10-2017	Third Meet of JIWC as part of MoU between AP Government and Singapore Government held at APCRDA office
10-10-2017	152.93 acres of land allotted to 15 institutions in Amaravati Capital City
12-10-2017	Public Opinion sought on VIP housing designs by APCRDA
12-10-2017	Awareness campaign by Mobile bus named Udyoga Ratham on Employment Opportunities
17-10-2017	Job Mela in Nowlur in Amaravati Capital City
19-10-2017	Land handover to NCC, L&T, Shapurji Palloni who won the tenders to construct residential quarters to MLAs, AIS Officers, NGOs and Class IV employees
19-10-2017	Minister Sri P.Narayana visit to London to discuss on designs of Iconic Buildings
24-10-2017	Observed the designs of iconic buildings by CM, Minister P.Narayana, Sri Yanamala Ramakrishnudu, APCRDA Principal Secretary, Ajay Jain and Commissioner, APCRDA and Director Rajamouli team
30-10-2017	Green Flag hoisted by CM Sri Chandrababu Naidu signalling 34 farmers from Amaravati Capital city to visit Singapore on a tour
30-10-2017	Government announces that 1236 acres in Capital city allotted to 43 companies
03-11-2017	Workshop on Project Information centres for World Bank Project
07-11-2017	Environment and Forest Clearance for Amaravati Government Complex

08-11-2017	Awareness programmes in capital city on the occasion of World Planning Day
09-11-2017	Visit of World Bank to Chief Secretary and APCRDA
10-11-2017	Visit of World Bank to Kuragallu, Krishnayapalem, to supervise the workers camps, project information centres
17-11-2017	NGT Judgement released in favour of Government of Andhra Pradesh
17-11-2017	AP – Singapore Governments Joint Implementation Steering Committee Meeting
18-11-2017	Hon'ble CM inaugurates greenery works on Seed Access Road between Venkatapalem and Mandadam in Amaravati Capital City
24-11-2017	Inauguration of Digital Class room in one of the schools in Mandadam by Chief Minister
26-11-2017	Grievance Cell inaugurated near CM Residence
28-11-2017	Inauguration of 2 blocks in VIT – AP by CM Sri Nara Chandrababu Naidu and Vice President Sri M. Venkaiah Naidu
28-11-2017	Visit to city gallery in Singapore by second batch of capital city farmers
30-11-2017	AP Secretariat designs – CM selected two options and seek public opinion – will be finalized based on public opinion
11-12-2017	MOU between cooperative research center (CRC) Australia & APCRDA, MAUD department
14-12-2017	Amaravati Deep Dive workshop – unveiling of Amaravati Project Status report – Edition 3



LAND

LAND CONSENTED UNDER LPS

34,690_{AC}

LAND TARGETED UNDER LPS

38,581_{AC}

LAND COVERED BY DEVELOPMENT AGREEMENT

33,208_{AC}

TOTAL LAND AVAILABLE UNDER CAPITAL CITY AREA

53,748_{AC}

RETURNABLE PLOTS ALLOTTED TO 23903
LANDOWNERS IN 46 LOTTORIES

59,014_{NO'S}



BACKGROUND

The Capital City area was identified by state government between Vijayawada and Guntur alongside the river Krishna, comprising 24 revenue villages and part of Tadepalli municipality of Guntur district covering an area of 53748 acres. The panchayats / revenue villages / habitations covered by the Capital city area are given below:

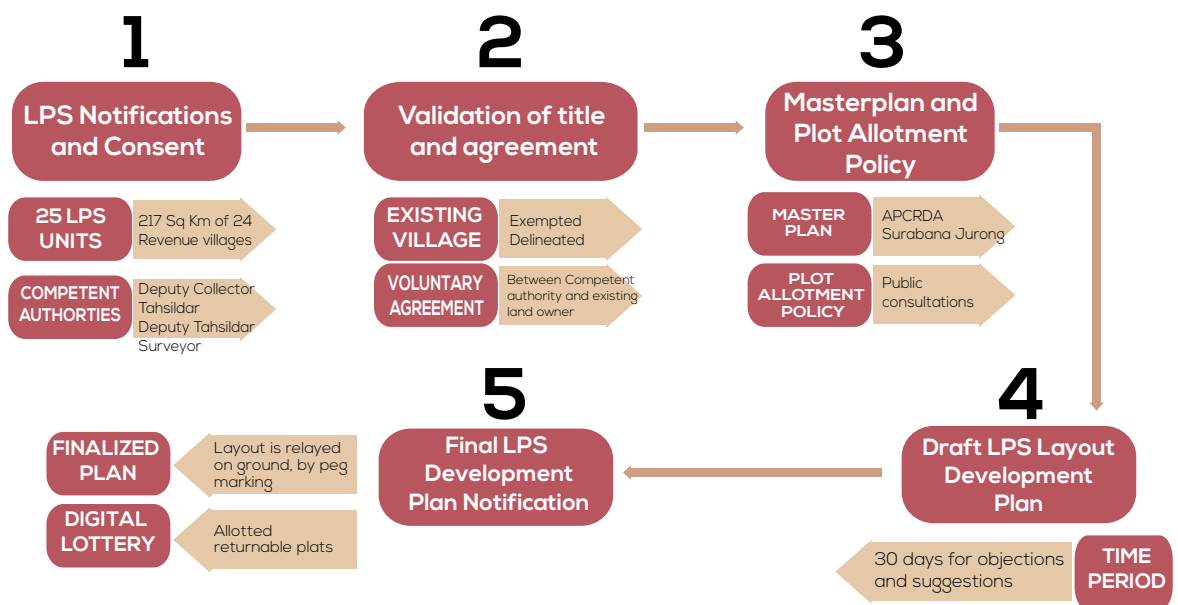
Sl. No.	Mandal	Sl. No.	Revenue Village	Sl. No.	Habitation
1	Thullur	1	Abbarajupalem	1	Abbarajupalem
		2	Ananthavaram	2	Ananthavaram
		3	Ayinaolu	3	Ayinaolu
		4	Borupalem	4	Borupalem
		5	Dondapadu	5	Dondapadu
		6	Pitchikalapalem	6	Pitchikalapalem
		7	Rayapudi	7	Rayapudi
		8	Kondamarajupalem	8	Kondamarajupalem
		9	Lingayapalem	9	Lingayapalem
				10	Modugulankapalem
		10	Malkapuram	11	Malkapuram
		11	Mandadam	12	Mandadam
				13	Thallayapalem
		12	Nekkallu	14	Nekkallu
		13	Nelapadu	15	Nelapadu
		14	Sakhamuru	16	Sakhamuru
		15	Thullur	17	Thullur
		16	Uddandarayunipalem	18	Uddandarayunipalem
		17	Velagapudi	19	Velagapudi
		18	Venkatapalem	20	Venkatapalem
2	Mangalagiri	19	Kuragallu	21	Kuragallu
				22	Neerukonda
		20	Krishnayapalem	23	Krishnayapalem
		21	Nowlur	24	Nowlur
				25	Makkivaripeta
				26	Yerrabalem
				27	Bethapudi
				28	Bapujinagar
		22	Nidamaruru	29	Nidamaruru
3	Tadepalli	23	Penumaka	30	Penumaka
		24	Undavalli	31	Undavalli
		25	Tadepalli Municipality (Part)		Nulakapeta, Dolas Nagar etc.,

The lands for Capital City are being made available largely through the highly successful Land Pooling Scheme, Negotiated Settlement Policy in the case of village settlement zones and LARR Act 2013. On date about 86% of the land is acquired through LPS and process for land acquisition in respect of remaining area has been initiated and is in final stages. This chapter discusses the progress of land pooling scheme including LPS benefits.



LAND POOLING SCHEME (LPS)

The Government of Andhra Pradesh in exercise of powers conferred under Sub-Section-5 of Section-43 of Andhra Pradesh Capital Region Development Authority Act, 2014 directed the Andhra Pradesh Capital Region Development Authority (APCRDA) to undertake development scheme through Land Pooling Scheme in the Capital City area wherein the land parcels owned by individuals or group of owners are legally consolidated by transfer of ownership rights to the Authority, which later transfers the ownership of a part of land back to the landowners for undertaking development of such areas.



Land Pooling Scheme process

The Land Pooling Scheme is an option and people can join voluntarily. If the land owner prefers compensation / R&R benefits under LAR&R Act, they are at liberty to opt for Land acquisition. Prior to implementation of LPS, consultations were held with various stakeholders and a guaranteed package is arrived at. During implementation, issues of Jareebu lands / semi-urban areas / assignment issues have come across and they were suitably addressed. Further, decisions were taken for demarcation of village sites / extended habitations after having consultations and reaching out a consensus. Consultations were also held during preparation of layout plans and finalizing the methodology of conduct of lottery and registration process. The exemption from capital gains tax arising out of first sale of returnable plots is resolved, because of suggestions from the consultations and approval for capital gain tax exemption is granted in the union budget of 2017-18.

In return for contributing their land, landowners participating in the LPS are entitled to a combination of benefits: (i) returnable plots of urban land within the Amaravati City perimeter; (ii) annuity payments for a period of ten years; and (iii) other benefits including waiver of agricultural loans, skill training, and interest free loans for setting up enterprises. The compensation in the form of returnable plots and annuity payments is described below:

- **Returnable urban plots** are allotted in and around the same village where landowners have given up their agricultural lands under LPS. Landowners can choose the type of returnable plot they will receive from a broad menu of residential and commercial land plot options. The process of selection and allotment of returnable plots to date involved multiple stages: (i) draft LPS layouts/maps prepared by the APCRDA showing the location of returnable plots were shared with all participants of the LPS. The plot allotment policy brochure was prepared in Telugu and included a section with frequently asked questions and answers; (ii) draft layouts were uploaded on the APCRDA website and notified in the district gazette; people were given 30 days to file objections and to provide suggested changes to the draft layouts; (iii) consultations on the proposed layouts were held in each village; (iv) suggestions were integrated by the APCRDA in the final layouts to the extent possible; (v) additional consultations were carried out by the APCRDA; (vi) final LPS layouts were prepared, notified for each village, displayed at the village panchayat office, uploaded to the APCRDA website, and notified in the district gazette; and (vii) LPS landowners were issued provisional certificates for their allotted returnable plots through an open, digital randomized (digital) allocation system (conducted in front of all landowners and other parties, including public representatives, electronic and print media). The issuance of provisional certificates for returnable plots constitutes an important milestone since it allows landowners to know the actual location of their returnable plots and to monitor the development of infrastructure in proximity to them. The APCRDA initiated the process of registration of the returned plots in March 2017 and as of November 2017, 3500 registrations are completed. The registration process is ongoing. The key statistics on Land Pooling Scheme progress are presented below:

53,748 Ac: Total Land available under capital city area

38,581 Ac: Land Targeted under LPS

34,690 Ac: Land Consented under LPS

33,208 Ac: Land covered by development agreement

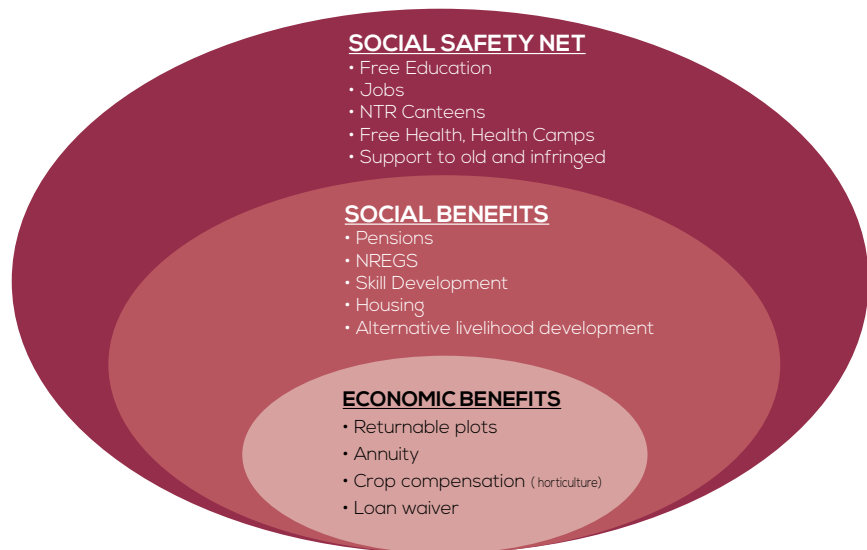
59,014: Returnable plots allotted to 23903 landowners in 46 transparent electronic lotteries in 22 out of 24 villages

- **Annuity payments** are a second component of the compensation package that landowners who have contributed their land to LPS will receive from the APCRDA. Annuity payments will continue for a period of ten years, and are proportional to the land that was contributed to the LPS. annuity amounts at the rate of INR 30000 / INR 50000 per acre is paid with 10% adjustment per year towards inflation. This amount is arrived at based on net crop loss per an acre of dry / Jareebu lands. This amount is estimated to be sufficient to maintain pre-project livelihood levels during the interim period of 10 years which is an estimated period to reap the benefits of returnable plots and other benefits as contemplated under Land Pooling Scheme. Minimum guarantee of payment of INR 30000 / INR 50000 is being provided for the marginal farmers having less than one acre of land. All other dependents upon agricultural land (i.e. landless agricultural labor) are being provided with pension at the rate of INR 2500 per month for a period of 10 years. The period of 10 years is estimated for the agricultural labor to adapt to non-agricultural income generating activities, like the provision of livelihood support under LAR&R Act, 2013 and will have access to the Social development schemes and additional livelihood schemes to be designed for the poor and vulnerable groups. Participating farmers began receiving annuity payments as part of their LPS benefits package in May 2015. Monthly pensions have also been distributed since May 2015 to agricultural laborers and tenant farmers who resided in the capital city area as of December 8, 2014.

The LPS package has undergone several enhancements indicating how the consultations have played a vital role in the scheme augmenting economic returns to the farmers.

LAND (1)	As per G.O.Ms.No.1, Dt: 01-01-2015				As per G.O.Ms.No.43, Dt: 09-03-2015				As per G.O.Ms.No.59, Dt: 20-03-2015				As per G.O.Ms.No.41, Dt: 17-02-2016						
	Dry		Jareedu		Dry		Jareedu		Dry		Jareedu/Semi Urban		Dry		Jareedu/Semi Urban				
	RES	COMM	RES	COMM	RES	COMM	RES	COMM	RES	COMM	RES	COMM	RES	COMM	RES	COMM			
A) Patta	1000	200	1000	300	1000	200	1000	450	1000	200	1000	300	1000	250	1000	450			
B) Assigned	800	100	800	200	800	100	800	200	800	100	800	200							
i) Ex-Serviceman / Political Sufferer (Except POT)									Revenue Villages Viz., Bethapudi, Navuluru, Yerrabalem, Penumaka and Undavalli are treated as Semi-Urban				1000	250	1000	450			
ii) Assignments before 18-06-1954 (Except POT Cases)																1000	250	1000	450
iii) Assignments After 18-06-1954 (Except POT Cases)																800	100	800	200
iv) POT Resumed lands - Sivoijamadar occupation																500	50	500	100
v) Un-Objectionable Govt. lands- Eligible Sivoijamadar																500	50	500	100
vi) Objectionable Govt. lands - Eligible Sivoijamadar																	250	0	250
C) Yearly payment of annuity for crop loss (Rs.) Except for b(iv) and (vi) categories above	30000		50000		30000		50000		30000		50000		30000		50000				
D) Yearly increase (Rs.)	3000		5000		3000		5000		3000		5000		3000		5000				
E) One time additional payment for gardens like	50000				100000				100000				100000						

Land Pooling Scheme benefits at a glance



SOCIAL SAFETY NET EXTENDED TO THE LPS LANDOWNERS / BENEFICIARIES

- Other benefits that the APCRDA is extending to LPS participants include waiver of agricultural loans, interest free loans for self-employment, access to skill development training, access to employment under an Employment Guarantee program, free education and access to medical facilities. LPS participants have begun receiving these benefits: (i) a skill development institution was established in July 2016 and has trained more than 1189 people to date; (ii) more than 540 got placed and 844 got directly recruited (iii) more than 20,355 people have received loan waivers; (iv) over 16,603 job cards have been issued; (v) over 34173 person-days of employment have been generated during the current financial year and (vi) Under free education scheme - Total 66 Students applied for Reimbursement of Tuition Fee. 33 students were found eligible for availing fee Reimbursement and (vii) Under free health scheme - 3 Phases Mega health camps were conducted by Network hospitals for 4011 beneficiaries of which 468 were referred.

MINIMUM DISPLACEMENT

The guidelines issued by Central Government in the terms of reference while appointing expert committee includes the least possible dislocation of people and their habitations. The Government decided to demarcate village sites / habitations duly following procedures of Revenue Department and guaranteed to take up this responsibility under Rule-5(4) read with Schedule-III(1)(ii). Hence there is no displacement of any residential houses in construction of Capital City Development Project as far as possible.

LAND TRANSACTIONS ALLOWED ALL THROUGH

The Government has allowed the transactions on land during the LPS implementation, thereby providing economic freedom to the farmers to deal with their land, which is an economic asset.

The lands falling under acquisition within LA R&R, Act, 2013 shall also be included while preparing the development scheme as per Rule-9 of AP Capital City LPS (F&I) Rules, 2015. The Authority may acquire any movable or immovable property by purchase, exchange, gift, lease, mortgage, negotiated settlement as per Section-124 of APCRDA Act, 2014. Any land required in development plan shall be deemed to be the land needed for public purpose within the meaning of the LAR&R, Act, 2013 and may be acquired by the Government. In addition to LARR Act, the Land Pooling Scheme and Negotiated Settlement Policy will be applied in this project for acquiring the lands.

3.2.1 LPS STATUS

LPS progress	
Total Geographical Extent	53,748.00
Govt. Lands / Village Sites / Habitations	15,166.85
Target Under LPS / LA	38,581.15
9.3 Consent Extent	34,690.48
9.14 Agreement Extent	33,208
Consent Extent (%)	90
Agreement Extent (%)	86
Annuity (Crores)	431.24



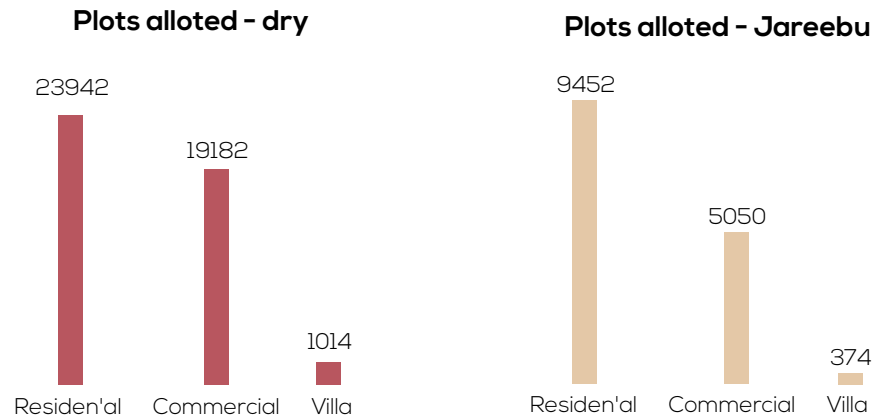


STATUS OF LAND POOLING DEVELOPMENT SCHEMES

Category	No. of Villages	Completed Villages	Pending Villages
Draft Land Pooling Scheme	24	22	2 - Undavalli, Penumaka
Final Land Pooling Scheme	24	22	2 - Undavalli, Penumaka
1st Lottery	24	22	2 - Undavalli, Penumaka
2nd Lottery	24	9	15 - Krishnayapalem, Nowlur, Kuragallu, Nidamaruru, Undavalli, Penumaka, Borupalem, Abbarajupale, Dondapadu, Inavolu, Rayapudi, Kondamarajupalem, Lingayapalem, Malkapuram, Nekkallu and Thullur
3rd Lottery	24	1	23 - Except Mandadam
Villas Lottery	24	13	11 - Nowlur, Kuragallu, Nidamaruru, Undavalli, Penumaka, Abbarajupalem, Inavolu, Nekkallu, Nelapadu, Sakhamuru, and Ananthavaram



STATUS OF RETURNABLE PLOTS ALLOTTED



Registration of plots received under LPS



PLOT ALLOTMENT TO ROAD EFFECTED PERSONS

Rayapudi residents effected by the Seed Access road construction were allocated plots, in the same village at the newly developed Resettlement colony, through a lottery process on Friday December 1, 2017. Guntur Jt. Collector Ms Kritika Shukla, local MLA Sravana Kumar Tenali and other officials presided over the lottery process.



Guntur J.C. Kritika Shukla, MLA, Shrvan Kumar and other officials during plot allotment



STATUS OF LAND ACQUISITION

The required lands for public purpose are being acquired and would be part of Development Scheme.

Stage	No. of Revenue Villages	Extent	Remarks
SIA Notification	24/24	5533.48	
Final SIA	23/24		Except Nidamaru-1 & 2
Expert Group Meetings Completed	23/24		Except Nidamaru 1 & 2
II (1) Preliminary Notification	23/24	2603.7895	Except Nidamaru 1&2 and Undavalli (Part)
19 (1) Declaration	17/24	919.4164	Except Nowlur, Nidamaru, Undavalli, Penumaka, Inavolu, Kondamarajupalem & Lingayapalem
Award	1/24	4.33	Nelapadu (Part) - Amount Rs. 74,94,245/-



SOCIAL DEVELOPMENT

RECEIVING PENSIONS **20,646** FAMILIES

LOAN WAIVED OFF **20,355** FAMILIES

ANNUITY PAID **431.24** CRORES

PATIENTS TREATED **4011** NOs

SKILL DEVELOPMENT TRAINING **1189** NOs

SPENT ON SOCIAL DEVELOPMENT RS. **534** CRORES



BACKGROUND

A comprehensive social security net is provided to the capital city inhabitants through the social development activities. In addition to the benefits offered as a part of LPS package additional benefits are extended to ensure livelihood support, enhancement of quality of life, provide new employment opportunities, access to health and educational facilities, food, promote entrepreneurial skills and opportunities, etc. Specific interventions in the areas of housing, old age homes, etc., are also taken up. These social development initiatives help the farmers, landowners, landless pensioners, particularly women and marginal farmers and other weaker sections in smoothly overcoming the transitional scenarios from agriculture to urbanisation. The social development initiatives are listed below:

1. Pensions: provide pension of two thousand five hundred rupees per month per family for a period of ten years to all landless families through a capital region social security fund.
2. Loan Waiver: to provide one-time agricultural loan waiver of up to one lakh fifty thousand rupees per family to farmers as per prescribed procedure of Government.
3. Housing:
 - To issue possession certificates in village sites in order to enable the occupants to regularize house sites.
 - To provide housing to houseless as well as those losing houses in the course of development.
4. Loans: to provide interest free loan of up to 25 lakhs to all the poor families for self-employment.
5. Education and Health: to provide free education and medical facilities to all those residing as on 8th December, 2014.
6. To establish old age homes.
7. To establish NTR canteens.
8. To enhance the limit under NREGA up to 365 days a year per family.
9. To establish skill development institution and provide training with stipend to enhance the skills of cultivating tenants, agricultural laborers and other needy persons.
10. To engage tractors and machinery belonging to residents for construction activity.
11. To issue ownership and transit permission through forest department for cutting and sale of teak trees in private lands duly exempting the relevant fees.



PROGRESS OF SOCIAL DEVELOPMENT INITIATIVES

As part of the land pooling scheme, Government promised to provide following social benefits to all the residents of the Capital city residing as on 08.12.2014. The abstract of status of the social benefits is given below.

