

**Tamil Nadu Urban Infrastructure Financial Services Limited**

City Corporate Plan cum Business Plan for  
Nagapattinam Municipality

Final Report - Annexures

**April 2008**



**ICRA Management Consulting Services Limited**

## Annexure I Scope of Work

### **Background:**

As a financial intermediary, TNUIFSL intends to assist Chidambaram, Nagapattinam, Tiruvarur, Pudukottai and Pattukottai municipalities in strengthening and improving its financial position for effective capital investment management and urban service delivery. These towns are having a good potential for immediate implementation of such financial reforms for which it is essential to formulate a City Corporate Cum Business Plan. Moreover, these municipalities have on their own defined their vision and identified certain projects to be implemented, for which pre-feasibility studies are to be carried out and a sustainable investment plan has to be prepared. In this regard, it is proposed to employ consultants for preparing a comprehensive City Corporate Cum Business Plan for each of the above towns.

### **Objectives:**

The objective of this exercise is to:

1. Define the growth directions and service up-gradations in relation to the activity mix / growth;
2. Look at the demand for the projects specified by the ULBs, and come out with gap in services;
3. Broadly outline the infrastructure needs;
4. Define specific rehabilitation and capital improvement needs with regard to priority city infrastructure in both slums and other areas;
5. Define revenue enhancement and revenue management improvements required to sustain the rehabilitation proposed;
6. Reforms required in local administration and service delivery;
7. Management changes required at the local level to improve O&M of assets, and
8. Measures to address common growth and infrastructure issues.

### **Scope of work:**

The scope of works covers but not limited to the following:

1. Assess the demand for the projects listed out by these Municipalities.
2. Financial assessment of the ULBs- an assessment of local finances (past 5 years) in terms of sources and uses of funds, base and basis of levy, revision history and impacts, State assignments and transfers- base and basis of transfer and its predictability; uses of funds outstanding liabilities (loans, power dues, pension etc) and, a review of revenue and service management arrangements. Levels of service, coverage and quality of municipal services in both poor and non-poor localities. Staffing and management arrangements in delivery of services
3. Outline issues in revenue realizations, quality of existing assets in relation to service levels and coverage, and institutional constraints. Develop quick indicators of performance, based on -
  - current coverage and additional population in the medium term (10 years) and unit costs, indicate city level investment requirement for upgradation of city wide infrastructure.
  - to improve service coverage and asset quality :

- prepare a comprehensive Asset Management Plan and use fiscal notes and policy analysis to assist in making informed investment choices to achieve sector/ city goals
  - define priority assets and indicative costs of rehabilitation
  - conduct fiscal impact analysis of investments: life- cycle O&M costs, revenues from project, and costs/ impacts on finances and of not doing the project
  - explore funding options for rehabilitation of facilities
4. Prepare a financial and operating plan (FOP). The FOP is a medium term framework of the ULBs, and shall present the following–

A. Additional data to be collected

- Break up of energy cost on UG, WS etc.
- Salary for all the departments including staff and payments to private operators
- Finding out the benchmark cost i.e. at ideal condition what will be the cost of the identified investments, a table indicating the investment plan for next 5 years with identified source of finance.

B. Areas of reduction in expenditure

- Energy audit resulting in savings in energy.
- Leak detection resulting either in connections or in the tariff (or) maintaining the same supply and achieving a reduction in energy cost.
- Privatizing the MSW collection and identifying a BoT operator for eliminating, composting etc, items of revenue can be identified.
- Laying of Cement concrete road / Fly ash and savings on maintenance cost resulting in increasing operating surplus.
- Water recycling / reuse
- Rejuvenation of tanks and reduction of cost / liters of water produced
- Privatization & option for revenue rising.

C. Options for increasing the revenues through non-traditional methods

- Land development for raising revenue (not the traditional commercial complexes)
- Suggestion for improvement of revenues

5. Prepare a draft Memorandum of Association between ULB and TNUIFSL. The MoA will outline the base line (based on the Situation Analysis) and the Performance Benchmarks to be monitored, apart from other financial and loan covenants. The targets will be based on service development targets and outputs of the financial and operating plan
6. Initiate consultations with council and local stakeholders on the priorities; redefine priorities (rerun FOP if required) and work with the Council to resolve on adoption of the City's FOP and CCP actions.
7. Finalize Action Plan for the City, with a resolution from the council on the priorities and commitment to implement revenue and management improvement measures.

**Detailed tasks to be performed:**

The role of the consultant in this process is to assist and encourage full participation and consensus within the city to arrive at an adequate, appropriate and agreed rehabilitation strategy.

The objective of the assistance is to ensure that the process receives adequate and appropriate methodological and technical guidance in examining the full range of environmental, social, economic and health issues in the city and through communication, consultation and consensus building.

The consultants will be responsible for the following:

In the early stages they will inform, consult and assist the ULBs in assessment and in consultations. In assisting to frame the process, the consultants will support the establishment and activities of a representative and effective Operational Working Groups (OWG) to manage, drive and guide the process.

The consultants will help the OWG define and manage an appropriate process for the CCP. The consultants will develop and support appropriate participatory methodologies to ensure communication, consultation, and consensus building among stakeholders.

The Consultants shall, during the course of this assessment, assist ULB in reviewing the works and plans of other Government, Quasi- Government and Voluntary Organizations operating within the defined area, facilitate, and support documentation of the process.

The consultants will review all studies, plans and previous experience in the city, government, quasi- or non-government, academic or private sector. This will include economic development, urban and financial management, environmental protection, municipal service delivery, slum improvement, social development and any other relevant initiatives or studies.

The consultants will analyze findings and draw out useful lessons to inform the City Action Plan. The process shall primarily focus upon the areas of concern that emerge out of the CCP process. Indicative focus areas are:

- a) Urban Economic Development
- b) Social Assessment/ Poverty Reduction
- c) Land Use Planning and Urban Management
- d) Urban Infrastructure
- e) Human resources and Institutional Issues
- f) Financial Management, and
- g) Environmental Management and adverse social impacts (loss of habitat and sources of income)

At the request of the Operational Working Group, the consultants will carry out analysis to consolidate findings towards the development of priorities, identifying a program or strategy for institutional and policy reform and/or a defining a program of short and long term investment.

Additional primary data collection should be undertaken only if required. The consultants will support any such process but it will be commissioned or undertaken separately from this