Benefit/ Scheme	Indicator	Physical Progress	Financial Progress (Amount spent in Crores)
Annuity Payments	Number of land owners paid annuity (Nos)	26829 consenting land owners	₹ 429.70
Amaravati Pensions	Number of families receiving pension (Nos)	20646 paid in September 2017. Additional 151 identified in October 2017	₹ 5.16
Loan waiver	Number of farmers benefited (Nos)	19,709 farmers	₹ 88.67
NREGA works for 365 days	Number of job cards issued (Nos)	16,603 job cards issued	₹ 5.99
	Number of Man days generated (Nos)	34173 man-days generated	
Skill development training	Number of candidates trained & Placed	1189 members trained &	₹ 3.57
	Direct Placed (Nos)	542 members Placed	
		844 members Direct Placed	
Free Health	Number of people screened in health camps (Nos)	3 Phases Mega health camps are conducted by Network hospitals for 4011 beneficiaries of which 468 were referred.	₹ 0.23
Machinery engaged from locals	Number of machine hours engaged in capital city works	Local Tractors 129 and 9 JCB were engaged to clear 10994.86 acres of land	₹ 0.71
NTR Canteen	Number of canteens (Nos)	3 Canteens	₹ 0.78
	Number of beneficiaries (Nos)	2,77,202 people served.	
Rs.25 lakhs interest free loans	Number of loans disbursed (Nos)	To be initiated	-
Free Education	Number of students benefited under fee reimbursement (Nos)	33	(Under Process)
Housing to homeless	Number of houses sanctioned (Nos)	5598 identified, 5024 sanctioned.	-
Old age home	Number of inmates (Nos)	To be initiated	-



FARMERS FIRST – PROGRAMME – VISIT TO SINGAPORE

To protect the benefits of farmers who have given consent under LPS, through best utilization of the returned plots in the coming New Urban Economy of Amaravati City, realizing the opportunities arising out of capital construction, integrating them into the new service sector a dedicated Institution "Farmers First" is established. It works for the welfare of farmers and other allied section of the capital city.

As part of "Farmers First" programme, towards imparting Knowledge of Urban construction, economic opportunities of Urban economy to farmers, in the 11th and 12th Authority meetings vide resolution nos.154/2017 and it was decided to send 123 eligible farmers among the applied 153 farmers for Singapore trip in four batches with an estimated cost of Rs.87,71,000/- (eighty seven lakhs seventy one thousand only).

First batch with 34 farmers besides 3 officers involved in LPS visited Singapore from 31.10.2017 to 3.11.2017 and came back on 4.11.2017.

Second batch of farmers visited Singapore from 27th November 2017 to 1st December 2017.



MANA AMARAVATI APP

A mobile APP – Mana Amaravati aims to bridge the gap between the state government, citizens of Amaravati, investors, buyers and sellers of plots, district administration, CRDA and other stakeholders. The app also facilitates information about the projects including the World Bank funded projects. The grievance redressal system has also been built into the app, with which citizens can address issues with concerned departments at their convenience as well as register/ know status/ response of their complaints and suggestions.

As of now, there are 20 services integrated into the ‘Mana Amaravati’ application. Through the app, all the plot owners who have been allocated lands can log into app and publish their plots for sale, joint development or lease. Another feature in the app is the ‘know your plot code’, with which a user can enter his/her Aadhaar number and know the allocated plot details. The user can even go to the allotted plot and locate it physically. The app also has a feedback form through which users can send suggestions on its services.

A few other options available to the user include information about Amaravati, Andhra Pradesh Capital Region Development Authority, Farmers First, details about one-time loan waiver, annuity, viewing plot on map and download provisional certificate as well as view LPS layouts and access the Development Permissions Management System (DPMS) book appointment for plot registration, Details about various social benefits which include pension, free health, free education, training details and application for the same, Amaravati Housing Scheme, Job opportunities, NTR Canteens, Photos and Videos of Capital City development. This app also has a separate tab for World Bank ASCCDP project. In Citizen services - zoning regulations, master plans, e-Encumbrance and Mee Bhoomi options are available and a separate tab is provided.



Mana Amaravti App awareness campaign in capital city villages



LPS BENEFITS

PENSIONS

- Amaravati landless poor families are being paid the pensions (Rs 2500/-) through tabs with biometric system.
- Pension payments are transferred through online transfer to the bank accounts (DBT) of beneficiaries

LOAN WAIVER

- Government has released the required funds directly to Rythu Sadhikara Samstha for onward payment to banks as per Government norms.
- Loan waiver is completed barring certain cases.
- A special grievance redressal cell at Amaravati Capital City office Tullur, is set up exclusively for Amaravati Capital city farmers.
- 265 Pending Cases are referred to Raithu Saadikara Samsta and resolved 148 cases

HOUSING

- The new housing policy strategy will be initiated for Amaravati Capital City houseless families once the LPOC are handed over to the farmers.
- Policy for housing to families who lose houses for construction of infrastructure such as roads is under preparation.
- 5% of Land pooling scheme area will be reserved for affordable housing as mandated under the Act.
- The policy for this will be released after completion of land pooling.

SKILL TRAINING AND ENTREPRENEURSHIP DEVELOPMENT (LOANS)

- APCRDA through its Nodal Agency Andhra Pradesh Skill Development Corporation (APSSDC) has been providing skill development training to the youth from the families currently.
- APCRDA will establish skill development institute by partnering with various reputed NGOs / private sector entities etc.
- Second phase training has been initiated in various domains such as mobile technician, AC technicians, beautician, two wheeler motor mechanic etc.,
- Job melas are being conducted regularly.

HEALTH

- Screening camps are conducted in all the villages of capital city area.
- 3 levels of screening camps are conducted in each of the villages.
- First level - Health Camps were conducted in Thullur (25-02-2016), Mandadam (28-02-2016) and in Nidamaru (06.03.2016).
- Second level - Mega health camps was conducted on 4.11.2016 at Thulluru
- Third level – Health camps are conducted at various places such as Thulluru on 21.04.2017 and Mandadam & Penumaka on 29.04.2017
- Government announced upgrading of Tullur PHC to a 30 bedded hospital.
- New PHC proposed at Mandadam village
- Amaravati Health Cards are distributed to the residents

EDUCATION

- The current policy of fee reimbursement of Government for weaker sections implemented by social welfare/BC welfare departments is proposed to be implemented for Amaravati capital city residents irrespective of income and community.
- It is also proposed to establish model schools and colleges in Amaravati city.
- Total 66 Students are applied for Reimbursement of Tuition Fee. 33 students are found eligible for fee Reimbursement. File sent to DD B.C welfare for further processing.

ENGAGING MACHINERY

- An enumeration of all machinery available with residents of 29 villages is done through a household survey;
- 129 tractors and 9 JCBs are identified as part of the survey.
- The machinery like Tractors, JCBs etc., belonging to the residents of Capital city is given preference in the works of capital city.

OLD AGE HOMES

- NTR old age pensions are being paid to the needy old age people, who are the target group of old age homes.
- In the short term it is proposed to hire the services of existing old age homes being run by NGOs in Amaravati capital area.
- Proposal for setting up an old age home under PPP is being prepared and will be sent to government for approval.

NTR CANTEENS

- NTR canteens have been established in association with 'Akshya Patra' foundation to provide affordable meals @ rate of Rs 5 /-.
- There are three NTR canteens at Velagapudi, IGC and at Thullur
- Common kitchen was established by HKM foundation with an investment of 2.5 crores of which CRDA contributed 35 Lakhs.

TEAK TREE CUTTING

- Collector issued orders to the Forest and Revenue officials to give cutting permissions to the Teak tree owners immediately after receiving any request.
- The details such as 'number of teak trees and their owners were identified in household survey.
- 3137 number of teak trees were permitted for cutting and transportation

Job mela conducted in capital city



Mega Health camps conducted in capital city villages



First batch of farmers visited Singapore



Second batch of farmers visited Singapore



Distribution of health cards to people residing in capital city.



Opening of NTR canteen at Thullur





PLANNING

AREA **217** KM² OF AMARAVATI CAPITAL CITY

PROJECTED POPULATION BY 2050
3.5 Million

GDP BY 2050 **35 Billion** USD

PROJECTED EMPLOYMENT BY 2050
1.5 Million

OPEN SPACE AND RECREATIONAL ZONE **30%** AREA

TRUNK ROAD LENGTH **600** KM

CYCLE TRACK **3200** KM

LENGTH OF RIVER FRONT **>20+** KM



BACKGROUND

The bifurcation of the erstwhile state of Andhra Pradesh following the AP Re-Organization Act in 2014 and emergence of a state with no Capital City necessitated the urgency for comprehensive planning and development of a new state Capital with world-class infrastructure that would represent people's vision and aspiration of a 'happy', 'liveable' and 'sustainable' city'. This would be facilitated by adopting a 'bottom-up participatory approach of planning and governance' and adopting the suitable model for land procurement and exercising Land Pooling Process option as an alternative to land acquisition.



The location of Capital City of Andhra Pradesh is selected after careful consideration of various alternatives giving due importance to strategic location and other key parameters. The city now named as Amaravati lies between the two nodal urban centres of Vijayawada and Guntur in the Capital Region (8,600 sq. km) and is away from cyclone prone areas with low seismic risk.

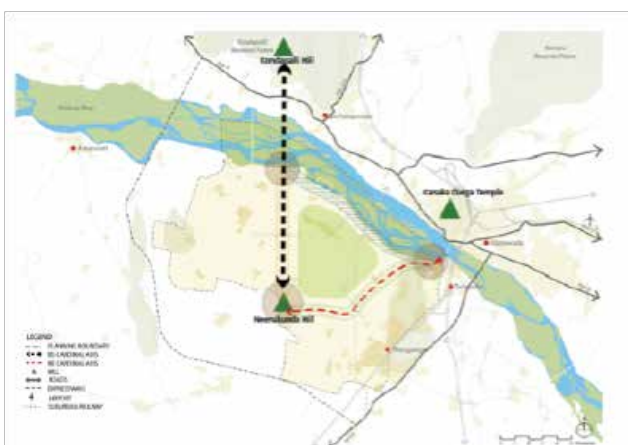
The overwhelming support of 24,000 farmers who came together in India's largest-ever consensus-based land pooling of 33,000 acres in a very short span of under 60 days is a clear vindication of popular acceptance of the capital city location.



PRINCIPLES AND CONCEPTS ADOPTED IN PREPARATION OF MASTER PLAN

The Amaravati Capital city concept plan encompasses the following principles to develop a comprehensive city Master plan:

1. **Site setting:** Careful site selection based on its topography and position of nearby hills and water bodies. The Amaravati Capital city site has been carefully chosen within the Capital region due to its proximity to the river Krishna, the holy town of Amaravathi and existing Vijayawada city.
2. **Cardinal Axis (Orientation)** City planning lays emphasis on aligning the primary roads and important city axes along the north south cardinal direction.
3. **Grid Pattern:** The concept proposes development of the Amaravati Capital city in a rectangular grid.
4. **North-east axis:** The Amaravati Capital city concept suggests development of a north-eastern axis to welcome flow of positive energy into the new city.
5. **Brahmasthan-green hub** planning, expresses the importance of a 'Brahmasthan' (Silent Centre) as the centre of any space and proposes a central green hub within the Amaravati Capital city.
6. **Modular Planning** City planning recommends modular development of clusters such as neighbourhoods with central 'Brahmasthan' – central open space.
7. **Growth Corridors** The Concept plan for the Amaravati Capital city proposes 3 important axes which serve as potential corridors within the city.



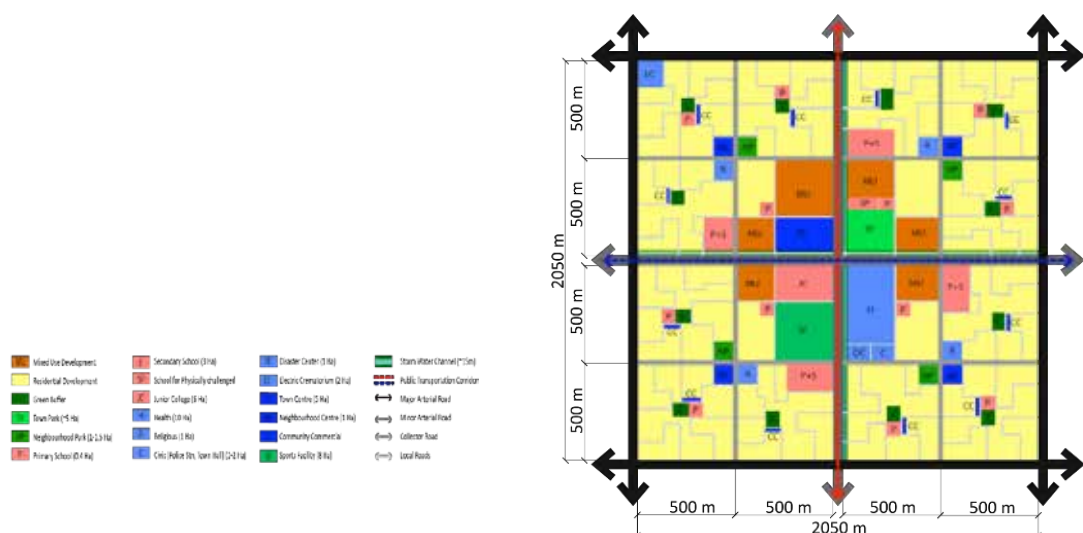
- i. Civic Axis: The Concept plan proposes an important North-South cardinal axis housing the state's civic core with administrative functions like the state assembly, government offices, etc
 - ii. Recreation Axis: A north - eastern axis is planned along the existing the Kondaveeti Vagu anchored on either side by the historic Kanaka Durga temple and Neerukonda hill. This axis will be developed as the city's recreational corridor.
 - iii. Water Front Axis: The Concept plan also proposes an axis along the river front lying between the civic and recreational axis
8. Node Government Node Situated close to the waterfront in the north, this node is envisioned to be the vibrant commercial and civic heart of the city housing the state's new administrative core and city's CBD.

University Node The university node has been identified close to the Neerukonda hill located more centrally for easy connectivity and ample open spaces in its vicinity.

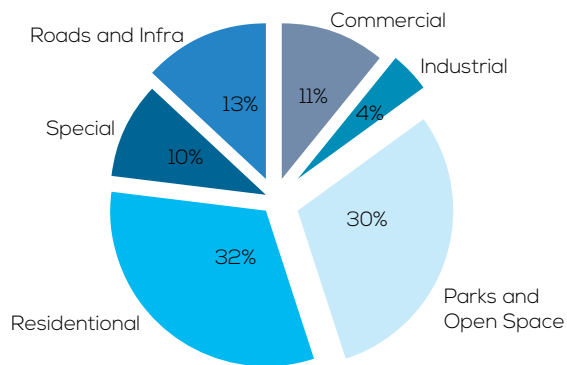
Tourism Node The tourism node is planned in the north-east at close proximity to the famous Undavalli caves housing a number of tourism and cultural activities.

5.2.1 TOWNSHIP PLANNING

The concept proposes residential developments to be clusters into townships. Each township will be planned in accordance to the township model, designed using the strategy of hierarchical distribution of population, land uses, open spaces and infrastructure. The township model is guided by the following design principles:

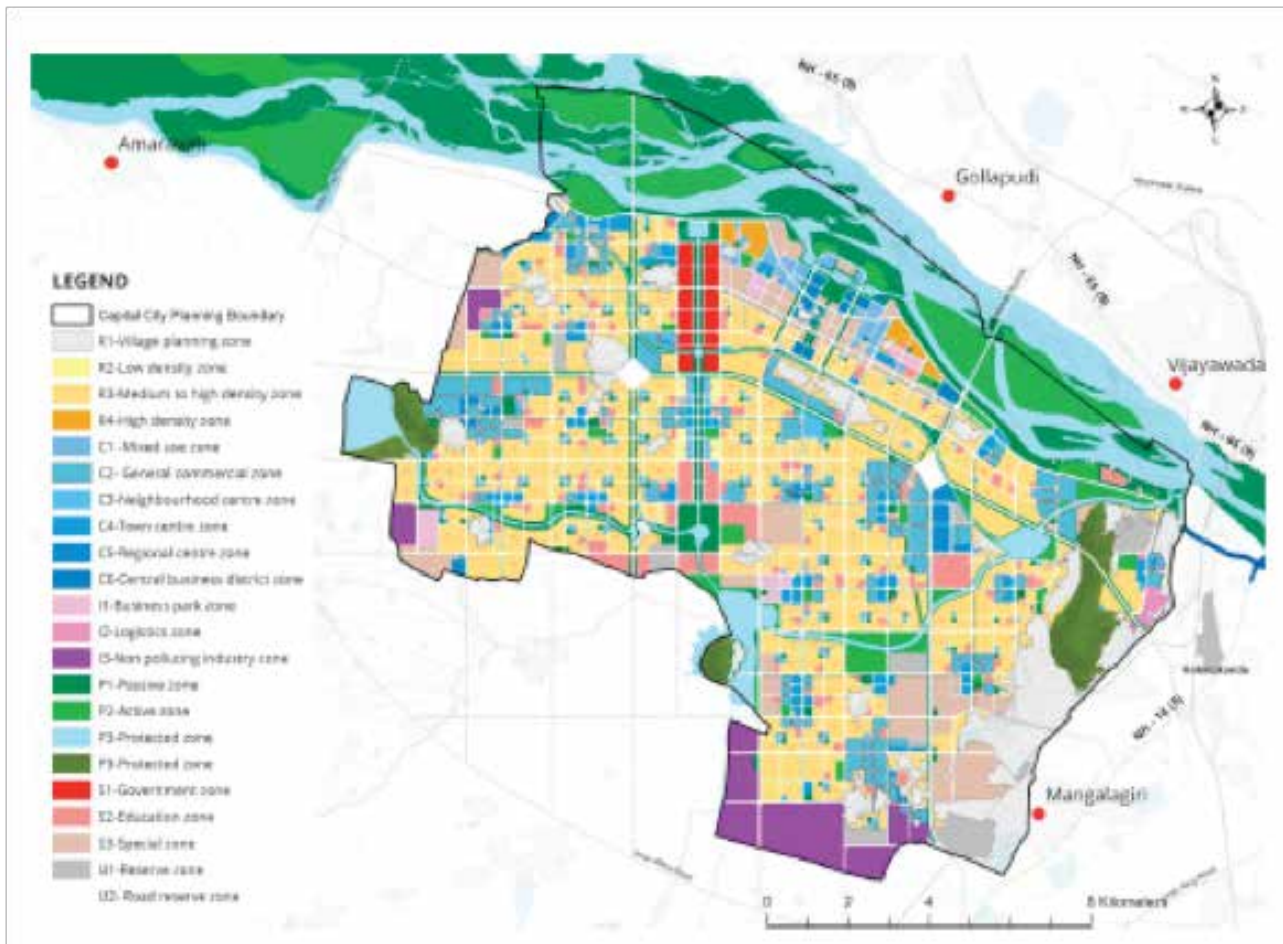


5.2.2 CAPITAL CITY MASTER PLAN



Principles explained above are adopted in Preparation of Master Plan of capital City, Amaravati. The following zoning districts are proposed for the Capital city:

- Residential (R1, R2, R3, R4)
- Commercial (C1, C2, C3, C4, C5 and C6)
- Industrial (I1, I2, I3)
- Open Spaces and Recreation (P1, P2, P3)
- Institutional Facilities (S1, S2, S3)
- Infrastructure Reserve (U1, U2)



The master plan will ensure conservation of existing settlements and create employment opportunities for the city's existing population, Village Planning Zone is shown as R1.

5.2.3 A CITY OF NINE THEME CITIES

The Concept plan proposes 9 themed development cities within the Capital city. These cities have been planned to accommodate complimentary functions. Each of these cities will be a hub of activities serving a unique function and employment generators within the Capital city .



1. Government City: Government City is planned along the north-south cardinal axis. Housing several government functions and residential areas the city covers a land area of about 1093 Ha encompassing medium to high density townships that support the government core.

2. Justice City: Planned south of the government city along the north south cardinal axis, the Justice city will house the various judiciary functions and their support facilities. The Justice city covers a land area of about 1339 Ha

3. Finance City: The Finance city will be economic core within the iconic waterfront (CBD). Covering about 2091 Ha the finance city primarily houses commercial and mixed use developments

4. Knowledge City: Knowledge city is planned south to the Justice and Finance cities. Housing a university campus, several colleges and knowledge park, the city covers a land area of about 3459 ha

5. Electronics City Planned in the south, the Electronics City will thrive on the well-established IT and electronics industry in southern India. Covering a land area of 2663 ha

6. Health City A dedicated Health city compliments the well distributed health facilities, Covering a land area of 2647 Ha.

7. Sports City Planned along the north western riverfront, the sports city is aimed to be a dynamic waterfront attraction accommodating large stadiums, arena and event venues for international scale sports Events, covering a land area of 1679 Ha.

8. Media City The Media and Cultural city is planned close to famous temple town of Anantavaram. Covering a land area of 2067 Ha

9. Tourism City The Tourism city is planned in proximity to the historic Undavalli caves along the river Krishna water front.



URBAN SUSTAINABILITY APPROACHES ADOPTED IN IMPLEMENTATION OF MASTER PLAN

The sustainable approach of planning is essential for optimal resource utilisation and management as well as addressing the critical issues like Climate Change, Energy Self-Sufficiency etc.

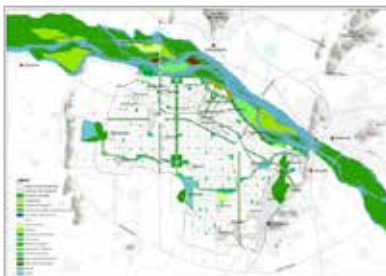
Following Six issues that need to be addressed in terms of Sustainability, are identified in preparation of Master plan.

The Amaravati Capital City, Goals and Strategies to achieve Vision are

1. World Class Infrastructure - > 600 km of Road Network by 2050
2. Jobs and Homes for all- 3.55 Million Resident Population by 2050 and 1.5 Million Jobs by 2050
3. Clean and Green- > 20% area reserved for Green and Blue and > 20+ km Public River Waterfront
4. Quality Living- Parks and Public Facilities within 5-10-minute walking distance
5. Efficient Resource Management- Flood Resistant City Towards Net Zero Discharge
6. Identity & Heritage- Heritage and Tourism Network using Roads, Metro and Waterways

5.3.1 PROPOSED GREEN AND BLUE PLAN

The Blue Green plan creates interfaces between the green and blue creating different water themed



public spaces such as lake parks, waterfront corridor, linear parks, etc. 30 % of capital city area is reserved for Open space and Recreational Zone,

Primary green spaces: Primary green spaces including large city parks, lakes, town parks, neighbourhood parks, water bodies and public plazas form the foundation of the city scale recreational network that provides recreation opportunities and improves a sense of community.

Primary greens are planned along the existing canals and water bodies to serve as city's main ecological corridors. They play a dual role in flood management, and environmental conservation of the native species.

Secondary green links: secondary greens weave through the townships connecting the various town and neighbourhood parks mostly aligned to the arterial roads. Planned as the secondary green fingers of the city, these greens act as passive recreational spaces, interactive jogging trails and non-motorized transport corridors across the city.

Recreational Landscapes: Recreational landscapes include theme parks, golf courses, sports and recreational spaces. These areas house active recreational facilities for the Capital city. **Water bodies:** Existing water bodies including rivers, canals and reservoirs have been carefully protected and integrated with the green spaces.



River Front

22 Km River Krishna waterfront is one of the key assets for the Amaravati Capital city. The riverfront will house the city's iconic civic core and central business district (CBD).



Tourism Plan

The tourism circuit plan, proposes a religious

tourism circuit which connects all the important religious and cultural heritage sites to provide tourists with a well-connected tourism network. This circuit will further tap to the Capital region tourism circuit. The tourism circuit will be anchored with following key destinations

- Amaravathi Temple and Buddha Statue
- Ananthavaram Temple
- Neerukonda Hill
- Kondapalli Fort
- Undavalli Caves
- Mangalagiri Temple
- Kanakadurga Temple



5.3.2 PUBLIC TRANSPORT

Integrated Land use transportation planning with well-connected public Transportation is planned in Amaravati. A grid network is planned with 4 hierarchy of roads, the proposed bus priority routes/ BRT and future Public Transportation (MRT) network run on the Sub arterial roads connecting all the town centres and commercial and recreational hubs.

Type of Roads	ROW(Mts)	Length in Km
Seed Access Road	60	19
Major Arterial Roads	60	44
Arterial	50	107
Sub Arterial	50	145
Collector Roads	25	277
LPS Roads	25/17/15.6/12	1100

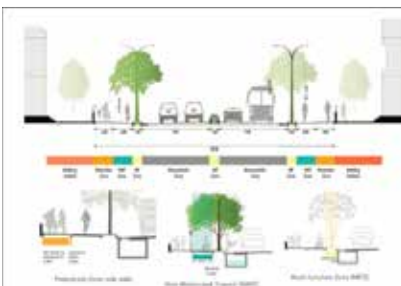
Pedestrian Friendly City: Non-Motorized Transport plan



Dedicated non-motorized transport facilities are planned in the proposed road Network, it is important to implement proper non-motorised transport networks to ensure the safety of passengers and create environment friendly city transport system.

The NMT plan consists of two hierarchies - Primary hierarchy network connects nature areas with City parks (Nature parks, canal parks, City parks and recreational zones), The secondary hierarchy network consists of the neighbourhood parks and town parks.

These hierarchy routes are specially dedicated for pedestrians and cyclists.



The ROW of proposed roads are not only planned for vehicles but planned dedicated spaces for both cyclists and pedestrians to promote walk to work. The key elements of street are Pedestrian Zone (Sidewalk), Non-Motorised Zone (Cycle Track), Multi-function zone, Motorised zone (Carriageway and Service zone).

Pedestrian Zone: The minimum width of a walking zone shall be 1.8 m, ensuring that a wheelchair and a walking person can both fit within any section of the zone.

Cycle-Pathway: The minimum width of an unidirectional, single bicycle lane shall be 2 meters and double bicycle lane shall be 2.5 meters.

5.3.3 PUBLIC FACILITIES

There is a holistic planning of Utilities and Public Facilities, Public facility provisions play a critical role in determining the quality of life within Amaravati Capital City. The public facilities within the Amaravati Capital city have been planned at 4 hierarchical levels, these include:

- City Level
- Regional Level
- Township Level
- Local/ Neighbourhood Level

	City / Regional Level	Township Level	Neighbourhood Level
Educational Facilities	Technical Education Centre, Engineering College, Medical college, Other Professional College etc	Junior College	Primary School, Secondary School
Health & Medical	General Hospital etc	Polyclinic, Multi-specialty Hospital	Health centre/ clinics/ Dispensary
Civic & Community Institutions	Police, Civic Facilities etc	Fire Station, Police	
Parks & Open Space	City Level Park, Botanic Garden	Town Park	Neighbourhood Park
Sports & Recreation	Divisional Sports Centre, City Square, Convention Centre, Museums etc	District Sports Complex	Religious
Commercial Facilities	Local Whole Sale Markets/ Mandis	Town Centre	Local Market



KEY SUCCESS FACTORS IN MASTER PLAN IMPLEMENTATION

5.4.1 BOTTOM UP APPROACH AND PUBLIC CONSULTATIONS

Continuous bottom up engagement process with landowners and citizens of Amaravati in day-to-day interactions through public consultation, participation and knowledge sharing workshop with respect to selection of the project site, land allocation through land pooling system, identifying the critical issues at the village level and thereby integrating them at the local level planning as well as the overall city level planning to achieve a sustainable ecology in the city development process.

5.4.2 SOCIAL INCLUSION

This would aim at achieving seamless integration of the neighbourhood level local community/ village planning unit with the broader city level unit through improved connectivity, mobility, communication system as well as promoting social integration and inclusive planning principles in terms of urban design guidelines, town planning concepts and zoning regulations that targets population of varied age groups as well as social class structure.

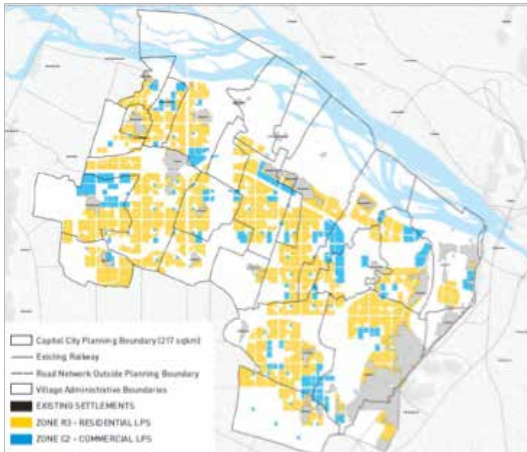


PLANNING OF RETURNABLE LAYOUTS AND PLOT ALLOTMENT

As discussed above, Land Pooling has two distinct phases – 1. Procurement and compensation 2. Allotment and Development of Returnable Plots to the land pooling landowners.

About 95% of the residential area in the capital city is owned by landowners of returnable plots and to ensure transparent, efficient and acceptable allotment of returnable plots, a plot allotment policy was devised and approved by the government and the plots were returned through transparent electronic lottery conducted in the presence of landowners, village elders, public representatives, and other stakeholders. The below sections detail the plot allotment options, consultations including suggestions and objections, LPS timeline, abstract of returnable plot allotment.





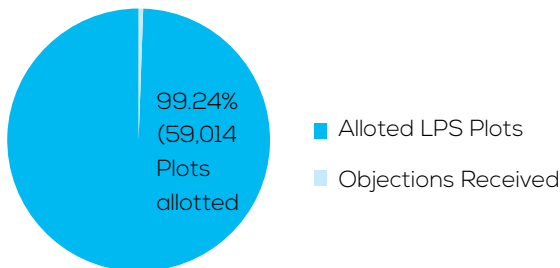
25.90%
Returnable Residential



05.71%
Returnable Commercial

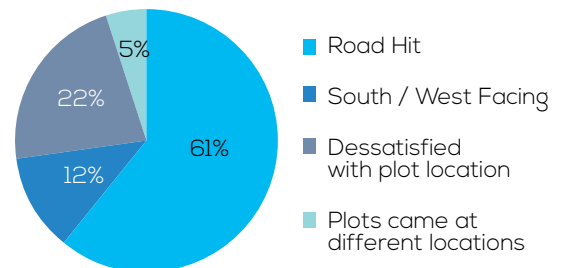
Objections Received Percentage

(451 Objections)
0.76%



Out of the 59,014 plots allotted, only, 451 objections were received and are less than 1% of the allotted plots

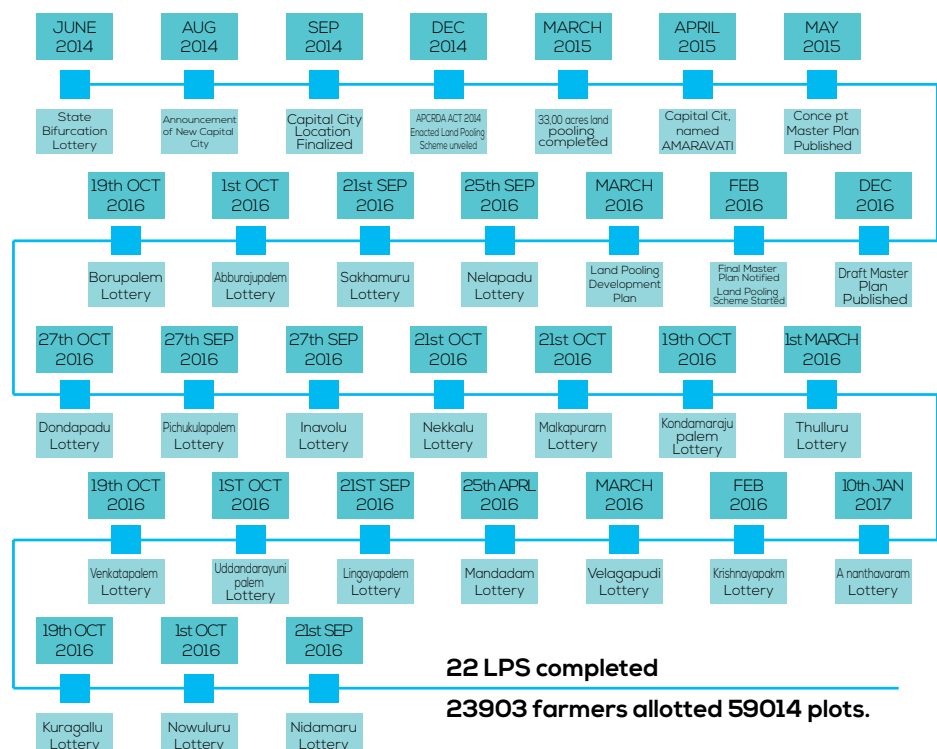
Abstract of Objections - Issue wise



Majority of the objections are regarding Road hits to the plots, while only 24.8% of the total road hits are direct Road Hits for Residential plots

Landowners' acceptance towards LPS development plans and lottery process

LPS Timeline: The LPS process was completed in a record breaking time of two years with highest quality control from the date of AP State formation.



5.5.1 RETURNABLE PLOT STATEMENT

Details of Returnable Plots, both Residential & Commercial Village wise

Sl. No	Name of the Village	Date of Lottery Conducted	No.of Farmers	Residential			
				Dry	Jareebu	Total	
1	Nelapadu	25-Jun-16	841	1083	0	1083	
2	Nelapadu (2nd lottery)	27-Aug-16	100	75	0	75	
3	Sekhamuru	21-Sep-16	1156	1724	0	1724	
4	Sekhamuru (2nd lottery)	27-Sep-16	7	7	0	7	
5	Pichukalapalem	27-Sep-16	368	674	0	674	
6	Dondapadu	27-Sep-16	146	203	0	203	
7	Inavolu	1-Oct-16	810	1283	0	1283	
8	Abbrajupalem	1-Oct-16	497	476	263	739	
9	Borupalem	19-Oct-16	297	352	128	480	
10	Kondamrajupalem	19-Oct-16	476	452	259	711	
11	Nekkallu	21-Oct-16	794	1340	0	1340	
12	Malkapuram	21-Oct-16	233	344	7	351	
13	Krishnayapalem	20-Dec-16	688	935	351	1286	
14	Lingayapalem	24-Dec-16	450	0	748	748	
15	Uddandarayunipalem	24-Dec-16	226	0	347	347	
16	Venkatapalem	31-Dec-16	842	571	651	1222	
17	Velagapudi	3-Jan-17	1088	1592	242	1834	
18	Thullur	3-Jan-17	2031	3253	0	3253	
19	Rayapudi	7-Jan-17	1288	919	997	1916	
20	Ananthavaram	10-Jan-17	1208	2110	0	2110	
21	Kuragallu	11-Jan-17	1921	2917	0	2917	
22	Nidamaru	12-Jan-17	1589	2010	0	2010	
23	Mandadam	19-Jan-17	1635	1450	1200	2650	
24	Nowlur-1	26-Jan-17	1487	0	1713	1713	

Plots Allotted								Grand Total
	Villas			Total Residential Plots	Commercial			
	Dry	Jareebu	Total		Dry	Jareebu	Total	
	53	0	53	1136	768	0	768	1904
	2	0	2	77	25	0	25	102
	97	0	97	1821	1197	0	1197	3018
	1	0	1	8	5	0	5	13
	0	0	0	674	442	0	442	1116
	0	0	0	203	163	0	163	366
	41	0	41	1324	910	0	910	2234
	0	41	41	780	581	0	581	1361
	0	0	0	480	341	0	341	821
	0	0	0	711	547	0	547	1258
	76	0	76	1416	900	0	900	2316
	0	0	0	351	261	0	261	612
	0	0	0	1286	859	0	859	2145
	0	0	0	748	528	0	528	1276
	0	0	0	347	252	0	252	599
	0	0	0	1222	439	515	954	2176
	0	0	0	1834	1079	186	1265	3099
	0	0	0	3253	2155	0	2155	5408
	0	0	0	1916	1456	0	1456	3372
	101	0	101	2211	1321	0	1321	3532
	0	0	0	2917	2201	0	2201	5118
	0	0	0	2010	1599	0	1599	3609
	0	0	0	2650	1055	896	1951	4601
	0	0	0	1713	0	1408	1408	3121

Sl. No	Name of the Village	Date of Lottery Conducted	No.of Farmers				
				Residential			
				Dry	Jareebu	Total	
25	Nowlur-2	26-Jan-17	2309	0	1922	1922	
26	Inavolu (2nd lottery)	08-Feb-17	20	12	0	12	
27	Mandadam (2nd lottery)	08-Feb-17	66	7	92	99	
28	Venkatapalem (2nd lottery)	24-Apr-17	125	6	132	138	
29	Mandadam (3rd lottery)	12-May-17	208	5	267	272	
30	Ananthavaram (2nd lottery)	01-Jun-17	38	29	0	29	
31	Velagapudi(2nd lottery)	01-Jun-17	15	16	4	20	
32	Pitchukulapalem (2nd lottery)	01-Jun-17	116	97	0	97	
33	Thullur - Villa	11-Aug-17	186	0	0	0	
34	Dondapadu - Villa	11-Aug-17	8	0	0	0	
35	Pichukalapalem - Villa	11-Aug-17	34	0	0	0	
36	Rayapudi	11-Aug-17	111	0	0	0	
37	Borupalem	11-Aug-17	18	0	0	0	
38	Kondamrajupalem	11-Aug-17	46	0	0	0	
39	Lingayapalem	11-Aug-17	51	0	0	0	
40	Velagapudi	11-Aug-17	44	0	0	0	
41	Venkatapalem - Villa	11-Aug-17	102	0	0	0	
42	Uddandarayunipalem-Villa	11-Aug-17	20	0	0	0	
43	Krishnayapalem - Villa	11-Aug-17	66	0	0	0	
44	Malkapuram - Villa	11-Aug-17	18	0	0	0	
45	Mandadam - Villa	11-Aug-17	114	0	0	0	
46	Uddandarayunipalem (2nd Lottery)	08-Sep-17	83	0	129	129	
Grand Total			23976	23942	9452	33394	

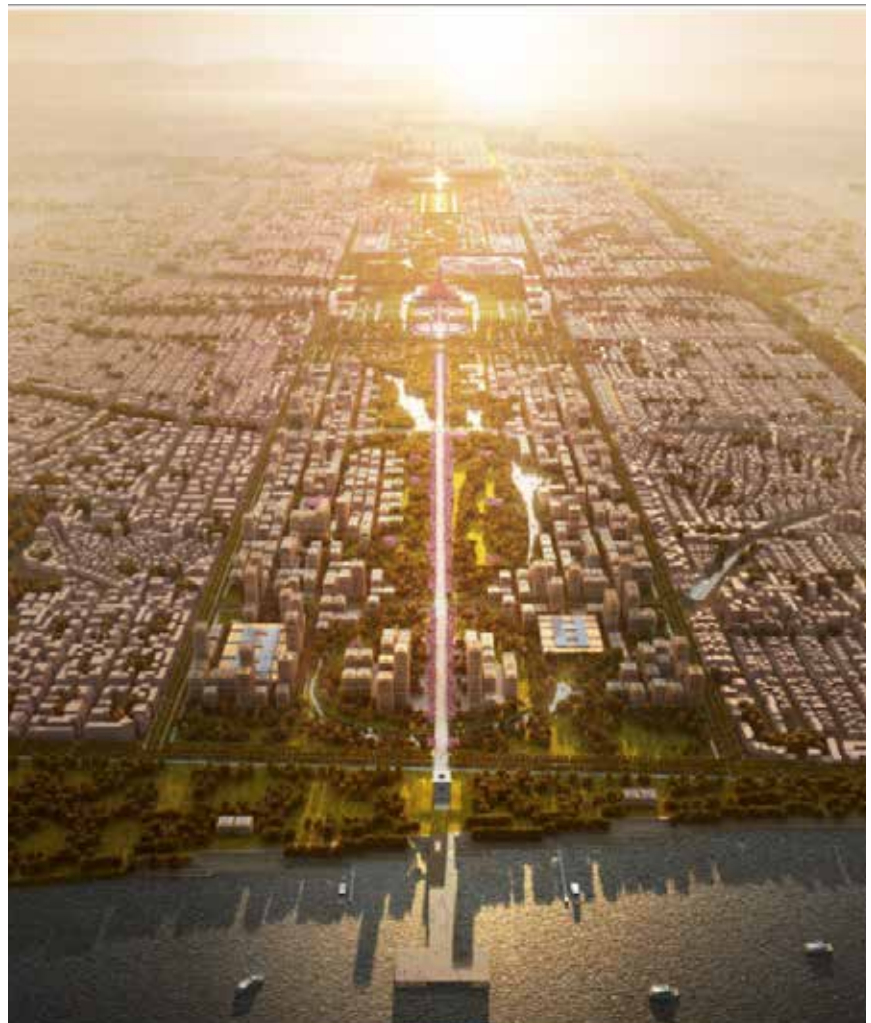
Plots Allotted								Grand Total
	Villas			Total Residential Plots	Commercial			
	Dry	Jareebu	Total		Dry	Jareebu	Total	
	0	0	0	1922	0	1584	1584	3506
	3	0	3	15	11	0	11	26
	0	0	0	99	8	64	72	171
	0	0	0	138	6	100	106	244
	0	0	0	272	3	203	206	478
	8	0	8	37	16	0	16	53
	0	0	0	20	11	3	14	34
	0	0	0	97	43	0	43	140
	210	0	210	210	0	0	0	210
	9	0	9	9	0	0	0	9
	54	0	54	54	0	0	0	54
	56	80	136	136	0	0	0	136
	16	4	20	20	0	0	0	20
	38	15	53	53	0	0	0	53
	0	58	58	58	0	0	0	58
	36	9	45	45	0	0	0	45
	41	71	112	112	0	0	0	112
	0	22	22	22	0	0	0	22
	65	37	102	102	0	0	0	102
	22	0	22	22	0	0	0	22
	85	37	122	122	0	0	0	122
	0	0	0	129	0	91	91	220
	1014	374	1388	34782	19182	5050	24232	59014



5.6 AMARAVATI GOVERNMENT COMPLEX – PLANNING & DESIGN

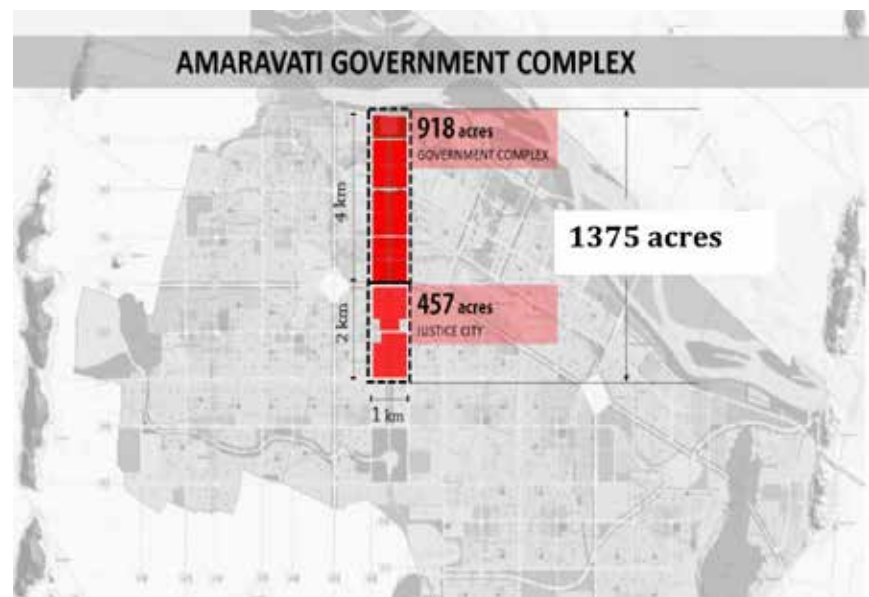
Amaravati Government Complex is envisioned to become the Nucleus of Cultural & Aspirational Symbolism and Identity for Amaravati Capital City and people of Andhra Pradesh at large.

Spread over about 1350 Acres, the Government Complex would essentially be the hub of State Administration and Governance. The area would house Iconic Civic Institutions of Legislature, High Court, Secretariat, Raj Bhavan and their related eco system. Housing for various Government functionaries – Chief Minister, Ministers, Members of Legislature, Judges, AIS Officers and other Govt employees – would also be provided in the Government Complex.



Apart from State Govt establishments, the Government Complex would also have space for Central Government Institutions and an International Diplomatic Enclave with various International Organizations, Consulates, Missions and Cultural Centers.

A key aspect of the formulation of the Government Complex is to make it 'inviting and accessible' to people. Amaravati being the 'People's Capital', a significant part of Government Complex would have a contiguous network of public spaces and private Mixed uses for people. The idea is to have a symbiotic co-existence of 'People' and 'Government'. The major public spaces include the Riverfront, the Central Vista and the Capital Square, which would become places for people to come and interact with their Capital. Also, Mixed uses in the area – Residential, Offices, Recreational, Commercial, Cultural – would keep it vibrant and active at all times.

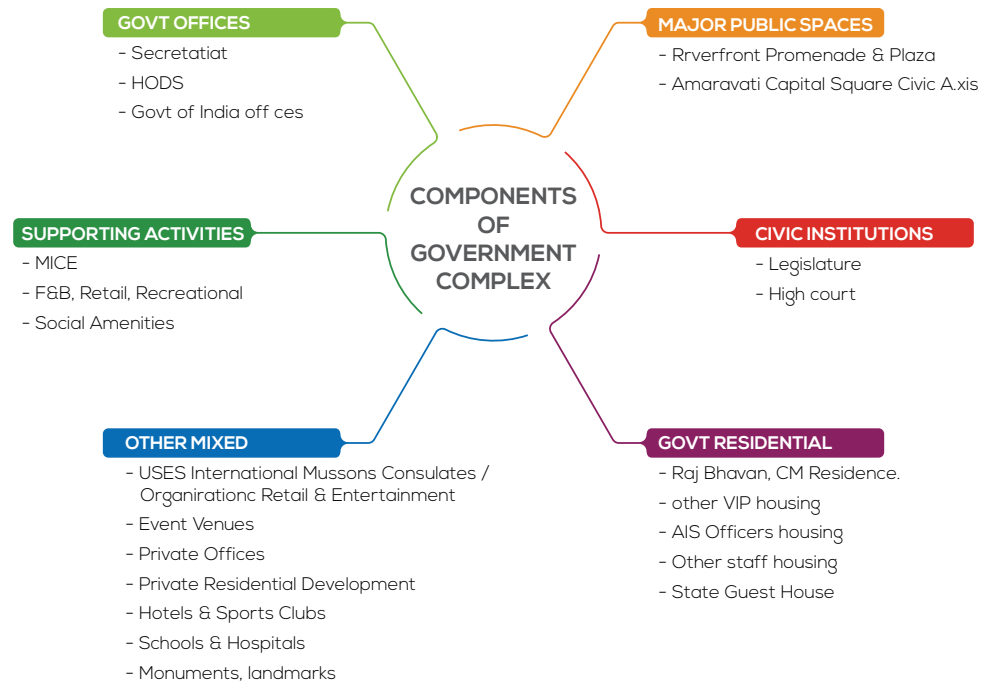


The Government Complex would have a generous allocation of Green (Vegetation) and Blue (Water) spaces to create a pleasant ambience for 'People' and 'Government' to live, work and play.

- The site is aligned North – South, and is 1km wide. It has Krishna river to the North and extends 6km south with a North – South Ceremonial Axis as the Anchoring spine.

- Apart from the Krishna river forming the North edge for the Complex, Kondapalli hills to the North and Neerukonda hill to the South are significant Natural features which become points of reference for the Area at a Macro scale.

5.6.1 COMPONENTS OF AMARAVATI GOVERNMENT COMPLEX



Concept Master Plan for Amaravati Government Complex:

5.6.2 DESIGN PRINCIPLES:

- **Density, Diversity and Balanced Mix of Uses**

Embrace density, diversity and mix of uses, users, building types and public spaces. Creating resiliency and reducing the carbon footprint of urban development requires us to maximize the active use of space and land.

- **Walkability**

The use of urban space and its buildings is grounded on how pedestrians experience space. Prioritizing pedestrian space use as a defining component of an urban design considers an urban environment's healthy quality of life.

- **Promote Transit**

Future urban growth can develop in a way that is transit supportive. After walking and cycling, transit is the most sustainable mode of transportation.

- **Place-Making**

Focus on conserving, enhancing, and creating strong, vibrant places, which are a significant component of the capital's structure and of the community's identity. All successful cities include vibrant places, with a strong sense of identity, which are integral to community life and the public realm: parks, plazas, courtyards, government buildings, public streets, etc.

- **Connectivity and Mobility**

Streets and pedestrian walkways must be enjoyable to walk, must link key destinations, and must operate at a fine scale.

- **Integrated Natural Systems**

Conserve and enhance the health of natural systems (including climate) and areas of environmental significance, and manage the impacts of climate change. Climate is, increasingly, a key driver to transforming our development patterns and living choices.

- **Identity**

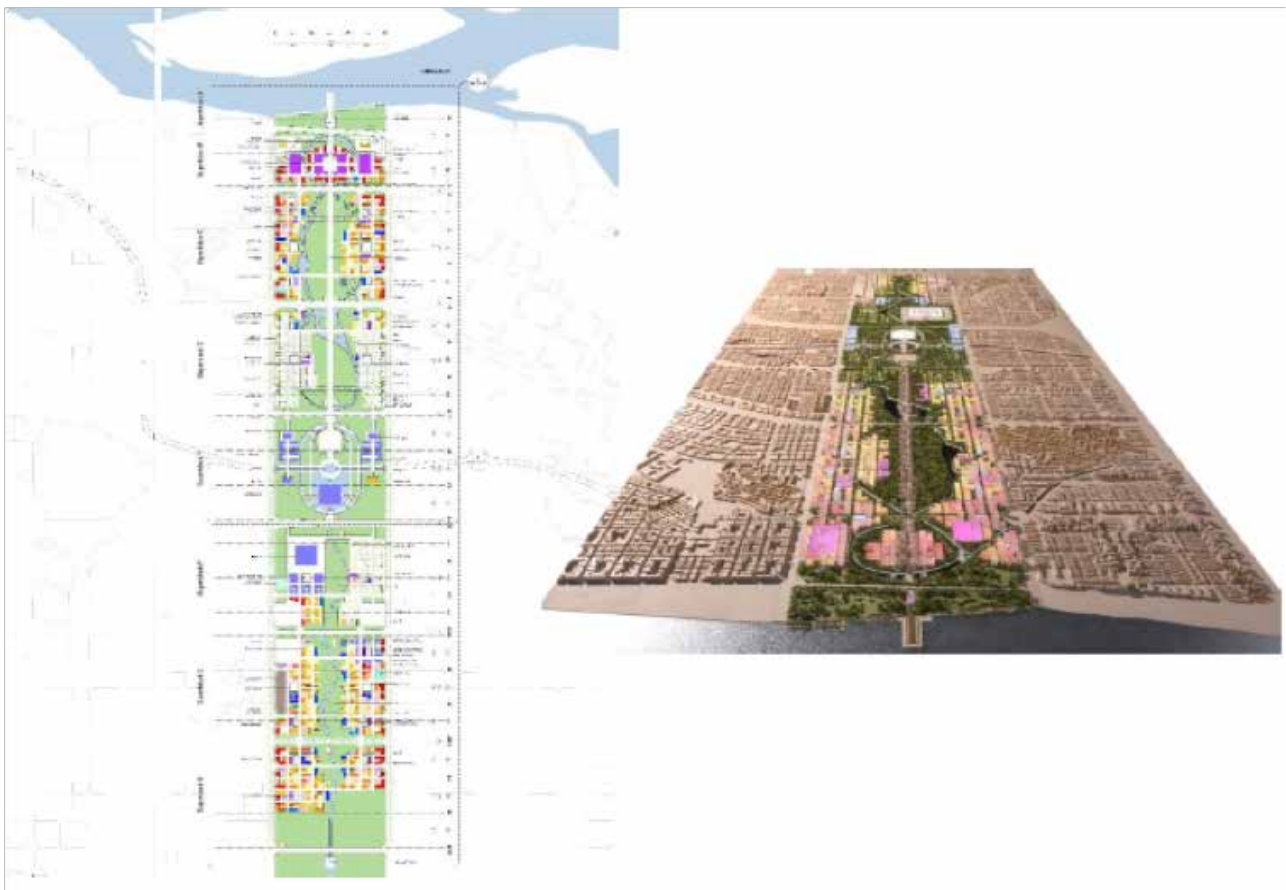
A capital city that can reflect the culture, history and future of the city.

- **Redundant and Durable Life Safety and Critical Infrastructure Systems**

Plan and design for redundancy and durability of the capital complex and the city as a whole life safety and critical infrastructure systems.

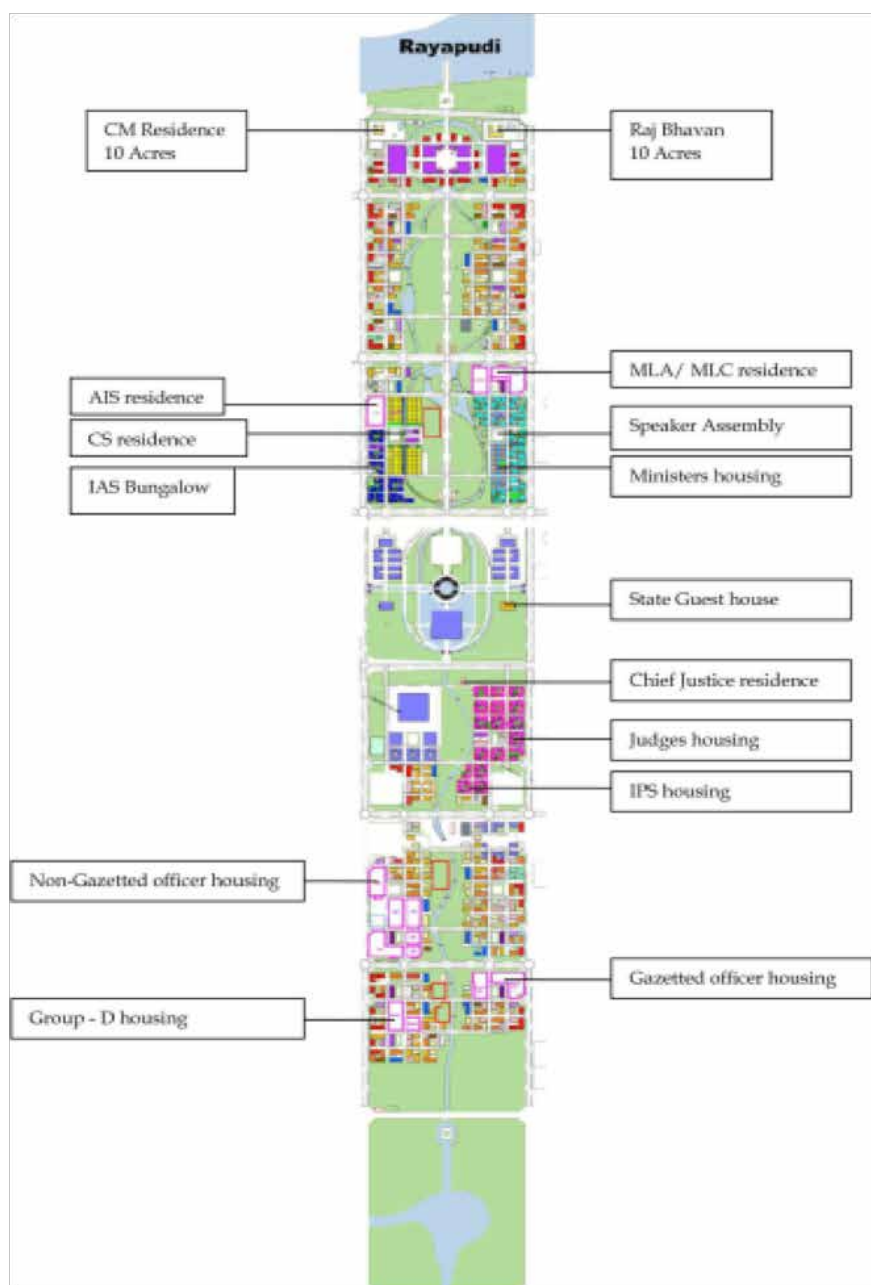
- **Resilient Operations**

Developing building types and urban forms with reduced servicing cost, and reduced environmental footprints.



5.6.3 GOVERNMENT HOUSING:

Government complex shall house buildings for key institutions of state like State Assembly, State Secretariat, High Court, Raj Bhavan (Governor's Residence), along with VIP housing Enclave, Government Housing etc.,



MLA/MLC Apartments: MLA/MLC Apartments are 12 towers going 12 storied high with 2 apartments per floor. Each apartment is 3500 sqft unit. They are located in the super block D of Amaravati government complex.



MLA/MLC Unit Plan



MLA/MLC Apartments Site Plan



MLA/MLC Apartment Elevation

AIS Apartments: AIS Apartments are 6 towers going 12 storied high with 2 apartments per floor. Each unit 3500 sft. They are located in the super block D of Amaravati government complex..



AIS Apartments Site Plan



AIS apartment Unit Plan



AIS apartment Elevation



Gazetted officers type I Apartments Plan

Gazetted officers type II apartments: Gazetted officers type II apartments are 7 towers going 12 storied high with 4 apartments per floor. Each unit is 1500 sft. They are located in the super block H of Amaravati government complex.

Gazetted officers type I apartments: Gazetted officers type I apartments are 8 towers going 12 storied high with 4 apartments per floor. Each unit is 1800 sft. They are located in the super block H of Amaravati government complex.



Gazetted officers type I Apartments Site Plan



Gazetted officers type I Apartments Elevation



Gazetted officers type II Apartments Site Plan



Gazetted officers type I Apartments unit Plan



Gazetted officers type I Apartments Elevation

Non Gazetted officers apartments: Non Gazetted officers apartments are 22 towers going 12 storied high with 8 & 6 apartments per floor. Each unit is 1200 sq ft. They are located in the super block G of Amaravati government complex.



Non Gazetted officers Apartments Site Plan



Non Gazetted officers Apartments unit Plan



Non Gazetted officers Elevation



PROJECTS

Greenfield Capital city development projects are typically different from brownfield developments. Infrastructure in greenfield city has to be provided upfront so as to attract people in to the city and to kick-start the economy in the city, unlike brownfield township developments as extensions to existing cities. Development of Amaravati Capital city is unique and one of its kind, unprecedented in terms of size and scale. While in a brownfield city development, certain components are developed in stages (example: underground drainage works, water supply schemes), in a greenfield projects that too a Capital city project, several Tier 1 or Trunk infrastructure and Tier 2 or Last mile infrastructure works shall be taken up simultaneously in addition to the development of the Capital complex for the state.

Accordingly, the various projects that have been conceptualized, DPRs prepared and in the pipeline are Tier I Infrastructure works spanning across the city, Tier II Infrastructure works covering the layouts and neighbourhoods and key Government infrastructure works such as assembly, high court, government housing, HOD buildings, etc.. each of these works are treated as projects and Ch2M Hill is engaged to assist as Program Managers to fastrack and smoothly implement the projects.

Some of the Tier 1 infrastructure projects works are implemented by Amaravati Development Corporation and include roads, water supply lines, flood mitigation works, greenery, etc.. The Tier 2 infrastructure works include the last mile neighborhood infrastructure, infra in returnable layouts, upgradation of existing village infrastructure etc.

The Amaravati Government complex (AGC) project which is a development of the various state of the art Government institutions over 1,400 acres of land involves development of Legislative Assembly, High Court, Secretariat, HOD offices, Raj Bhawan, CM residence, Housing for Ministers, Public representatives, officers and other employees etc.

APCRDA appointed Strategic Management Consultant M/s. McKinsey & Co has prepared a detailed development plan covering Amaravati Government complex, Trunk infrastructure and the last-mile infrastructure with an initial estimate of INR 30,000 crores to be spent over the first 3-year period.

A detailed account of projects already implemented / under implementation such as IGC, Seed Access Road and projects in pipeline is presented below:



CONSTRUCTION OF INTERIM GOVERNMENT COMPLEX AT VELAGAPUDI

6.1.1. SALIENT FEATURES OF THE PROJECT (EPC-CIVIL BUILDINGS):

The Government of Andhra Pradesh sanctioned for awarding the works of Construction of Interim Government Complex comprising 6 Buildings of G+1 (Designed for G+7) vide G.O.Ms. No.47, MA&UD dated 19.02.2016.

Components of the Project:

The total construction area of 6 buildings: 6, 00,000 Sft.

Area covered by the buildings: 27.082 Acres.

Area covered by external parking: 18 Acres.

Total area of Interim Government Complex: 45.129 Acres

Office for the Hon'ble Chief Minister: Building -1

Assembly and Council: Building -6

Secretariat: Building -2,3,4 & 5

6.1.2 PROJECT TIMELINE:

AP Secretariat Buildings started on 17th February 2016 and B2 to B5 occupied by Secretariat employees from 3rd Oct' 16. Building No.1 First floor C M office was occupied from 30th Nov' 2016.

6.1.3 PROJECT IMPORTANCE:

- The occupation of Secretariat employees has done within 7 months of starting of the Buildings i.e Building no.1 to Building No.5
- Per each Floor 500 number of staff are accommodated.
- In addition to Building services like electrification, HVAC, Fire Fighting all Furniture for topmost officer to Section officer with storage facilities are provided
- All advanced facilities like Video conferencing halls, command control centers, canteen, Banking facilities, Post Office, Health Centre, Gym, Crutch, storage Optimizer units, WI-FI, sensor based energy efficient lighting, Access control based entry system, IT, solar fencing with latest security arrangements etc. provided under one complex.
- All Buildings are accommodated with safe evacuation staircase in case of Emergency.



6.1.4 AP LEGISLATURE BUILDING:

The Andhra Pradesh Legislature building is secluded from the other secretariat buildings as per its significance of functionality and Security.

6.1.5 STRUCTURE:

- Constructed Built Up area (G+1 floor) = 8369 sq.m
- The structure is designed for G+7 floors.
- The foundation of the structure is end bearing pile driven up to hard strata at 25 to 30m deep with 160 Piles supporting 108 Columns
- Massive pile of 900 & 1200 dia considered for stability.
- Suspended slab proposed at ground floor level to avoid settlement.
- Double height column free, curvilinear space planned for Assembly & council hall with large span ie. 22 meters long roof beams.
- The area of Assembly Hall is 7532 Sq. Ft seating capacity for 231 members.
- The area of Council Hall is 4626 Sq.Ft with seating capacity for 90 members.

6.1.6 PROJECT TIMELINE:

AP Legislature Buildings started on 18th August 2016 and completed in 192 days for occupation.

6.1.7 PROJECT IMPORTANCE:

- The occupation of legislature employees has done Within 5 months of starting of the Buildings.
- In addition to Building services like electrification, HVAC, Fire Fighting all Furniture for topmost officer to Section officer with storage facilities are provided
- All advanced facilities like Video conferencing halls, WI-FI, sensor based energy efficient lighting, Access control based entry system, IT, solar fencing with latest security arrangements etc. provided.
- In Technical rooms of Both Houses having 11 language translators are provided in built in Mikes.
- Audio and Video conferencing system facility is available in both the Houses.
- Both House proceedings can be heard by all the employees of the Legislature in addition to Public addressing system.
- In the first floor, a total of 52 rooms including galleries for both the houses, two committee meeting halls, Cabins

for Ministers, rooms for floor leaders, Joint & Deputy Secretaries rooms, 150 work stations for Secretariat staff of both Assembly and Council, Library, press and other services are provided.

- Parking for cabinet Ministers and above cadre is provided within the premises and rest MLAs, MLCs, other staff & Visitors parking is provided outside the premises.
- The building has entrances on four directions and staircases on four corners for free movement and quick evacuation during emergency



6.1.8 DEPARTMENTS IN IGC:

Government vide G.O.Rt No.2072 of GAD dated 27.09.2016 made tentative allocation of space to the staff of various departments of AP Secretariat at Velagapudi. The details of offices provided to Government Departments in the temporary secretariat at Velagapudi

DEPARTMENTS

BUILDING-1

Ground floor:

1. General Administration (Election, V&E) Department
2. Law Department

First floor:

1. Chief Minister's Office (CMO)
2. Chief Secretary's office (CSO)

BUILDING-2

Ground Floor:

1. Industries department
2. Public Enterprises Department
3. Energy, Infrastructure & investment Department
4. Home Department
5. Municipal Administration & urban Development Department

First Floor:

1. Finance Department
2. Planning Department

BUILDING-3

Ground Floor: Utilities

1. Telecom Office & BSNL Server Space
2. APTS Secretariat Support Team
3. Pay & Accounts
4. Convenience Area (4 Counters E-Seva/ MEE -Seva/Rail/Bus Reservation Counters, Post Office, 200 SFT Bank, 1437 SFT Bank, 2-ATM's, Shops, Cooperative Credit Society Office)
5. Crèche Cum Play School
6. Dispensary (5 Bedded)
7. Recreation Zone For TT Table, Gym & Library
8. Restaurant (400 Capacity)

First Floor:

1. Backward Classes Welfare Department
2. Minorities Welfare Department

3. Social Welfare Department
4. Women, Children, Disabled & Senior Citizens Department
5. Youth Advancement, Tourism & Cultural Department
6. Skill Development & Entrepreneurship and Innovation

BUILDING-4

Ground Floor

1. Agricultural & Cooperation Department
2. Animal Husbandry, Dairy Development & Fisheries Department
3. Environment, Forest, Science & Technology Department
4. Revenue Department
5. Consumer affairs & Civil supplies Department.
6. Revenue (DM)

First Floor

1. Higher Education Department
2. School Education Department
3. IT, E&C Department
4. Water Resources Department
5. Rain Shadow Area Development department

BUILDING-5

Ground Floor

1. Health, Medical and Family Welfare Department
2. Panchayat Raj and Rural Development Department
3. Housing Department
4. Labour employment, Training and Factories Department

First Floor

1. Transport, Roads and Buildings Department
 2. Vigilance Commission
- All Departments have occupied the Interim Government Complex.



STAFF HOUSING AT GOVERNMENT COMPLEX, AMARAVATI:

6.2.1 BACKGROUND:

The Government is the first anchor in Amaravati city's development. The entire administration has been shifted from Hyderabad to Velagapudi, Amaravati in 2016-17. All the HoDs also have been shifted from Hyderabad. For want of space, these HoDs are all scattered at present, in and around Amaravati. Though the Secretariat has started functioning from the Interim Government Complex at Velagapudi, there are no houses/ government quarters available for about 2,500 employees working at the IGC. Many of them are either accommodated in Vijayawada/ Guntur/ Mangalagiri. This is a major inconvenience for the employees which in turn will effect the efficiency of the government working. Further as a part of development of Amaravati, one of the important aspects is to populate the city. Against this background and to help government employees and their households to relocate to Amaravati, there is an urgent need to construct sufficient number of government quarters. These quarters need to be built for all categories of officers and staff, i.e., All India Service officers, Gazetted officers, Non Gazetted officers and Class IV employees. At present, the Amaravati is in its initial phase of development, these government quarter complexes shall be developed with all necessary social infrastructure. The housing will be designed as per international standards and will feature smart-housing elements such as security and surveillance technology, and building management systems, including smart metering as well as high-quality social infrastructure including schools, healthcare facilities, civic amenities and infrastructure.

During various review meetings conducted by the Hon'ble Chief Minister on Amaravati development, the APCRDA has been directed to propose the development of the employee quarters on immediate basis on behalf of the Government and through further discussions with various departments of Go AP including GAD, it is proposed to construct 4014 quarters including 3820 units of multi storied apartments and 194 bungalows for the senior officials.

After multiple discussions with stakeholders, the proposed area statement has been presented at the Hon'ble CM review meeting on 02.08.2017, along with comparison with other cities, and proposal by GAD. The final area statement incorporating the comments from the Hon'ble CM was presented during the Cabinet session on 03.08.2017. Inputs from the cabinet have been noted, and the same have been incorporated in to the final area statement.

The final area statement and typical floor plans were then presented to Administrative Committee, (constituted by - G.O.Rt.No.339, Dated: 02.05.2017 to take up various decisions related to Amaravati Government Complex) on 08.08.2017. Inputs from the Administrative Committee have been incorporated into the final area statement and the typical floor plans designs.

In this process and as per APCRDA Act 2014, M/s. Fosters & Partners, AHC (Hafez Contractors) consortium had been engaged as Master Architect for Preparation of Master Plan for Amaravati Government Complex area of about 1452 Acres. Wherein M/s. Arcop Associates private Limited has been appointed as Architect for Concept Planning, detailed design and preparation of DPR's of proposed Staff Housing in Amaravati government complex area.

The Cost estimates have been prepared by M/S Arcop Associates which have been reviewed by Programme Management Consultant CH2M with their subject experts.

During evaluation of tentative cost estimates for each of the zones/ sectors/tower construction the Recommendations of APCRDA Advisor have been adopted for shear wall technology with Mivan shuttering for implementation to save time and budget for early completion of the project.

The broad tentative cost estimates for each of the zones are presented below:

Type		Description	Suggested Nos of Units	Super Built up Area Unit Area (SFT)	Total Super Built up Area (Sq.Ft.)	Budget Cost for Unit (In Cr)
Multi storey Apt	1	MLA	288	4,546	1,446,169	700
Multi storey Apt	2	Other AIS officers	144	4,546	723,189	
Multi storey Apt	3	Gazetted Officers Type-I	384	2,313	961,868	1098
Multi storey Apt	4	Gazetted Officers 'Type-II	336	2,010	740,063	
Multi storey Apt	5	Class IV	720	1,235	1022149	
Multi storey Apt	6	Non Gazetted Officers	1968	1,627	3563640	854
			3840		8457078	2652

6.2.2 WORK PACKAGING:

There are six number of different Housing proposals for construction in Government multi storied apartment in Government Complex i.e., MLA, All India Service officers, Gazetted officers, Non Gazetted officers and Group-D employees.

The package was divided based on the following considerations

Location of Project site

Categories of Buildings

Average size of package was considered as 30 Lacs Sft , which will be economical to Contractor to Procure Shuttering material

The Following are the Packages

1) Package -1 MLA and AIS Officers

2) Package -2 Non Gazetted officers

3) Package -3 Gazetted officers type-1, Gazetted officers type-1 & Group-D

Package	Description	Towers	Flats per Floor	Nos of Flats	Built up Area (Sft)	Total Built-up Area(Sft)
1	MLA	12	2	288	3500	1008000
	AIS officers	6	2	144	3500	504000
Sub Total Package-1	18		432	3500	1512000	
2	Non Gazetted Officers	22	16 Nos - 8 Flats			
6 Nos- 6 Flats	1968	1200	2361600			
Sub Total Package-2	22		1968	1200	2361600	
3	Gazetted Officers Type-I	8	4	384	1800	691200
	Gazetted Officers Type-II	7	4	336	1500	504000
	Class D	6	10	720	900	648000
Sub Total Package-3	21		1440		1843200	
Total Package	61		3840		5716800	

6.2.3 CONTRACT DETAILS OF 3 PACKAGES OF WORKS AT STAFF HOUSING AT AGC:

As per the packaging of the housing, tenders for each of the package were called for from various contractors on 18.08.2017, 23.08.2017 & 24.08.2017 respectively on e procurement platform. Four major contractors have participated in the bidding and the Offers received from each of the contractors for various packages is as below.

S. No.	Name of the Agency	Package No.	Amount Rs. Cr	Date of issue of LOA
EPC Works (Civil Building Work)				
1	NCC Ltd , Hyderabad	Package I – MLA and AIS Housing	635.9	17.10.2017
2	Larsen & Toubro, Ltd	Package II – NGO Housing	866.1	17.10.2017
3	SPCL Ltd	Package III – Gazetted Type-I &II, Class D	707.4	17.10.2017
	Total (EPC Works)		2209.4Cr.	

The above three works have started and the same are under progress.



Housing projects Construction works in full swing



IMPLEMENTATION OF INFRASTRUCTURE IN LPS LAYOUTS

6.3.1 BACKGROUND

Government of Andhra Pradesh desires to develop Amaravati city (Peoples Capital) as a world class Capital City by providing smart roads comprising medians covered with green orchards, closed storm water drains and other infrastructure like drinking water supply including fire hydrants, Sewerage (UGD), Gas lines, Power & ICT Cables etc., to be placed in a duct run on either side of the well built roads.

As per APCRDA Act 2014, infrastructure in the returnable layouts shall be provided within 3 years from the allotment of returnable plots. M/s. Aarvee & GILC is engaged as Infrastructure Consultants for submission of inputs related to planning, designing and preparation of DPR for entire smart infra requirement of Capital City.

As a part of LPS, each of the beneficiary / participant of LPS are to be allotted, developed plots roughly equal to 25% of the land given by them. Development of these LPS layout is one of the key milestones in construction of Amaravati Capital city. Planning and design of Infrastructure for 17000 acres of returnable plots under LPS is within the scope of Infrastructure Consultant along with assistance in tender notification for development purpose.

Development Scheme:

- Road Development;
- Water Supply: Treatment & Distribution.
- Sewerage works Collection & Treatment
- Storm Water Drainage network;
- Rain Water Harvesting;
- Electrical lines and Street lighting, Telecommunication lines located in exclusive ducts laid underground and
- Development of open spaces as Parks, Play Grounds and Avenue Plantation without obstructing pedestrian ways or road.

6.3.2 PROJECT ZONES AND WORK PACKAGES:

Zone	Villages Covered	LPS Area (Acres)	Master Plan Area (Acres)	Total area (Acres)
Zone-1	Nekkallu(P), Shakamuru (P)	1023.46	1120.94	2144.40
Zone-2	Ananthavaram(P), Nekkallu(P), Nelapadu(P), Shakamuru(P), Thulluru(P)	1288.50	796.99	2085.49
Zone-3	Nelapadu(P), Shakamuru(P), Kondamarajupalem(P), Rayapudi(P)	1172.49	1402.96	2575.45
Zone-4	Pichukulapalem (P), Thulluru (P), Ananthavaram (P)	843.66	514.76	1358.42
Zone-5	Abbarajupalem, Borupalem, Dondapadu, Pichukulapalem(P), Thulluru(P), Ananthavaram(P), Rayapudi(P)	3075.68	2098.86	5174.54
Zone-7	Kondamarajupalem (P), Lingayapalem(P), Uddandarayunipalem (P), Velagapudi (P), Mandadam(P).	1388.51	914.88	2303.39
Zone-9	Nelapadu, Sakhamuru, Inavolu(P), Malkapuram, Kondamarajupalem(P), Krishnayapalem(P), Lingayapalem(P), Uddandarayunipalem(P), Velagapudi(P), Mandadam(P), Venkatapalem.	4577.91	1891.98	6469.89
Zone-10	Inavolu (P), Krishnayapalem(P), Kuragallu(P), Mandadam(P), Nowluru(P)	1429.89	926.59	2356.48
Zone-12	Kuragallu(P), Nowluru(P), Nidamaruru(P)	2748.68	5089.22	7837.90
Zone-12A	Kuragallu(P), Nidamaruru (P)	2155.79	1704.19	3859.98
GRAND TOTAL		16220.12	13140.48	29360.60

Zones - 1, 2, 3, 6, 7 & 10 is planned in EPC and

Zones - 4, 5, 9, 12 & 12A is planned in HAM model, which is briefly described below:

HYBRID ANNUITY BASED PPP:

1. Hybrid Annuity based PPP route is being adopted for the development of LPS infrastructure on the returnable plots to the farmers.
2. EPC structure will put additional and immediate burden on APCRDA in terms of capital funding requirement. HAM has been proposed to diversify the funding avenues and involve private sector in the development of Amaravati.
3. In a typical hybrid annuity model, 51% investment will be made by the private developer, which will in turn be sourced from a combination of borrowings and equity. HAM model is hugely popular and successful in NHAI, Government of India.

Sl. No	Category	Contract value
1	Zones 1: Total Area-1,023 acres	653
2	Zone 2: Total Area-1,313 acres	698
3	Zone 3: Total Area-1,172 acres	654
4	Zone 4, 5, 9, 12, 12a: Total area - 13,401 acres (HAM)	10,745
5	Zone 6: Total area - 830 acres	509
6	Zone 7: Total area - 1389 acres	1103
7	Zone 10: Total area - 1430 acres	1309
6	Zone 8, 11 & AGC Infra: Total area - 3,439 + 1640 acres	2074
	TOTAL	17,745

6.4. CONSTRUCTION WORKS IN AMARAVATI CAPITAL CITY – TRUNK INFRASTRUCTURE

Pkg. no	Project	Contract value (Cr)	Name of the Firm
-	Construction of Seed Access Road from Dondapadu to Undavalli (18.20Km)	215.55	M/s NCC Ltd
I	Construction of E08 Road with BRT near krishnayapalem to Nekkellu (Western Boundary) (14.95km)	272.19	M/s NCC Ltd
II	Construction of N09 Road near Uddandarayunipalem to Nidamarru (Southern Boundary) (12.50km)	214.94	M/s BSR Infratech India Ltd
III	1). Construction of N04 Road near Venkatapalem to Navluru (Southern Boundary) (7.17Km).	266.25	M/s BSCPL Infrastructure Ltd.
	2) Construction of N14 Road near Borupalem to Sakhamuru (Southern Boundary) (8.27Km)		
IV	1) Construction of E10 Road near Penumka to Inavolu (Western Boundary) (7.81Km)	337.98	M/s BSCPL Infrastructure Ltd.
	2) Construction of E14 Road near Mangalagiri to Neerukonda (Western Boundary) (7.30Km)		
	3) Construction of N16 Road Abbarajupalem to Nekkellu (Southern Boundary) (8.77Km)		
V	E 6 Road – World Bank (9.84km)	275.09	NCC-RVR Ltd
VI	E12 Road – World Bank (6.79km)	226.67	NCC-RVR Ltd
VII	N11 Road – World Bank (8.66km)	279.37	NCC-RVR Ltd
VIII	E10, E14 and N16 Roads – Utilities (23.94km)	408.84	Megha Engineering & Infrastructure Ltd.
IX	N9, N4 and N14 Roads – Utilities (27.91km)	564.08	BSR Infrastructure India Ltd.
X	E6, E8, E12 and N11 Roads – Utilities (40.24km)	509.74	NCC Ltd
XI	E2, E4 and N7 Roads and Utilities (32.74km)	1123.62	L&T Ltd.
XII	E7, E9, E1, N3A and N3B Roads and Utilities (36.71km)	1067.80	Megha Engineering & Infrastructure Ltd.
XIII	N8 and N10 Roads and Utilities (30.17km)	1073.23	NCC Ltd.
XIV	E16, N12, N15 and N17 Roads and Utilities (28.69km)	972.95	NCC Ltd.
XV	E03 additional lanes, Utilities and Water Infrastructure (18.27km)	1124.41	





FINANCIAL PLANNING

RS. 58000 CR

REQUIRED TO DEVELOP AMARAVATI AS A WORLD CLASS BLUE - GREEN
CITY

RS. 14200 CR

SANCTIONED BY HUDCO, WORLD BANK, COMMERCIAL BANKS

Financing is very crucial aspect in Project Amaravati, a greenfield capital city of Andhra Pradesh. Financing a greenfield project has its own challenges which are different from developing projects in a brownfield project. For developing a greenfield project, that too developing a city in 217 sq km the foremost challenges are to provide world's best infrastructure both physical and social so as to attract population into the city and to kick-starting the economy.

The infrastructure in Amaravati can be broadly categorised into three (i) Tier-1 trunk infrastructure (ii) Tier-2 LPS layout infrastructure (iii) the Government buildings and other buildings. Developing trunk infrastructure like major arterial road network, water, sewer trunks, seed access road, bridges across the river Krishna, ducts for power and communication cables etc., is major infrastructure for initiating development. Land for Amaravati has been largely pooled by Land Pooling Scheme wherein volunteering farmers have pooled their land. In return, they have been allotted returnable plots for which necessary infrastructure has to be provided as per the APCRDA Act 2014. The development of Amaravati Government Complex in an area of 1350 acres in Government city and Justice city comprising of Government buildings like Assembly, Secretary and HOD buildings, Government housing, Bungalows for the ministers, MLAs, MLCs, Chief Minister's bungalow, Rajbhavan and Judicial buildings like High Court, housing for Judges, other legal institutional buildings etc is of first priority for the Government.

The capex requirement for these developments is upfront and many of these projects are in the nature of urban development and Government buildings are not having their own revenue stream unlike for example toll roads. The revenues for APCRDA will be ramping up over a period of time as the population of the city is growing, economic activity is flourishing. The revenues for CRDA would in the nature of fees for various development promotion approvals, value capturing, revenue shares from various joint developments, land monetization, renting & leasing of commercial spaces etc. Land monetization will be the major source of revenue generation for APCRDA, as the land left out with CRDA after allotment of returnable plots to the LPS farmers will keep appreciating along with the development of infrastructure across the city. A strategic holding and auctioning of land bank into the market would fetch considerable revenue for CRDA over a period. However, the timelines of development of infrastructure and realising the land appreciation are different thereby generating a mismatch between expenditure and income cash flows.

The strategy to raise required finances has mainly been an intermix of both long term and short term lending in addition to the grants to be received from the Governments of India and AP.



LONG TERM LENDING THROUGH MULTI- LATERAL & BI- LATERAL FUNDING

- 7.1.1 World Bank and AIIB are co- financing a \$500 mn tranche for projects like development of major arterial roads, flood mitigation and village infrastructure upgradation along with technical assistance to CRDA. The Bank has successfully completed four missions to APCRDA along with visit to villages of the capital city area where the projects will be implemented.
- 7.1.2 The APCRDA is also pursuing discussions with the Asian Development Bank (ADB) and AIIB for prospective sovereign and non- sovereign funding routes.
- 7.1.3 Five grant proposals for various infrastructure projects have also been submitted to JICA/Japan and awaiting sanction.



SHORT TERM LENDING THROUGH HUDCO AND COMMERCIAL BANKS

- 7.2.1 A loan of Rs.1275 crores from HUDCO was sanctioned on 6th December to fund Tier-1 infrastructure mainly, priority roads projects against asset mortgage and a part has been disbursed. Further tranches would be submitted to HUDCO on need basis.
- 7.2.2 APCRDA has planned to develop Government housing project for the purpose quarters for officers/staff of all hierarchy in Amaravati in project finance mode against asset mortgage and HRA savings to be escrowed. Similarly, Secretariat and HoD buildings also will be taken up on project finance mode.
- 7.2.3 The required financing for LPS layouts is being planned with an intermix of loans from commercial banks on government guarantee, and also on HAM model wherein private equity will be attracted.



GOVT. OF INDIA GRANT

7.3.1 Under the provisions of the AP Reorganisation Act 2014, APCRDA has forwarded DPRs of government buildings including Secretariat, High Court, Legislative Assembly etc. for disbursement of Govt. of India grant. The Government of India has released an amount of Rs 1500 Cr to Government of AP till date and additional Rs 1000 Cr is expected to be released to Government of AP.



VARIOUS DEBT INSTRUMENTS LIKE DOMESTIC AND MASALA BONDS

7.4.1 The credit rating exercise has been taken up for domestic bond issuance and appointment of arrangers for masala bonds is also underway. A request for Govt. guarantee has also been forwarded to the Finance Dept. in this regard.



HYBRID ANNUITY MODEL FOR LPS INFRASTRUCTURE

7.5.1 As part of innovative financing, integrated infrastructure for 5 zones of LPS are being undertaken under Hybrid Annuity Mode partial payment during construction and annuity payments for 10 years. Integrated infrastructure development would be one of the biggest projects to be implemented under HAM in the country.



INTERNAL GENERATION

7.6.1 With trunk infrastructure put in place, land prices are expected to appreciate significantly and hence land monetization will emerge as a strong source of raising funds from Year 5 onwards.

7.6.2 Land monetization will continue to be a key source of funding after Year 5, as the land prices are expected to further increase with a hockey-stick growth pattern, as the critical mass is achieved.



LIST OF PROJECTS WITH ESTIMATED COSTS:

Category	Infrastructure Category	3-year Capex (Rs. Cr.)
Tier – I Trunk Infrastructure	Roads Infrastructure	2,977
	Water & Sewerage	1,166
	EHV line rerouting	500
	Utility Ducts for Power & ICT	950
	Solid Waste Management	166
	Green Works	250
	Flood Management	1,209
Tier II Infrastructure	Village Infra. Upgradation	860
	LPS Infrastructure	14,080
	Startup Area - Tier-2 Infrastructure	313
	Industrial Area - Tier-2 Infrastructure	500
Govt. Complex	Govt. Complex	6,705
	TOTAL	29,676



A World Bank team discussed the progress of developmental projects in Amaravati with Chief Secretary Dinesh Kumar at the Secretariat in Velagapudi on Thursday Nov 9, 2017.



The World Bank delegation met APCRDA Commissioner Dr Sreedhar Cherukuri, Amaravati Development Corporation Chairperson Ms. Lakshmi Parthasarathy, Special Commissioner Mr. V.Rama Manohara Rao and other senior officials.



ECONOMIC DEVELOPMENT

1.5 Million

PROJECTED JOBS OVER 25 YEARS

RS. 1.5 - RS. 2.0 LAKH CR

PROJECTED GDP OVER 25 YEARS

43 NO'S

LAND ALLOTMENTS TO VARIOUS ORGANIZATIONS

RS. 1,24,000 CR

WORTH MOU SIGNED DURING
PARTNERSHIP SUMMIT, VIZAG



BACKGROUND

Amaravati city is envisaged to be a power-house for economic development and job-creation which could attract non-polluting, high-value manufacturing and service industries, creating 20 lakh jobs over 25 years with a GDP contribution of INR 1.5-2 lakh cr. These industries, as priority sectors for the city, can spur the development of the capital city as a vibrant economic hub. Further, proposals were invited from different organizations for investing in Amaravati. In this regard, APCRDA evaluated proposals from various organizations and allocation of land is done based on methods as notified in the Amaravati Land Allotment Rules and Regulations, 2017.



ECONOMIC DEVELOPMENT INITIATIVES UNDER IMPLEMENTATION IN AMARAVATI

Sl. No.	Organisation	Activity	Land allotted (Acres)	Capacity	Investment	Employment	Present Status
1	VIT-AP Charitable Trust	Integrated University	200	50000 students and along with 1000 bedded teaching hospital	3700	8000	Constructed first phase Buildings and classes for engineering Courses are commenced in August 2017.
2	Indo-UK Institute of Health	Healthcare Project	150	1000 bedded hospital and allied components	1000	10000	Payment of land cost for Phase-1 is made by the applicant. Foundation stone is laid by Hon'ble CM, GoAP on 16th August, 2017. UIIH Conducted Topographical survey and Soil investigation at random locations in site. UIIH is preparing documents for approvals to start construction at site.
3	National Institute of Design (NID)	Design Institute	50		108	90	Site finalised & handed over to NID. NID engaged NBCC for construction of buildings.

4	Andhra Pradesh Human resources Development Institute (APHRDI)	HRD Training Institute	25	1500 trainees	50	80	Proposal shifted to Kondapavuluru in Gannavaram Mandal
5	Tirumala Tirupati Devasthanam	Temple	25	N.A	80	120	Government proposed to construct the temple outside capital area at Pavitra Sangamam in Krishna dist.
6	Central Institute of Tool Design (CITD)	Tool Design Institute	5	400 students	20	30	Site identified and informed to the Project Director, CITD.
7	SRM University	Integrated University	200	52000 students along with 750 bedded Teaching hospital	3400	6300	Constructed first phase Buildings and classes for engineering Courses are commenced in August 2017.
8	Amrita University	Integrated University	200	47000 students along with 1500 bedded Hospital	2200	12000	Site identified & handed over. Approvals are under progress.
9	Central Public Works Department (CPWD)	GPOA and GPRA Complexes	28	N.A	1600	5551	Site accepted, payment to be received.
10	Reserve Bank of India (RBI)	State Head quarters	11	N.A	160	426	Site identified and communicated to the allottee for acceptance.
11	BRS Medcity Healthcare & Research Pvt. Ltd.	Healthcare Project	100	1500 bedded hospital and allied institutions	5450	6700	Site identified. Foundation stone was laid by the Hon'ble CM, GoAP on 16th August, 2017. BRS Medicity is preparing documents for approvals to start construction at site.
12	Sub-Divisional Police Office, Thullur & Traffic Police Station	Sub Divisional Police office and traffic Police station	1.5	N.A	40	429	Site possession given.
13	Indian Navy	Boat Rescue training Institute and state office	15	N.A	150	1300	Site identified and communicated to the allottee for acceptance.

14	National Institute of Fashion Technology (NIFT)	Fashion designing Institute	10	N.A	N.A	N.A	G.O. communicated to Textiles Department
15	Kendriya Vidyalaya-1	Central School	5	480 students	16	50	Proposals forwarded to School Education Dept.
16	Kendriya Vidyalaya-2	Central School	5	480 students	16	50	Proposals forwarded to School Education Dept.
17	Bureau of Indian Standards	Office	0.3	25,000 sq.ft	15.0	40	Site identified and communicated to the allottee for acceptance.
18	Department of posts	Office	5.5	N.A	97	300	Site identified and communicated to the allottee for acceptance.
19	National Bio-diversity Museum	Museum	25	N.A	150	250	Site identified and communicated to the allottee for acceptance.
20	Food Corporation of India	Office	1.1	N.A	11	100	Site identified and communicated to the allottee for acceptance.
21	Life Insurance Corporation of India	Office	0.75	N.A	22.0	250	Site identified and communicated to the allottee for acceptance.
22	State Bank of India	Office/ Residential	3.3	N.A	350	600	Site identified and communicated to the allottee for acceptance.
23	Andhra Bank	Office/ Residential	2.65	N.A	100	400	Site identified and communicated to the allottee for acceptance.
24	Bank of India	Office/ Residential	1.5	N.A	14	100	Site identified and communicated to the allottee for acceptance.
25	NABARD	Office/ Residential	4.3	N.A	197	300	Site identified and communicated to the allottee for acceptance.
26	State Archeological Museum	Museum	8	N.A	200	400	Site identified and communicated to the allottee for acceptance.
27	AP State Civil Supplies Corporation Limited	Office	0.4	N.A	4.0		Site accepted Agreement under execution
28	Comptroller & Auditor General of India	Office/ Residential	17	N.A	500	2048	Site identified and communicated to the allottee for acceptance.

29	Rail India Technical Economic Services (RITES)	office	1	N.A	35	200	Site identified and communicated to the allottee for acceptance.
30	Dr. B.R. Ambedkar Smruti vanam	Smruthi vanam	20	N.A	200	50	Site identified and communicated to the allottee for acceptance.
31	State Forensic Science Laboratory	Office	3	N.A	254	80	Site identified and communicated to the allottee for acceptance.
32	New India Assurance Company Ltd.,	Office/ Residential	1.93	N.A	93	935	Site accepted, payment to be received.
33	Hindusthan Petroleum Corporation Ltd.,	Office	0.5	N.A	20	20	Site identified and communicated to the allottee for acceptance.
34	Syndicate Bank	Office	1.3	N.A	65	202	Site identified and communicated to the allottee for acceptance.
35	Andhra Pradesh Non-residential Telugu (APNRT) Society	Office	5	N.A	350	5000	Site accepted, advance possession given.
36	Andhra Pradesh Cooperative Bank Ltd. (APCOB)	Office/ Residential	4	N.A	85	225	Site identified and communicated to the allottee for acceptance.
37	Nandamuri Basavataraka Rama Rao Memorial Cancer Foundation	Hospital	15	1000 bedded cancer hospital	400	800	Site accepted, payment to be received.
38	Xavier School of Management	Education	50	2000 students	250	400	Site accepted, payment after site survey.
39	LV Prasad Eye Institute	Quarternary care Hospital	12	3,00,000 patients per year	250	200	Site identified and communicated to the allottee for acceptance.
40	Gopichand Badminton Academy	Badminton Academy	12	600 students, 500 players	41	80	Site accepted, payment received.
41	Brahmakumaris Society	Spiritual Center	10	1000	220	80	Site accepted, payment to be received.

42	MICE Hub	Convention center and other entertainment activities	42	10000 seated convention center along with allied amenities	1220	2000	RFQ's received from 4 competitive bidders, which are under scrutiny
43	3-Star Hotels -4	Hotels	1 for each	100 keys each	240	200	Tendering under process
44	4-Star Hotels -1	Hotels	2	150 keys	120	100	Tendering under process
45	5-Star Hotels -1	Hotels	4	200 keys	200	150	Tendering under process
46	International and National Schools	Schools	3 to 8 acres each	8000 students	400	1000	8 international and national schools have submitted proposals. Authority recommended the proposals to Government for approval.

8.3 PARTNERSHIP SUMMIT 2017:

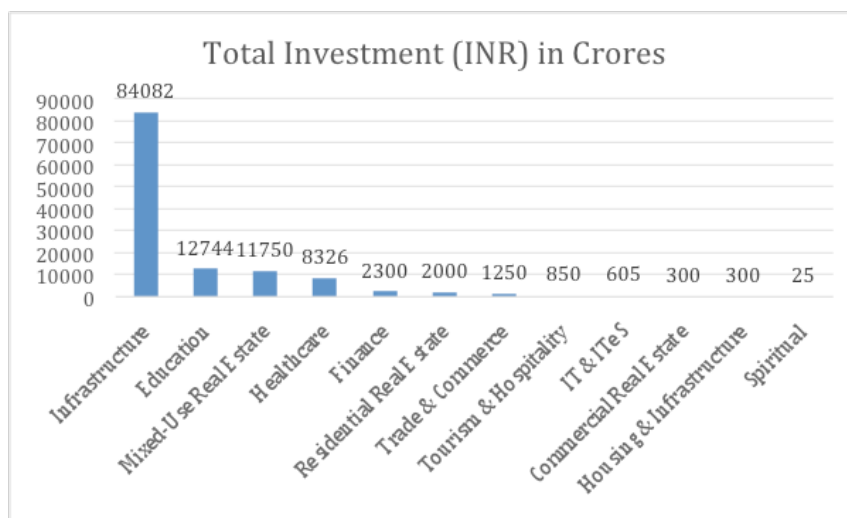
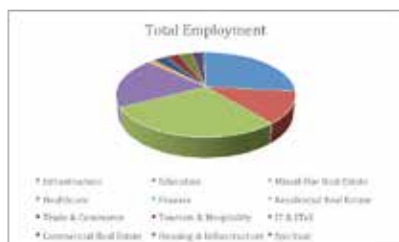
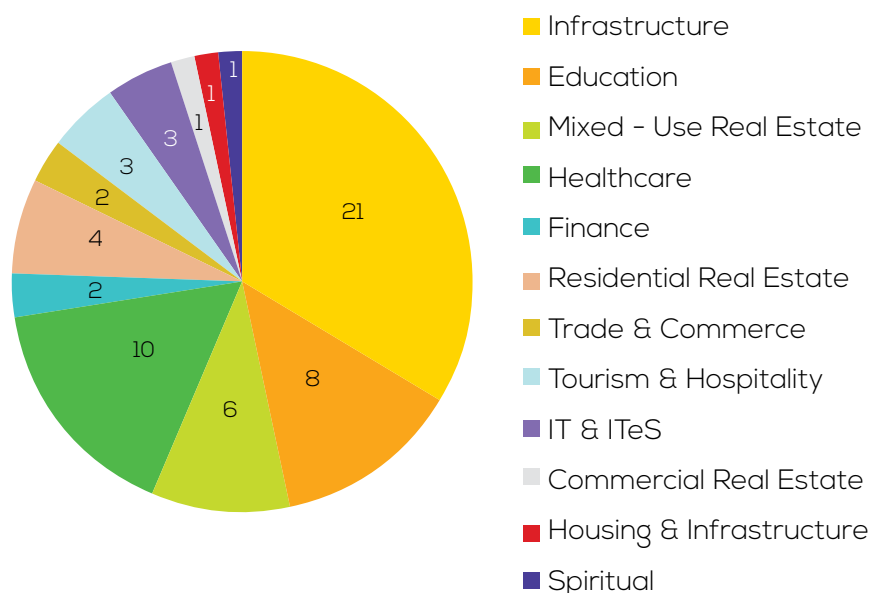
During 23rd Partnership Summit and 2nd AP Investment meet 2017 held at Visakhapatnam on 27th and 28th January 2017, APCRDA has signed a total of 62 MoUs with a total investment of Rs. 1.24 Lakh Crore and a potential job creation of about 2.00 Lakh. The summary of the MoUs signed are as below:

S. No	Sector	No.of MoUs Signed	Total Investment (INR) in Crores	Total Employment
1	Infrastructure	21	84082	53685
2	Education	8	12744	24765
3	Mixed-Use Real Estate	6	11750	57050
4	Healthcare	10	8326	39200
5	Finance	2	2300	0
6	Residential Real Estate	4	2000	2800
7	Trade & Commerce	2	1250	6000
8	Tourism & Hospitality	3	850	5900
9	IT & ITeS	3	605	5600
10	Commercial Real Estate	1	300	5000
11	Housing & Infrastructure	1	300	1200
12	Spiritual	1	25	100
	Grand Total	62	124532	201300

Hon'ble Chief Minister Shri N. Chandrababu Naidu laid the foundation stone for Kings College Hospital by Indo U.K. Institute of Health at a programme in Vijayawada.

The health medicity will be constructed in 150 acres of the Errapalem village, Mangalagiri Mandal in the Guntur district of Andhra Pradesh with an estimated cost of Rs. 1000 crore. As part of the first phase, the Kings College Hospital, London will construct a 1000-bed hospital, nursing school, paramedics training center in 50 acres. Union Minister of State for Health and Family Welfare Anupriya Patel, Lord Robert Kerslake, Chairman, Kings College Hospital, London, Andrew Mitchell, Member of Parliament, United Kingdom, Ajay Rajan Gupta, MD and CEO, Indo UK Institute of Health Medicity Projects. public representatives and senior officials took part in the event.

No.of MoUs Signed



SRM UNIVERSITY, AMARAVTI CAMPUS





FOUNDATION STONE FOR INDO U.K. INSTITUTE OF HEALTH

The health medicity will be constructed in 150 acres of the Errapalem village, Mangalagiri Mandal in the Guntur district of Andhra Pradesh with an estimated cost of Rs. 1000 crore. As part of the first phase, the Kings College Hospital, London will construct a 1000-bed hospital, nursing school, paramedics training center in 50 acres. Union Minister of State for Health and Family Welfare Anupriya Patel, Lord Robert Kerslake, Chairman, Kings College Hospital, London, Andrew Mitchell, Member of Parliament, United Kingdom, Ajay Rajan Gupta, MD and CEO, Indo UK Institute of Health Medicity Projects. public representatives and senior officials took part in the event.

FOUNDATION STONE FOR BRS MEDICITY



AMARAVATI SMART CITY PROJECT

The Capital City of Andhra Pradesh “Amaravati” has been selected as a Smart City in round 3 and stood 4th out of 30 selected cities by the Smart Cities Mission under the smart cities challenge by Ministry of Housing and Urban Affairs, Government of India.



Honourable UDM Sri. M. Venkaiah Naidu announces the list of Cities selected during Round 3 of the Smart Cities Challenge

As per the Smart Cities Mission Guidelines, it is learnt that an SPV (Special Purpose Vehicle) has to be formed as prerequisite for Amaravati Smart City to plan, apprise, approve, release funds, implement, manage, operate, monitor and evaluate the Smart City Development Projects. The SPV has to be constituted as a Public Limited Company under Companies Act 2013 and will be promoted by the State Government (GoAP) and the APCRDA (in lieu of ULB) jointly each having 50 : 50 equity share holding. In this Regard, the Government, a G.O. has been issued on the same by the Government vide the G.O. Ms. No.355 MAGUD (CRDA.2) Dated: 06.10.2017.

The Amaravati Smart & Sustainable City Corporation Ltd (ASSCCL) has been constituted with Commissioner APCRDA as MD and CEO. First meeting of the board was held on 29.11.2017.

As part of the smart city proposal, multiple smart components were identified for development with emphasis on –

- 1) Micro-climate management – several measures are planned to be undertaken to ensure the micro-climate conditions within the precinct remain multiple degrees cooler. This will include interventions in the urban form and streets, sprinkler systems and a state-of-the-art weather radar system to monitor on a continual basis.
- 2) Urban mobility – given the comfortable weather, aesthetics and other conditions that would prevail in the precinct, public transportation and Non-motorized transport infrastructure has been prioritized. 120 cycles under a public bike sharing system, 50 electric buses, pedestrian walkways, smart multi-level car parking and Smart street facilities have been identified for development.
- 3) Blue-Green – in line with the Blue-green vision of the Capital city, the people's precinct would encompass a 250 acre park, bio-retention ponds, 5km of canal front and 1km of river front.
- 4) Activity centers – various activity centers have been identified for development within the People's precinct, in line with making it an inclusive space for citizens and tourists to visit. This includes a crafts bazaar, two city square with abundant retail spaces to attract and provide Retail and entertainment facilities to the public.
- 5) Smart utilities – smart street lighting, CCTVs, Smart drinking water facilities, underground dustbins, Model public health centers, bio-toilets and digital hoarding boards have been proposed to improve the quality of living in the precinct.
- 6) Improved governance – an app that will help people with way finding, provide updates on events will be set up to ensure vibrant events are promoted in the area, turning into a tourist hub. An intelligent command and control center is also proposed.

The above developments will ensure that the people's precinct – area adjacent to the Government Complex – is developed as vibrant spaces that the public can spend on retail, entertainment, dining among other activities. As per the directions of the Hon'ble Chief Minister, the Amaravati Government Complex would not be one that is active only during the day, but one that is active 24 /7. The Smart City Proposal strongly augments measures in this direction.

Supported by meticulous planning, the components of the area based proposal of the Smart city proposal are such that they can be replicated across the city. There are ample public spaces available in Amaravati, and once the proof of physical and financial sustainability is demonstrated through the People's precinct, the same can be replicated across all similar developments in Amaravati.





FOREIGN COLLABORATIONS

PROGRESS ON SINGAPORE ASSOCIATION



FIRST MOU SIGNED BETWEEN GOVT. OF AP AND GOVT. OF SINGAPORE

On Dec 8th December 2014, an MoU was signed with Govt. of Singapore, wherein, Govt. of Singapore has agreed to the following:

1. To Support in the preparation of three Masterplans at three scales – the region, the capital city as well as the SEED area
2. Capacity building and Institutional support through a training programme called "Andhra Pradesh Leaders of Urban Governance"
3. Cooperation towards the development of the SEED Area of Amaravati

10.1.1 AP LEADERS IN URBAN GOVERNANCE PROGRAMME

Over 20 officials from the Government of AP participated in the AP Leaders in Urban Governance Programme organized by Centre for Liveable Cities, Singapore between 19 – 24 January 2015. An in-depth study of the systems in Singapore, and how they could be replicated in Amaravati, and how the road-map towards developing the Capital City was worked out. The delegates included the Principal Secretary (CRDA), Commissioner (APCRDA) and other officials, and multiple discussions on the topics including Governance, Planning, Transportation, Housing, Economic Development, Land, Environment and Utilities.

10.1.2 EXPERTISE IN CITY PLANNING BY CLC, SINGAPORE

Over multiple interactions in-person and through VCs, the Centre for Liveable Cities participated in multiple meetings with APCRDA officials towards meeting the goals towards creating a Liveable city. These interactions ensured that the steps undertaken by APCRDA and related entities in development of various Masterplans and designs were in-tune with the overall Masterplan that was drawn with Singapore expertise.

10.1.3 SWISS CHALLENGE FOR DEVELOPMENT OF SEED STARTUP AREA

1. Singapore Consortium has given OPP proposal (Original project Proponent) to develop 6.84 Sq Km of Startup area in Amaravati.
2. Ascendas- Singbridge is a group owned by the Government of Singapore through their Ministry of Finance and Ministry of Trade and Industry.
3. Sembcorp Development Ltd is Co-owned by Government of Singapore through Ministry of Finance with other institutional investors.
4. The Singapore Consortium was engaged as the developers for the 6.84 sq.km. SEED Start-up area of Amaravati Capital city through International Competitive Bidding under Swiss Challenge approach.
5. The Letter of Award was given to the Ascendas-Singbridge and Sembcorp on 15.05.2017.

10.1.4 BRIEF OF THE PROJECT:

1. Singapore Consortium will form a project SPV by name Amaravati Development Partner (ADP) with Amaravati Development Corporation (ADC)

2. ADP will develop an Area of 1691 Acres, in 15 years in three phases of each about 5 years.

Phase I: 656 acres

Phase II: 514 acres

Phase III: 521 acres

3. Estimated Economic Benefits of project in 15 years

Growth in resident population: 1,25,000 families

Jobs expected to be created: 2,50,000

Cumulative Contribution to the GSDP: 1,15,000 Cr

Revenue to Government due to taxes: 8,000 Cr to 10,000 Cr.



2ND MOU BETWEEN ANDHRA PRADESH AND SINGAPORE 15TH MAY 2017

1. Areas of Cooperation under this 2nd MOU are:

1. Master development of the Start-Up Area in Amaravati
2. Enhancing capacities of GoAP departments
3. Promotion of bilateral trade and investment,

2. Implementation of MoU

1. High Level Joint Implementation Steering Committee ('JISC') for leadership and direction to co-chaired by Chief Minister, GoAP and Minister for Trade & Industry, MTI, GoS
2. Joint Implementation Working Committee ('JIWC') for implementation with senior officials from both GoAP & GoS



PROGRESS ON VARIOUS ASPECTS OF THE RELATIONSHIP

10.3.1 START-UP AREA DEVELOPMENT

10.3.1.1 SIGNING OF CADA

The Draft Concession and Development Agreement (CADA) for development of Start-Up area in Amaravati is finalized after mutual discussions between APCRDA and Singapore Consortium. The draft CADA is submitted to government for approval.

10.3.1.2 VISIT BY TECHNICAL TEAMS

A hand-shake meeting was organized between 11 members of the Singapore consortium and members of APCRDA and ADC, during 05.06.2017 and 07.06.2017. The discussions were primarily around the infrastructure that is being planned in the Capital city, the land availability and flood management plans.

10.3.1.3 VISITS ON INVESTOR PROMOTION

The first round of discussion with Sembcorp-Ascendas marketing and investment promotion team took place on 10.07.2017. The team also visited to the Secretariat Building and other key developments in the start-up area as part of site visits.

The Second visit of the marketing and investment promotion team to Amaravati took place on 22.08.17. The team majorly shared their views and discussed on Singapore's experience in investment promotion, covering principles, pipeline management framework, setting up key results indicators, industrial development approach and incentives designs which can be adopted for development of Amaravati.

10.3.1.4 PHASE Z.RO

Phase Z.Ro is Singapore Consortium's initial development in an area of 2.6 ha (7 acres) in Amaravati. Phase Z.Ro would showcase SC's capabilities and smart technologies as an interim 1st level development of ~ 15 years, while Phase 1A of the start-up area is under process of development.

10.3.1.5 DEEP-DIVE WORKSHOPS BY CENTRE FOR LIVEABLE CITIES

Centre for Liveable Cities organized multiple "Deep-dive" workshops with relevant officials of the Government of Andhra Pradesh, to ensure the best standards and practices are followed for the construction of Amaravati. The following are the various deep-dive workshops that were hosted –

Dates	Topics	Agencies
17 – 20 Jul, 2017	- Urban Design	APCRDA
	- Master-planning	ADC
	- Transport	
	- Development Promotion	
	- Water Infrastructure	
10 – 13th Oct, 2017	- Housing	A P T I D C O
	- Building Control	APCRDA
	- Pre-casting Solutions	
24 – 26th Sept , 2017	- Power	APTRANSCO ADC APCRDA
Upcoming	- Solid Waste Management Urban Design	(to be decided)

During these deep-dive workshops, the CLC experts in the respective fields deliberated various aspects of the Infrastructure plans that have been drafted by the Consultants and the Government agencies, and provide expert advice on issues and any changes that have to be incorporated in the best interests of the project. A summary of the key issues that were brought up are placed in the Joint Implementation Steering Committee.



CLC officials with APCRDA and ADC officials during the deep-dive workshop

Urban Asset and Infrastructure Management System (UAIMS)

1. On 15th September 2017, APCRDA and Singapore Cooperation Enterprise (SCE) signed a contract for the adoption of an Urban Asset and Infrastructure Management System. Surbana Jurong will be implementing the system for APCRDA, after signing a back to back contract with SCE.



Contract signing between APCRDA and Singapore Cooperation Enterprise

Farmer's First – visit by Farmers to Singapore

1. APO is supporting CRDA to organise a 4-day visit by 123 farmers/landowners of Amaravati to Singapore. The objective is to let the farmers/landowners see first-hand how their reconstituted plots can be developed for commercial and residential purposes.

2. The first visit of 34 farmers/landowners was held from 31 Oct to 4 Nov, 2017. Places visited include the URA City Gallery, a typical HDB housing estate and its integrated facilities (transport, markets, clinics, etc), naturalised canals, and a low-rise housing estate such as Serangoon Gardens. Various Singapore government agencies are supporting these visits, coordinated by APO.
3. Before the second visit scheduled for 28 Nov to 1 Dec, learning points from the first visit were incorporated into the programme.



Farmer delegation at Singapore

10.3.2 INVESTMENT PROMOTION

10.3.2.1 SETTING UP AMARAVATI PARTNERSHIP OFFICE (APO)

- a. Singapore's Amaravati Partnership Office (APO) Economic Development team has been working closely with officers from APEDB and APCRDA to:
 - i. identify sectors across Andhra Pradesh, gaps in their respective ecosystems, how Singapore and Singapore businesses can complement in the growth of these sectors and
 - ii. identify projects in the areas of urban solution, where Singapore companies can contribute towards building a green and sustainable Amaravati.
- b. AP EDB has assigned officers to work with Singapore APO on this development.

10.3.2.2 TRADE DELEGATIONS

IE, Singapore on multiple occasions have been instrumental in connecting key investors from Singapore to Amaravati. A few of these investors include TerraFirma, a product that helps stiffen soil and earthworks; SP Power on their district cooling systems for Amaravati Government Complex; companies related to electric cars, to name a few.

10.3.2.3 ASIA SINGAPORE INFRASTRUCTURE ROUNDTABLE

The Asia-Singapore Infrastructure Roundtable is a premier platform for dialogue between government leaders, policy makers, investors and infrastructure companies on Asian infrastructure projects. Organized by IE Singapore, the seventh run since its inauguration, it has attracted more than 1100 industry practitioners, with over US \$6 billion worth of projects discussed. Given the prominence of the Amaravati project in the urban development in Asia, a team consisting of the following represented AP and Amaravati in the same:

1. Ajay Jain, Principal Secretary, AP Energy, Infrastructure & Investment Department
2. Rama Manohara Rao, Special Commissioner, AP Capital Region Development Authority
3. S Shan Mohan, Additional Commissioner, AP Capital Region Development Authority
4. Krishna Kishore, CEO, AP Economic Development Board
5. V. Ramnath, Executive Vice Chairman, AP Township & Infrastructure Development Limited

During the ASIR, key meetings were held between the GoAP delegates and the Government of Singapore as well as potential investors and partners. Amaravati Partnership Office (APO), together with IE Singapore, organized a breakout session to explore opportunities in Andhra Pradesh. Almost 40 companies from sectors ranging from construction to smart city solution providers to advisory services attended the session.



GoAP delegates with the Amaravati Partnership Office at Singapore, during the ASIR

10.3.4 JOINT IMPLEMENTATION STEERING COMMITTEE (JISC)

The first JISC co-chaired by Hon'ble Chief Minister Sri. Nara Chandrababu Naidu and Hon'ble Minister, Trade and Industry Sri. Iswaran was held on 15.05.2017

The second JISC held on 17.11.2017 at A.P. Secretariat, Velagapudi chaired by Hon'ble Minister, Trade and Industry Sri. Iswaran, Govt. of Singapore.

10.3.5 JOINT IMPLEMENTATION WORKING COMMITTEE (JIWC)

Three JIWC meetings were held, on the following dates:

1. 1st JIWC on 15.06.2017
2. 2nd JIWC on 17.08.2017
3. 3rd JIWC on 10.10.2017

3rd Joint Implementation Working Committee (JIWC)

The discussions of the three JIWC are summarized below.

10.3.6 SETTING UP AN AMARAVATI PLANNING, DESIGN & RESEARCH INSTITUTE

- a. The institute is primarily set up to tackle the following challenges:
 - a. Capacity building for the city, and for the state
 - b. Provide long-term supervision on ensuring Masterplan principles
 - c. Collaborate and continuously innovate
 - d. Ensure multi-stakeholder collaboration
- b. After undertaking programmes and evaluating the results arising, the Institute would recommend for wider-scale implementation and policy support for the State.
- c. The APDRI would accordingly be empowered under the provisions of the APCRDA Act 2014 to seek, coordinate and direct Government agencies on plans and schemes that are implemented by the Institute, with the cognizance of the Government and Authority.

10.3.7 WORKFORCE SKILLS EDUCATION

A suitable location for the Entrepreneurship Centre on the outskirts of Guntur city has been found, and the National Skills Development Corporation (NSDC) of India is advising on funding/loan arrangements. Singapore's Institute of Technical Education Education Services (ITEES) and Temasek Polytechnic are providing curriculum, train-the-trainer, Quality Assurance and other expertise.

10.3.8 ENHANCING PUBLIC LIBRARIES

Singapore's Cybrarian Ventures Pte Ltd (CVPL), a commercial arm of the National Library Board has been meeting with AP Libraries Department to share best practices and also learn about the unique requirements of AP in the area of Public Libraries. The Hyderabad State Library was visited to understand what is needed by the new AP State Library, which will be set up in Amaravati.

10.3.9 "29 VILLAGES PROJECT" BY URBAN SKETCHERS

To document the unique buildings in Amaravati, two teams of Urban Sketchers from Singapore will spend a week each to sketch the 29 villages. They will be joined by Urban Sketchers from India, and work will begin to establish an Urban Sketchers chapter in AP.

10.3.10 AP-SINGAPORE BUSINESS COUNCIL

APO is working together with the Singapore Business Federation (SBF) and CII

South Chapter to explore the formation of a AP-Singapore Business Council. The Business Council would promote private sector linkages and collaboration between Singapore and AP businesses across all sectors.

10.3.11 JOINT ECONOMIC ACTION PLAN

For a start, three sectors have been identified for further exploration into the areas of collaboration:

1. Logistics & Connectivity
2. Agro & Food Processing
3. Tourism

10.3.12 VIJAYAWADA – SINGAPORE AIR CONNECTIVITY

Since the Letter-of-Award Ceremony and the first Joint Implementation Steering Committee (JISC) meeting in May 2017, there have been three session of Joint Implementation Working Committee (JIWC) meetings in Andhra Pradesh (AP). The VGA-SIN air connectivity work stream was established during the first JIWC meeting between the Government of Singapore (GoS) and the Government of Andhra Pradesh (GoAP) on 16 June 2017. Both sides agreed that air connectivity namely, a direct flight service between VGA-SIN, was a key shared objective that would help raise commercial confidence and facilitate visits by potential international investors and high-level political leaders to AP.



PROGRESS ON JAPAN ASSOCIATION

Memorandum of Cooperation (MoC) was signed between the Government of AP and the Ministry of Economy, Trade and Industry of Japan on 22nd October 2015, By Hon'ble CM of AP and Hon'ble Minister for METI Mr Yosuki Takagi.

The MoC agreed on the following:

1. Development of Capital City
 - a. Priority sector for Capital City identified as "Transportation infrastructure", to be taken up by JICA
 - b. Other priority sectors mentioned in MoC for Capital city– Industrial townships, Intelligent Transport systems, Comprehensive Energy Management system (CEMS)
2. An AP Investment Task force (APIT) was set up to follow-up on the above-mentioned projects from both sides
3. METI signed the MOC on behalf of various Japan Government bodies, including:
 - a. Ministry of Agriculture, Forestry and Fisheries (MAFF)
 - b. Ministry of Land, Infrastructure, Transport and Tourism (MLIT)
 - c. Japan Bank for International Cooperation (JBIC)
 - d. Japan External Trade Organization (JETRO)
 - e. Japan International Cooperation Agency (JICA)
 - f. New Energy and Industrial Technology Development Organization (NEDO)

10.4.1 MEMORANDUM OF UNDERSTANDING (MOU) SIGNED BETWEEN JBIC AND DEPARTMENT OF FINANCE, AP

1. MoU signed on 22nd October 2015, on the occasion of the Foundation stone laying ceremony of Amaravati.
2. MoU signed for exchange of information for development of Capital city and Region, around the following:
 - a. Framework for development of Capital Region
 - b. Status of development (Masterplans, status of financing, etc)
 - c. Individual infrastructure projects planned, for interest of Japanese companies
 - d. Status of potential investments planned by Japanese companies
 - e. Other area as mutually agreed

10.4.2 TECHNICAL ASSISTANCE STUDIES BY JICA

1. Comprehensive Traffic and Transportation Study for Capital Region
 - a. JICA is preparing Comprehensive Smart Traffic and Transportation Study (CTTS) for the Amaravati Capital Region
 - b. The study is for a duration of 23 months and the Terms of Reference are detailed below:
 - i. Action plans for traffic transportation issues of 12 Urban Local Bodies (ULBs) in AP Capital Region
 - ii. Development of urban transport planning model (four step model) for the AP Capital Region
 - iii. Development of long-term transport policies and strategies
 - iv. Short term & long-term transport development plan
 - v. Training and knowledge transfer
 - vi. Support for public consultation process

2. ICT Masterplan for Capital city

A pre-feasibility study on the preparation of the ICT Masterplan for the Capital city has been commissioned by METI, as on 10th October 2017. A team consisting of officials from Mitsubishi Research Institute have undertaken multiple visits to Amaravati. The team would present its final report by March 2018. The study looks at the various aspects of the ICT landscape from hardware to software for effective governance of the Capital city.

10.4.3 GoAP – Japan Joint Conference was held on 12th July 2017, wherein a MoU was signed to explore the areas of cooperation between GoAP and Japan as identified.

Areas of Cooperation identified with Japan:

1. Infrastructure for development of Amaravati
 - a. The METI Japan nominated companies have conducted studies on technologies to be deployed in Amaravati
 - b. The following are the results of the studies:
 - i. Data Centre & Cloud Computing Infrastructure
The Internet Initiative of Japan (IIJ Company) proposed state-of-the-art modular data centers with high efficiency and low energy consumption.
 - ii. Weather radar systems

Presented by Toshiba, which included a comprehensive strategy to tackle disaster management in the capital city.

iii. Water supply systems

To ensure every household get high quality clean potable water, Kobelco presented a Water treatment solution

iv. Sewerage Treatment systems

A Sewerage treatment plant with advanced energy saving technology was presented.

v. Traffic Control System

Nippon Signal proposed a state-of-the-art Traffic signal system that would de-congest Vijayawada signals given its multiple road network and constraints.

- c. A proposal to undertake several of the above projects through a Grant-in-aid by JICA is currently under consideration by the Government of India.

2. Electronic city masterplan:

Using JICA funding to promote and create a PPP-friendly environment for various companies, including Japanese organizations to participate in the development of the Capital city. These include Infrastructure works such as Water / Sewer, Power, ICT as well as larger area development projects such as a Transit-oriented Development hub. The funds would be utilized towards investment promotion and establishment of Institutional framework such as regulators in place

3. Sport city masterplan:

Drawing on the expertise of the Ministry of Land Infrastructure and Transportation, in designing Tokyo for Olympics 2020, Amaravati would continue to have discussions on developing the Sports city on similar lines.



PROGRESS ON AUSTRALIA ASSOCIATION

10.5.1.1 The States of Western Australia and Andhra Pradesh established a Sister-State Agreement in December 2016 to develop further business, education and cultural links between the two States.

10.5.1.2 MoU on establishing a Water Sensitive Cities Partnership between Andhra Pradesh Department of Municipal Administration & Urban Development and Capital Region Development Authority and CRC for Water Sensitive Cities, signed on 11th December 2017.

Through the Australia-Andhra Pradesh Economic Cooperation Working Group process, Australia and Andhra Pradesh have identified water cooperation as a priority agenda item.

Key Andhra Pradesh(AP) partners:

- AP Department of Municipal Administration and Urban Development (APDMAUD)
- AP Capital Region Development Authority (APCRDA)
- AP Urban Infrastructure and Asset Management Ltd (APUIAML)

Key Australian partners:

- Cooperative Research Centre for Water Sensitive Cities (CRCWSC)

Details of the MoU are as below:

1. In the first instance, over the initial 12 months, the Partnership will focus on a technical assistance project to establish the vision and principles for better water management in Andhra Pradesh, with two key components:
 - a. build Australia's world-leading water sensitivity practice into the development of Amaravati; and
 - b. a pilot project to demonstrate how alternative approaches to drainage infrastructure can be retrofitted in the existing city of Vijayawada to seed a transformation to more sustainable urban water management.
2. The CRCWSC will be the facilitating organisation for the Australian Water Partnership in engaging with key departmental and agencies in Andhra Pradesh. Key milestone activities include the following:
 - a. The CRCWSC will facilitate a common agreement on key water management outcomes amongst the different stakeholders who manage and influence the delivery of urban water services in AP

using Vijayawada and Amaravati as reference cities. These services include water supply, sanitation (i.e. underground drainage systems) and stormwater drainage.

- b. Working with the APCRDA, apply water sensitive principles in the design and development of Amaravati by facilitating a water sensitive cities design charrette. This charrette will identify innovation opportunities to incorporate the water sensitive principles in the design of key green infrastructure and water management elements in the public realm of the Government Precinct and the constructed waterway within Amaravati.
 - c. Work with the relevant Andhra Pradesh authorities including the Municipal Administration and Urban Development Department and the Municipality of Vijayawada to put the water sensitive principles into practice through a number of demonstrations of green infrastructure retrofits in Vijayawada by leveraging opportunities in the planned drainage capital works program.
3. The Andhra Pradesh Municipal Administration and Urban Development Department and Andhra Pradesh Capital Region Development Authority will support the ongoing research and development of water sensitive technology and practices in Indian cities, including:
- a. Focusing on the design of the new capital Amaravati, the APCRDA will foster collaboration between its internationally and nationally renowned design consultants with the CRCWSC in establishing a learning platform for the effective translation and adaptation of CRCWSC research outputs to practice innovations.
 - b. The Andhra Pradesh Municipal Administration and Urban Development Department will facilitate the adaptation and retrofitting of water sensitive approaches to stormwater management in existing Indian cities.
4. The budget for the first project of the Partnership is estimated to be approximately A\$1 million or approximately Rs. 500 Lakh, split equally between Australian Partners and AP Partners. The activities under the Partnership agreement will continue for an initial period of 1 year.



Australia-AP Economic Cooperation Working Group, Australia and AP identified water cooperation as a priority agenda item. Mr Tony Wong, CEO of the CRCWSC- Australia, Mr. Sean Kelly, Australian Consul-General to South India and his team met the APCRDA Commissioner, Dr. Sreedhar Cherukuri and presented their plan for building Amaravati as a world class 'water sensitive capital city



PROGRESS ON UK ASSOCIATION

Key achievements in the relationship between UK and Andhra Pradesh, in chronological order:

1. The Prime Minister of Britain, Mr. David Cameron announced on 12th Nov 2015 that UK would enter into a 5-year partnership to develop the cities of Amaravati, Indore and Pune.
2. Hon'ble CM released "Investment Opportunities for UK investors in Amaravati – the 21st Century Capital" on 11th-12th March 2016, prepared by Pricewaterhouse Coopers (PwC). Hon'ble Chief Minister along with Commissioner, APCRDA met with various investors in UK during the visit on 11th-12th March 2016.
3. CRDA organized a Smart City Leadership Programme with support of UK Government by British Standards Institute on 15th -16th February 2017, for the purpose of building capacity to Government of AP officials.
4. Commissioner APCRDA visited London to take part in Water Summit, and have discussions with Transport for London (TfL), Thames Water as well as the London Stock Exchange during 21st-23rd February 2017.
5. Govt. of UK through Deputy High Commission and DFID submits final report for various studies undertaken in March 2017:
 1. Urban transport strategy
 2. Water and Sewerage
 3. Financing
 4. Climate change.
5. APCRDA entered into a 3-year MoU with the British Geological Survey to establish Amaravati as an Asian Hub of Excellence for Urban geoscience. The MoU was signed in the presence of the Hon'ble Chief Minister on 9th August 2017.
6. Hon'ble CM lays the foundation stone on 16th August 2017 for Indo-UK institute of Health in Amaravati, developed in collaboration with King's College Hospital.
7. Contract signed with Foster + Partners on 23rd August 2017 for the Comprehensive Architectural designs for the Head of Departments and Secretariat buildings.

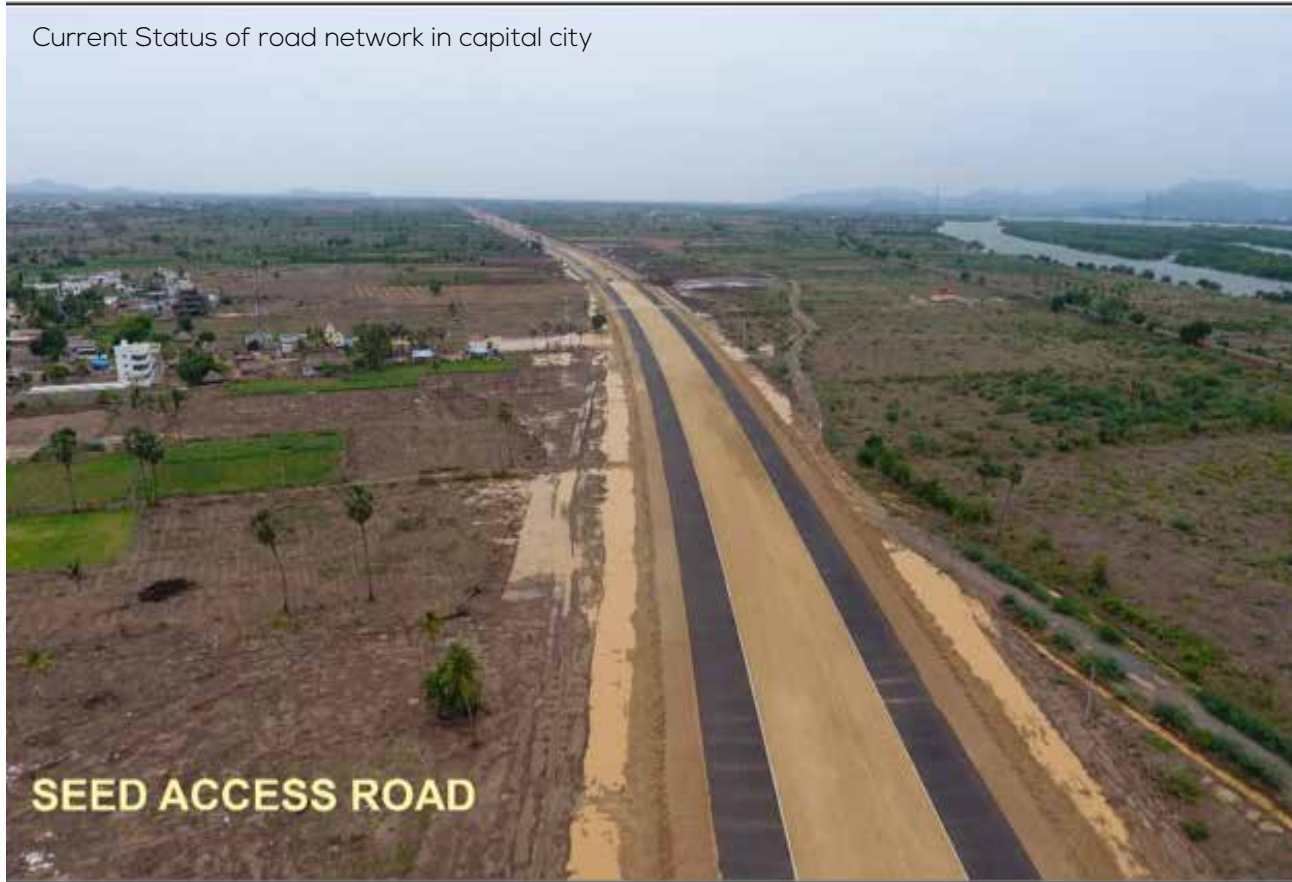
8. DFID UK organized a 2-day workshop on 12th - 13th October 2017 on Capacity building and review of the LPS Neighbourhood designs with APCRDA officials and consultants by Arup, UK.
9. The UK-India partnership focuses on five closely linked areas, ease of doing business, finance, skills, energy and urban. In the urban sector, the UK aims to work with cities to attract investment; improve governance; make cities green and climate resilient and provide smart solutions for the provision of services like transport, water and energy.

Overall, a quick snapshot of projects supported by the UK in Amaravati city is shown below:

Sl. No.	Name of the Project	Delivery Partner	Status
1	Raising finance for Amaravati city from London Stock Exchange A roadmap including a feasibility study on raising masala bonds at London Stock Exchange, and the financing structure of APCRDA was studied.	PwC	Completed
2	Transport solutions for Amaravati The possible Transportation solutions that can be adopted by APCRDA, and global best practices were provided.	PwC	Completed
3	Capacity building on water and wastewater management Review of the Water and Sewerage plan of Amaravati, packaging and PPP options for promotion in UK.	E&Y	Completed
4	Smart City Leadership capacity building Workshop on Leadership models for the city, building a "Smart city" and City standards	British Standards Institute	Completed
5	Climate Risk Profiling of Amaravati Climate risk modelling based on Global models, and estimating changes in Infrastructure standards for Amaravati	Tyndall Centre, UEA, Mott Macdonald, CEEW	Completed
6	Climate smart specifications for city digital infrastructure procurement Specifications for Communication infrastructure in Coastal cities of AP to be disaster-resilient	ARUP	Completed
7	Strengthen Amaravati's urban designing and planning guidelines Review of Urban Design in Land Pooling Scheme, and effectively managing contracts for implementation	ARUP	Completed
8	Smart city standards and urban innovation laboratory Setting up City standards and an Urban Innovation Lab	British Standards Institute	Commenced
9	Sub-surface analysis of Amaravati city Technology and best practices to model and establish Amaravati as a hub of Urban Geoscience in Asia	British Geological Survey	3 - y e a r partnership; Ongoing

PHOTO GALLERY

Current Status of road network in capital city



ARTERIAL ROAD WORK IN PROGRESS N 9



ARTERIAL ROAD WORK IN PROGRESS (E8)



ARTERIAL ROAD WORK IN PROGRESS N9



ARTERIAL ROAD WORK IN PROGRESS N9



ARTERIAL ROAD WORK IN PROGRESS E14



ARTERIAL ROAD WORK IN PROGRESS N16





Universities in Amaravati



SRM University Buildings





VIT University Buildings

Rayapudi R&R colony for seed access road effected persons



TRANSIT GOVT. COMPLEX BUILDINGS



ASSEMBLY BUILDINGS



GREEN WORKS IN AMARAVATI



Greenery in transit govt. Complex





Greenery in
Thullur tank
front





Greenery development in foundation stone area





Greenery along the Mandadam to TGC road
with Avenue plantation





A Japanese delegation headed by former CEO of Goldman Sachs Mr Yasuyo Yamazaki who also served as Shadow Minister in Japan visited APCRDA

A seminar on Stainless steel for water service pipeline, treatment and storage was held at APCRDA



Mr. Seth Peavey, Political and Economic Officer, Consulate General of the United States of America visited APCRDA and had discussions on the Amaravati Capital City Development.



Shri Ajay Jain, Principal Secretary, Dr Sreedhar Cherukuri Commissioner and Sr officials of APCRDA visited Amaravati capital region and inspected the Government Housing Complex, Rehabilitation colony and LPS Infra works on Friday December 1, 2017. The officials also took stock of the works on in the MLAs and AIS Officers housing project in Package 1 near Rayapudi, the development works at Rehabilitation layout for the Rayapudi road effected people, the NGOs housing in Package 2 at Nelapadu and the Package 3 housing project for Gazzetted officers and class 4 staff near Nelapadu. Earlier Mr Ajay Jain also visited and inspected the Thulluru Zone-2 LPS layout.



Sri P Narayana, Municipal Administration Minister & Vice Chairman APCRDA reviewed the progress of the various works undertaken in the Amaravati capital region, on Monday November 27, 2017. Sri Ajay Jain, Principal Secretary to Govt., MA & UD (CRDA), Dr Sreedhar Cherukuri, Commissioner, APCRDA and other senior officials participated in the review meeting



APCRDA Commissioner Dr Sreedhar Cherukuri, Special Commissioner Sri. V.Rama Manohara Rao, Sri. S Shan Mohan on Friday, visited Mandadam Sub Registrar's office to focus on the speedy registration process of the farmers' plots, who gave their land as part of the Land Pooling System in Amaravati Capital Region.



Dr. Sreedhar Cherukuri, Commissioner, APCRDA reviewed the Amaravati capital farmers' plot registration process with deputy collectors in Amaravati capital region on Thursday November 16, 2017.



The beautification and developmental activities at Ramavarapadu junction were inspected by Dr. Sreedhar Cherukuri, APCRDA Commissioner on Monday November 13, 2017. He gave suggestions on the ongoing installation of the water fountain and the greenery around the place and urged the officials incharged to complete the traffic island and canal beautification works in time.



An Open Forum for building and other related approvals will held at APCRDA office on every Friday



A workshop to train facilitators of Project Information Centres, coming up in the Amaravati Capital region, was held on Friday Nov 3, 2017. The centres will disseminate information to those affected by the World Bank sponsored Amaravati Development Projects. Mr. V. Ram Manohar Rao, Special Commissioner explained the guidelines, importance of the Project Information Centres to the facilitators.

APCRDA arranged a bus for the first batch of 34 farmers to take them to International Airport at Shamshabad to fly to Singapore on Monday night.

The 4 day trip is aimed at the farmers to experience the development of Singapore in 40 years and learn the best practices in business and entrepreneurship. APCRDA officials have made elaborate arrangements for the stay and local tour of Singapore for the farmers.



Hon'ble chief minister Shri N Chandrababu Naidu flagged off Singapore tour of first batch of Amaravati farmers on Monday October 30, 2017.



APCRDA and Singapore Cooperation Enterprise (SCE) signed a MOU for SCE's support in urban planning, management and asset management. Signing the MoU, Dr Sreedhar Cherukuri, Commissioner APCRDA hoped that it would serve as a benchmark for similar projects in other cities.



Deputy Chief Minister of Bihar Mr Sushil Kumar Modi met APCRDA Commissioner Dr Sreedhar Cherukuri on Monday Sept 11, 2017. Mr. Modi was all praise for the first of its kind Land Pooling Scheme (LPS) for building the Amaravati Capital. He was informed about the series of meetings held to sensitise people about LPS and farmers voluntarily coming forward to give their land for the construction of Amaravati. Later, Mr Modi also visited the Interim Government complex, transit Assembly building, VIT - AP Campus



A workshop on Zinc Smart infrastructure for smart cities was held on Friday Sept 8, 2017 in association with International Zinc Association (IZA). The workshop was attended by officials, engineers, architects, planners, consultants of APCRDA and ADC from urban services, infrastructure, planning, housing and building, procurement departments.

Rahul Sharma, Director, IZA, Dr. AS Khanna, Professor IIT Mumbai, Dr Pugazhenthay, Executive Director at India Lead Zinc Development Association (ILZDA), Payal

Chauhan, Marketing Development Associate Manager, Hindustan Zinc also participated. The workshop spread awareness about the need for galvanisation and use of zinc coating on Iron for avoiding rust.



On the concluding day of the Green Building Rating Workshop engineers were provided awareness on building an energy efficient Amaravati Capital City. The 2-day workshop was conducted in association with Confederation of Indian Industry (CII) and Indian Green Building Council (IGBC).

Sustainable cities, water conservation, energy efficiency, building material resources, indoor environment quality, IGBC green cities, special ventilation, air quality, low emitting material, green building design, green rating systems, IGBC professional exam and other aspects were explained in the workshop.



Mr. S Shan Mohan, Additional Commissioner, APCRDA addressed the concluding session and gave away certificates to all the participants.



Senior Officials of APCRDA held Public Consultation workshops on the safeguard documents in Venkatapalem and Neerukonda on August 30, 2017. The documents included Draft Environment and Social Management Framework, Draft Resettlement Policy Framework, Social Impact Assessment -Resettlement Action Plan for 10 Sub-Arterial Roads, Social Impact Assessment -Resettlement Action Plan for Flood Management Work and Environment Assessment and Environment Management Plan for 10 Sub - Arterial Roads.



Representatives of Bochasanwasi Akshar Purushottam Swaminarayan Sanstha (BAPS) met Dr Sreedhar Cherukuri, Commissioner, APCRDA and sought land to be allotted in Amaravati to build a temple akin to that of Akshardham in New Delhi.

The BAPS representatives explained about the activities of their organisation, which include a number of spiritual programmes. Commissioner Dr Sreedhar asked the temple representatives to submit a detailed proposal for the same.



A delegation of the Israeli Embassy, led by First Secretary and Political Affairs Advisor Adva Vilchinski, met APCRDA Special Commissioner Mr. V. Rama Manohara Rao and other officials on Wednesday. Ms. Vilchinski said Israel was keen on extending cooperation in the planning and implementation of the proposed non-motorised transport system and water conservation projects in Amaravati, and lauded the Andhra Pradesh government for pooling land on a massive scale for construction of the capital city.



A Workshop on Secretariat and HODs building construction was held on August 22, 2017. Representatives of master architects Norman Foster+ Partners along with local collaborative architect Genesis, held extensive consultations with 98 representatives of HOD's of 31 departments about building for Secretariat and HODs in Amaravati Government Complex.

On basis of feedback given to General Administration Department, Mr, S Shan Mohan, Additional Commissioner, APCRDA discussed

about each department's requirement for chambers, number of floors and their floor plans in detail. An initial draft design of 30 lakh square feet will be drawn by the architects on basis of these discussions.

Mr Praveen Prakash, Resident Commissioner of Andhra Pradesh Bhavan in New Delhi met APCRDA Commissioner Dr Sreedhar Cherukuri and other officials on Friday.



He described the pooling of 30,000-plus acres of land for the construction of capital city Amaravati as a historic achievement and appreciated the fact that the people were being taken into confidence in all important decisions taken by the State with regard to the development of Amaravati.

Dr Sreedhar said the kind of progress that the CRDA achieved in drawing up the master plans and land pooling did not take place in modern capital cities like Naya Raipur and Gandhinagar.

A delegation of the Finance Ministry of Switzerland led by Deputy Ministers Marcus Treiber and Bruno Sato met the officials of APCRDA on Friday as part of their tour of A.P., which is aimed at strengthening financial relations.

The Swiss team held discussions with Mr. V. Rama Manohara Rao, Special Commissioner, APCRDA, who explained the salient features of the master plan of Amaravati and the Land Pooling Scheme (LPS).



APCRDA entered into an agreement with the British Geological Survey (BGS) for a survey to be done in Amaravati along with Hanoi, Kuala Lumpur and other cities as part of the Asian Research and Innovation Hub for Urban Geo-Science project. The MoU was signed in the presence of the Hon'ble Chief Minister on Wednesday August 9, 2017.

A Workshop on the advances in urban engineering and construction automation was held at the APCRDA office on Saturday.



A team of experts led by Spyros Tsoukantas of the National Technical University of Athens and Sreevalsa Kolathayar of the Amrita University gave presentations on seismic designs for resilient pre-cast constructions, cities that could withstand disasters, high-rise office buildings, robotic shuttering technology, automatic concrete structure double wall, affordable housing and other topics. Senior officials of APCRDA attended the Workshop.



Waterman of India Dr. Rajendra Singh held detailed discussions in the backdrop of his Krishna River Conservation Yatra, with Commissioner Dr. Sreedhar Cherukuri at office of APCRDA.



Officials of the Engineering Dept discussed at length about the nature of soil and land in the new capital city Amaravati and what sort of foundation technology needs to be adopted for construction activities at a Workshop organised at APCRDA office on Saturday July 29, 2017.

Representatives of Kellar India explained about various foundation technologies used in different countries and different parts of India. The experts underlined the need for taking necessary precautions while constructing the foundation and said the type of soil plays an important role,



hence it should not be overlooked. Various aspects pertaining to vibrating technology and chemical technology for utilizing in the foundation were also discussed. Senior officials of APCRDA attended the workshop.



In a meeting with the Amaravati capital Village Committee Members Dr. Sreedhar Cherukuri, Commissioner, APCRDA told that creation of infrastructure in LPS (Land Pooling Scheme) layouts has reached the tendering stage and that works in Zone 1, for which bids were already invited, would tentatively commence on September 11, 2017. Funds had been mobilised for providing the LPS infrastructure at an estimated cost of ₹18,800 crore in a total of 12 LPS zones, he said in a meeting on LPS infra on Friday. The LPS infrastructure would be fully developed in about three years from now and the maintenance responsibility for seven years was being vested with the contractors with effect from the completion of the construction of the infrastructure. A presentation on central command system, smart infrastructure plan, road network and underground ducts, drinking water supply, waste-to-energy plants and other facilities was given to the Village Committee Members by senior officials of the APCRDA.

Government employees' unions were apprised of the houses to be constructed in Amaravati across the categories, from VIP housing to quarters for Class-IV employees, would be of the best quality and have all facilities set amidst green locales.

In a meeting held on Friday July 28th, Dr Sreedhar Cherukuri, Commissioner, APCRDA informed the Employees' Union members that plans were drawn up for the construction of residences/quarters for MLAs, MLCs, IAS officers, gazetted and non-gazetted officers and Class-IV employees and consultations were under way with all the stakeholders.



Of the 1,350 acres for which the master plan had been drafted, 600 acres would have greenery and a big park was being developed at Sakhamuru in about 250 acres that would serve as the lung-spaces.

IPS Officers' Association Secretary N. Madhusudan Reddy, APSRTC Vice-Chairman and Managing Director M. Malakondaiah, AP-NGO's Association President P. Ashok Babu and Secretariat Employees' Association President U. Murali Krishna were among those present.



The four-day workshop on 'Integrated Study on Masterplan for Capital City of Amaravati' concluded on July 20, 2017. The panel of experts from Centre for Liveable Cities – Singapore shared their expertise extensively on water supply, waste water, flood water, storm water management, infrastructure and transportation. Strategy for optimal use of modern technology to get maximum returns from minimal use of land, critical in-depth planning for Masterplan & Infra Masterplan were also discussed.

The panel would deal with issues of solid waste management, power and I.T. in an upcoming workshop. Respective heads and officials of concerned departments of APCRDA, representatives of RV Associates, CH2M, Amaravati Development Corporation (ADC) and Centre for Livable Cities (CLS), Singapore participated in the Workshop.



Foster + Partners along with Dr Sreedhar Cherukuri, Commissioner, APCRDA and representative of architecture firm Hafeez Contractor gave a presentation on the AP High Court building designs to Mr. Ramesh Ranganathan, acting Chief Justice, AP and Telangana High Court, in Hyderabad.

Justice Ranganathan expressed satisfaction over the designs and suggested the teams to visit the High Court Benches in Madurai and Ahmedabad to replicate some of their designs



Hon'ble Chief Minister Shri Nara Chandrababu Naidu launched the 'Mana Amaravati' App on Wednesday June 28, 2017. The Mana Amaravati App gives the owners of allotted plots in the capital region, a chance to extend the reach to the investors in any part of the world and get a better deal for the sale, lease or joint development of the plots.



Shri. M. Malakonadaiah, Vice Chairman & Managing Director, APSRTC discussed the Amaravati Capital City urban area traffic and transport plans with Dr Sreedhar Cherukuri, Commissioner, APCRDA on Thursday June 22, 2017. Shri. Malakonadaiah apprised the commissioner of RTC's requirements for the site for City Integrated Bus Terminal, bus depots and terminal, through a PowerPoint presentation.





Sri P. Narayana, Minister Municipal Administration and Urban Development visited Naya Raipur, capital of Chhattisgarh on Monday June 12, 2017 along with Dr. Sreedhar Cherukuri, Commissioner, APCRDA. They met Shri. Rajesh Munat, Minister for Housing and discussed the best practices and process adapted by the Chhattisgarh govt in the construction of Naya Raipur and the state Secretariat. The Minister and CRDA Commissioner also visited the construction site. During their discussions, the Chhattisgarh minister complimented the Andhra Pradesh chief minister Shri. Nara Chandrababu Naidu for the successful implementation of the unique Land Pooling Scheme under which 33,000 Acres of Land was pooled for the construction of AMARAVATI - The People's Capital of Andhra Pradesh



A team from Transportation Research Laboratory (TRL) visited APCRDA office along with representative from British High Commission (BHC) to exchange ideas and discuss experience in handling of urban transport research projects worldwide and their suitability to adopt the similar projects in Amaravati.

TRL is a UK based company with capabilities in road safety and highways asset management with decades of experience in Transport Innovation, Management and Safety around the world.

Transportation and planning officials from APCRDA and officials from ADC participated in the meeting and shared their experiences with presentation on status regarding ongoing works in Amaravati.



A team of 28 trainee officers of the Haryana Civil Services (HCS), as part of Mini Bharat Darshan tour, met the officials of APCRDA on Friday July 21, 2017. The trainee officers led by Mr. G. Prasanna, IAS (Retd.), Director General, Haryana Institute of Public Administration, were explained about the Amaravati capital city master plan and land pooling system through a PowerPoint presentation by the senior officials of APCRDA. Videos relating to the capital city were also exhibited. HCS official team course director Marvin Kaur was also present.

A delegation of the Israeli Embassy, led by First Secretary and Political Affairs Advisor Adva Vilchinski, met APCRDA Special Commissioner Mr. V. Rama Manohara Rao and other officials on Wednesday. Ms. Vilchinski said Israel was keen on extending cooperation in the planning and implementation of the proposed non-motorised transport system and water conservation projects in Amaravati, and lauded the Andhra Pradesh government for pooling land on a massive scale for construction of the capital city.



To understand the significance of introducing Japanese technologies and products, a team from AP is visiting each infrastructure in operation in Japan so that proposed infrastructure which Japanese companies excel in are introduced in Amaravati, the new capital of Andhra Pradesh.

The 9-day visit from November 20 - 29, 2017 will also studying the IT management, disaster prevention system, infrastructure, road management, water supply, sewerage system.

The team has visited Water treatment plant at Agamasaki city visit, Diniki Sewarage Treatment Plant at Kochi City, Ano Water Purification plant at Kitakyushu city and Nippon Signal factory at Saitama. They also met His excellency Mr. Daisy ke HIRAKI, Parliamentary Vice Minister of Economy, Trade, and Industry, discussed about mutual Cooperation in the field of Smart city, Disaster management, Traffic Management, Water Treatment and waste water treatment technologies.

Mr Nivas Janardhanan, Commissioner Municipal Corporation of Vijayawada, Mr S. Shan Mohan, Additional Commissioner, APCRDA and Ms Sravani Kurakula, Asst. Commissioner of Police are part of the 7-member team



Senior officials of APCRDA held progress review meeting with Traffic and Transportation experts from Japan, United Kingdom as part of Comprehensive Traffic and Transportation Study (CTTS) for the Capital Region of Amaravati. The study is undertaken to prepare immediate action plan; short, medium, long term transportation plan for the region.



ANNEXURES



ONE TIME AGRICULTURE LOAN WAIVER OF UP TO ONE LAKH FIFTY THOUSAND RUPEES PER FAMILY TO FARMERS AS PER PRESCRIBED PROCEDURE OF GOVERNMENT. VILLAGE WISE ABSTRACT DETAILS ARE GIVEN BELOW

Thullur Village wise abstracts Amounts in Lakhs

District Name	Mandal Code	Mandal Name	Village Code	Village Name	No of eligible accounts	Amount Adjusted
Guntur	10	Thullur	710000	Thullur	2149	942.21
Guntur	10	Thullur	710003	Ananthavaram	1190	527.67
Guntur	10	Thullur	710004	Nekkallu	839	356.27
Guntur	10	Thullur	710006	Tullur	13	6.86
Guntur	10	Thullur	710007	Pitchikalapalem	356	190.62
Guntur	10	Thullur	710008	Dondapadu	272	109.62
Guntur	10	Thullur	710009	Borupalem	277	112.21
Guntur	10	Thullur	710010	Abbarajupalem	418	190.2
Guntur	10	Thullur	710011	Rayapudi	1108	461.43
Guntur	10	Thullur	710012	Kondama rajupalem	330	152.82
Guntur	10	Thullur	710013	Nelapada	674	304.37
Guntur	10	Thullur	710014	Sakhamuru	919	395.52
Guntur	10	Thullur	710015	Ainavolu	521	274.01
Guntur	10	Thullur	710016	Velagapudi	780	388.84
Guntur	10	Thullur	710017	Lingayapalem	341	171.61
Guntur	10	Thullur	710018	Uddanda rayuni palem	350	171.49
Guntur	10	Thullur	710019	Malkapuram	230	101.95
Guntur	10	Thullur	710020	Mandadam	1599	719.45
Guntur	10	Thullur	710021	Venkata palem	585	271.59
Guntur	11	Thadepalle	711000	Thadepalle	133	49.02
Guntur	11	Thadepalle	711001	Penumaka	1542	533.21
Guntur	11	Thadepalle	711002	Undavalli	518	182.72
Guntur	11	Thadepalle	711003	Tadepalli	373	136.19
Guntur	12	Mangalagiri	712001	Kuragallu	1235	557.93
Guntur	12	Mangalagiri	712002	Krishnayapalem	493	226.14
Guntur	12	Mangalagiri	712003	Nowlur	1649	695.54
Guntur	12	Mangalagiri	712006	Nidamaruru	815	406.66
					37	15.76
Total					19709	8651.91



AMARAVATI LANDLESS POOR PENSIONS

S. No.	Annexure- I For Amaravati Land	Less Poor Pensions - Aug - 2017	
	Name of the Competent Authority	No. of Pensioners	Amount (in Rs)
1	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 01; KRISHNAYAPALEM	328	820000
2	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 02; BETHAPUDI	546	1365000
3	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 02; NOWLUR	2174	5435000
4	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 03; YERRABALEM	2286	5715000
5	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 04; KURAGALLU	497	1242500
6	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 05; NEERUKONDA	271	677500
7	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 06; NIDAMARRU-1	1138	2845000
8	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 08; UNDAVALLI	1801	4502500
9	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 09; PENUMAKA	1660	4150000
10	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 11; ABBARAJUPALEM	125	312500
11	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 11; BORUPALEM	341	852500
12	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 12; DONDAPADU	484	1210000
13	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 13; INAVOLU	394	985000
14	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 15; RAYAPUDI-2	924	2310000
15	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 16; LINGAYAPALEM	392	980000
16	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 16; MALKAPURAM	344	860000
17	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 16; UDDANDARAYUNIPALEM	324	810000
18	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 17; NEKKALLU	364	910000
19	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 18; NELAPADU	267	667500
20	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 19; SEKHAMURU	250	625000
21	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 21; THULLUR-2	1837	4592500
22	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 22; VELAGAPUDI	649	1622500
23	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 23; VENKATAPALEM	850	2125000
24	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 25; MANDADAM-2	1615	4037500
25	M/S COMPETENT AUTHORITY AND SPL DY COLLECTOR UNIT - 26; ANANTHAVARAM	785	1962500
	Total :	20646	51615000



APSSDC&APCRDA STARTED THE FOLLOWING SKILL DEVELOPMENT PROGRAMS IN 2015- 2017.

SKILL DEVELOPMENT TRAINING & PLACEMENTS DETAILS

S.No	Training Partner Name	Course/S	Duration	Training Imparted			Placement completed
				M	F	Total	
1	APSSDC	IT_Java	4Months	54	35	89	58
2	St. Jhon's Welfare	Jute Bags	45 Days	0	143	143	143
3	SIMS	Automation	2 Months	30	0	30	1
4	ASV & QXY	Electrical	1 Month	30	0	30	3
5	Stardigm	BCBF	2 Months	15	28	43	0
6	L&T	Electrical	1 Month	6	0	6	2
7	ADS Softech	Logistics	2 Months	12	20	32	32
8	APSSDC	Land Surveyour-I	4 Months	20	4	24	20
9	Dhatri Foundation	Herbal Making	45 Days	0	40	40	45
10	Dhatri Foundation	Maggam Work	45 Days	0	40	40	43
11	Involute	Electrical	1 Month	5	0	5	1
12	Involute	Mechanical	1 Month	6	0	6	1
13	KDLOA	LMV Driving I	21 Days	20	0	20	20
14	APSSDC	English Employability skills	2 Months	9	24	33	1
15	Centum Skills	Beautician I	2 Months	0	30	30	28
16	Centum Skills	Beautician II	2 Months	0	32	32	-
17	Centum Skills	Mobile technician	2 Months	18	0	18	18
18	Gram Tarang	2Wheeler Technician	2 Months	14	0	14	14
19	Gram Tarang	AC Technician	2 Months	19	0	19	19
20	KDLOA	LMV Driving II	21 Days	27	0	27	27
21	SDC	Land surveyour II	4 Months	21	4	25	25
22	Synchroserve Global Ltd	Accountancy I	2 Months	9	21	30	20
23	Synchro Serve	AccountancyII	2 Months	15	16	31	14
24	COWE	Tailoring-I	2 Months	0	24	24	-
25	COWE	Tailoring -II	2 Months	0	24	24	-
26	REWEA	Tailoring-I	2 Months	0	25	25	-
27	REWEA	Tailoring -II	2 Months	0	25	25	-
28	REWEA	Tailoring-I	2 Months	0	25	25	-
29	REWEA	Tailoring -II	2 Months	0	25	25	-
30	REWEA	Tailoring-I	2 Months	0	25	25	-
31	REWEA	Tailoring -II	2 Months	0	25	25	-
32	Soniagandhi VO	Tailoring-I	2 Months	0	25	25	-
33	Soniagandhi VO	Tailoring -II	2 Months	0	25	25	-
34	COWE	Tailoring-I	2 Months	0	25	25	-
35	COWE	Tailoring -II	2 Months	0	25	25	-
36	AP Urban Greening & Beautification	Gardener	1 Month	13	13	26	7
Grand Total				343	748	1091	542
Direct Placements & Jobmelas							844
Grand Total							1386



NTR CANTEENS AMARAVATI ABSTRACT REPORT (AS ON 11-12-2017)

NTR CANTEEN AMARAVATI

Village Name	Breakfast Served		Lunch Served		Total Served	
	Day	Cumulative	Day	Cumulative	Day	Cumulative
Thullur	190	50178	120	42423	310	92601
Velagapudi	95	74348	175	111848	270	186196
IGC NTR Canteen	0	19174	0	30817	0	49991
Total	285	143700	295	580	580	328788



HEALTH CAMP DETAILS

MEGA HEALTH CAMP'S ABSTRACT REPORT

S.NO	PHASE	DATE	PLACE	OP	REFERRAL
1	1st PHASE MEGALHEALTH CAMP	25.02.2016	THULLURU	643	46
		28.02.2016	MANDADAM	479	51
		06.03.2016	NIDAMARRU	521	24
2	2nd PHASE MEGA HEALTH CAMP	04.11.2016	THULLURU	879	184
3	3rd PHASE MEGA HEALTH CAMP	21.04.2017	THULLURU	384	44
		29.04.2017	MANDADAM	591	54
		06-05.2017	PENUMAKA	514	65
GRAND TOTAL				4011	468

MEGA HEALTH CAMPS ATTENDED PATIENTS ABSTRACT

S.No	Village Name	No.Of Patients
1	Abbarajapalem	49
2	Ananthavaram	188
3	Bethapudi	208
4	Borupalem	55
5	Dondapadu	88
6	Inavolu	83
7	Kuragallu	119
8	Lingayapalem	45
9	M L Palem	4
10	Malkapuram	104
11	Mandadam	173
12	Modugulingayapalem	14
13	Neerukonda	96
14	Nekkallu	119

S.No	Village Name	No.Of Patients
15	Nelapadu	77
16	Nidamaruru	321
17	Nowlur	250
18	Penumaka	386
19	Rayapudi	104
20	Shakamuru	82
21	Thallayapalem	47
22	Thullur	522
23	U.D Palem	38
24	Undavalli	306
25	Velagapudi	113
26	Venkatapalem	193
27	Yarrabalem	225
Grand Total		4007

AMARAVATI FREE HEALTH

Village Wise Treated Patients & Amount Abstract Report

S.No	Name of the Village	Patients	Amount
1	Abbarajupalem	6	85000
2	Ainavolu	13	285790
3	Ananthavaram	42	440470
4	Borupalem	8	30000
5	Dondapadu	15	222134
6	Krishnayapalem	24	292726
7	Kuragallu	51	635177
8	Lingayapalem	20	146150
9	Malkapuram	18	201420
10	Mandadam	88	981471
11	Nekkallu	24	297504
12	Nelapada	09	89280
13	Nidamaruru	32	2242306
14	Nowlur	194	1631098
15	Penumaka	54	900799
16	Rayapudi	58	761032
17	Sakhamuru	12	115500
18	Tullur	87	1028128
19	Uddanda Rayuni Palem	10	50000
20	Undavalli	86	1547747
21	Velagapudi	33	586952
22	Venkata Palem	22	236600
23	Yerrabalem	15	123793
Grand Total		927	1,17,05,628.00



AMARAVATI-LANDLESS POOR PENSIONS DETAILS (AS ON 11/12/2017)

2017-Amaravati-Landless Poor Pensions Details (11/12/2017 11:45 AM)

S.No	Mandal Name	Village Name	September	October	November
1	Mangalagiri	Krishnayapalem	328(₹ 820000)	329(₹ 822500)	330(₹ 825000)
2	Mangalagiri	Bethapudi	546(₹ 1365000)	548(₹ 1370000)	548(₹ 1370000)
3	Mangalagiri	Nowlur	2174(₹ 5435000)	2198(₹ 5495000)	2215(₹ 5537500)
4	Mangalagiri	Yerrabalem	2286(₹ 5715000)	2287(₹ 5717500)	2287(₹ 5717500)
5	Mangalagiri	Kuragallu	497(₹ 1242500)	497(₹ 1242500)	497(₹ 1242500)
6	Mangalagiri	Neerukonda	271(₹ 677500)	272(₹ 680000)	273(₹ 682500)
7	Mangalagiri	Nidamaruru-1	1138(₹ 2845000)	1143(₹ 2857500)	1154(₹ 2885000)
8	Tadepalli	Undavalli	1801(₹ 4502500)	1846(₹ 4615000)	1832(₹ 4580000)
9	Tadepalli	Penumaka	1660(₹ 4150000)	1689(₹ 4222500)	1714(₹ 4285000)
10	Thullur	Abbarajupalem	125(₹ 625000)	124(₹ 620000)	123(₹ 615000)
11	Thullur	Borupalem	341(₹ 1705000)	341(₹ 1705000)	338(₹ 1690000)
12	Thullur	Dondapadu	484(₹ 2420000)	484(₹ 2420000)	481(₹ 2405000)
13	Thullur	Inavolu	394(₹ 985000)	393(₹ 982500)	393(₹ 982500)
14	Thullur	Rayapudi-2	924(₹ 4620000)	923(₹ 4615000)	924(₹ 4620000)
15	Thullur	Lingayapalem	392(₹ 1960000)	394(₹ 1970000)	396(₹ 1980000)
16	Thullur	Uddandarayunipalem	324(₹ 1620000)	320(₹ 1600000)	321(₹ 1605000)
17	Thullur	Malkapuram	344(₹ 860000)	343(₹ 857500)	345(₹ 862500)
18	Thullur	Nekkallu	364(₹ 910000)	364(₹ 910000)	365(₹ 912500)
19	Thullur	Nelapadu	267(₹ 667500)	267(₹ 667500)	267(₹ 667500)
20	Thullur	Sekhamuru	250(₹ 625000)	250(₹ 625000)	249(₹ 622500)
21	Thullur	Thullur-2	1837(₹ 4592500)	1847(₹ 4617500)	1868(₹ 4670000)
22	Thullur	Velagapudi	649(₹ 1622500)	651(₹ 1627500)	652(₹ 1630000)
23	Thullur	Venkatapalem	850(₹ 2125000)	849(₹ 2122500)	851(₹ 2127500)
24	Thullur	Mandadam-2	1615(₹ 4037500)	1608(₹ 4020000)	1610(₹ 4025000)
25	Thullur	Ananthavaram	785(₹ 1962500)	794(₹ 1985000)	791(₹ 1977500)
Total			20646(₹ 58090000)	20761(₹ 58367500)	20824(₹ 58517500)

Note: Number in cell represents –number of farmers (total amount)



UNIT WISE LPS STATUS

UnitID	UNITNAME	9.3		9.4		Annuity		
		Farmers	Extent	Farmers	Extent	1ST YEAR	2ND YEAR	3RD YEAE
UNIT-01	Krishnayapalem	1023	1412.6547	938	1377.5847	52933584.02	54985592.69	59279007.61
UNIT-02	Nowlur-1	1932	1249.3935	1782	1209.0694	84749317.57	72518303.69	77731169.5
UNIT-03	Nowlur-2	2455	1575.363	1980	1394.6199	81133742.84	84727023.25	91620815.72
UNIT-04	Kuragallu	1782	1497.944	1555	1332.7135	57871445	46074941.39	52345740.6
UNIT-05	Neerukonda	1335	1454.6937	1329	1442.0237	52187129	49624771.9	54651085.2
UNIT-06	Nidamaruru-1	1511	1037.2178	1374	973.2353	40169743.15	32694640.69	34293446.2
UNIT-07	Nidamaruru-2	1453	1013.9822	1321	918.6143	40360429.08	31741006.75	33099820.75
UNIT-08	Undavalli	589	358.8062	419	298.0261	19980272.32	18174463.52	20029234
UNIT-09	Penumaka	1349	1142.5626	1084	1017.7982	55638379.84	55346199.42	61563637.56
UNIT-11	Abbarajupalem	659	729.2225	659	729.2225	47979385	31253663.49	33973885
UNIT-11	Borupalem	417	383.9547	414	377.5747	24961811	15613905	17564470
UNIT-12	Dondapadu	275	263.355	244	236.16	7678286	7791484.5	8963010
UNIT-12	Pitchakalapalem	602	820.36	577	792.4286	24630775	26076144.4	29165468.8
UNIT-13	Inavolu	1092	1054.53	1087	1052.77	36901603.67	36132561.92	39065040
UNIT-14	Rayapudi-1	1427	1397.3396	1276	1250.5766	84313501.44	63608176.5	69343230
UNIT-15	Kondamarajupalem	676	820.169	656	777.9265	33786638	31566710.6	34995632.6
UNIT-15	Rayapudi-2	724	618.572	709	612.3995	27809730	25087359	28108234
UNIT-16	Lingayapalem	701	991.8656	599	900.0106	46313655	33201476	55012044
UNIT-16	Uddandarayunipalem	409	460.26	374	439.67	23143800	21712560	24380250
UNIT-16A	Malkapuram	374	448.8572	357	432.51	13855428.34	3734747.5	14865026.32
UNIT-17	Nekkallu	1118	1246.205	1065	1183.8017	38490222	23253945	43986691.8
UNIT-18	Nelapadu	1023	1317.9175	1006	1295.18	39507147	37299886.5	46663284
UNIT-19	Sekhamuru	1591	1515.2709	1580	1500.1009	51049963.85	54204839.55	57460430
UNIT-20	Thullur-1	1325	1418.395	1273	1370.64	45781328.01	48676912.4	52998966.01
UNIT-21	Thullur-2	1538	1780.6875	1480	1735.11	54830921	59878928.65	65275650.4
UNIT-22	Velagapudi	1445	1826.316	1376	1744.126	62974122.25	66475050.07	70346617.21
UNIT-23	Venkatapalem	1274	1393.3571	1222	1364.0971	64821910.02	61118611.48	66432786.13
UNIT-24	Mandadam-1	1094	1614.2928	1057	1569.5925	84871287.33	65899352.49	97495350
UNIT-25	Mandadam-2	1536	1902.215	1522	1886.675	61080915.5	36138110.85	62294514
UNIT-26	Ananthavaram	1593	2025.075	1573	1996.315	65028900	67034875.13	74539230

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- 1 Sri. Sri Ajay Jain, I.A.S, Principal Secretary
- 2 Dr. Sreedhar Cherukuri I.A.S., Commissioner, APCRDA
- 3 Smt. D Lakshmi Pardhasaradhi I.A.S (R), CMD, ADC
- 4 Sri. V. Rama Manohara Rao I.R.A.S., Special. Commissioner, APCRDA
- 5 Sri. S. Shan Mohan, I.A.S., Addl. Commissioner CCP, APCRDA
- 6 Smt. Kritika Shukla, IAS, JC & Ex- Officio Addl.Commissioner
- 7 Sri. B. L. Chennakesava Rao, Director - Lands (Capital City)
- 8 Sri. R. Ramakrishna Rao, Director (Planning)
- 9 Smt. Naga Sundari K , Director (Development Promotion ,i/c)
- 10 Sr. N.S. Satya Sai Baba, Director, Information Systems
- 11 Sri. K. Paleswara Rao, Director (Accounts)
- 12 Sri M.A.Shukoor, Director -(Housing and Building)
- 13 Sri. K. Rajendra Prasad, CE, (USI)
- 14 Sri. T. Anjaneyulu, CE (Procurement and Infra - I)
- 15 Sri. T. Moses Kumar, CE, ADC
- 16 Sri. J.S.R.K.Sastry, Director (Strategy)
- 17 Sri. A. Sreenivasulu, Additional Director (Landscape & Environment)
- 18 Sri. Ch. Mohana Rao, Joint Director (Estates)
- 19 Sri. V. Srinivasa Rao, Joint Director (OM)
- 20 Sri. Y. Nagi Reddy, Joint Director (Economic Development)
- 21 Sri. S. Sreenivasa Jeevan, Joint Director (Communications)
- 22 Sri. R. Krishna Kapardhi Joint Director, CCDP, Smart City Projects & Strategies
- 23 Dr. V. Ganesh Babu, Head, (Infra. Planning & Design), ADC
- 24 Sri. N.V.R.K. Prasad, Principal Planner, (Infra)
- 25 Smt. Vijaya Lakshmi Sanga, Joint Director - Capital City
- 26 Sri. N.R. Aravind, Principal Planner (Traffic & Transportation)
- 27 Smt. Suluri Sharmada Joint Director (HR)
- 28 Sri. M. Ravi, Manager (Legal)
- 29 Dr. Srinivas Nadipalli, Statistician, APCRDA
- 30 Sri. Gummadi Phani Kumar, AEE, APCRDA
- 31 Smt. D. Krishna Gayatri, Community Mobilizer, APCRDA
- 32 Sri. Sidharth Ganesh, EA to Commissioner, APCRDA
- 33 Sri. Kamlakar Rao, EA to Commissioner, APCRDA
- 34 Ms. V.Sowmya, EA to Commissioner, APCRDA

I ♥ AMARAVATI



Andhra Pradesh Capital Region Development Authority

Lenin Center, Governorpet, Vijayawada 520 002, Andhra Pradesh, India
www.crda.ap.gov.in | <https://amaravati.gov.in>

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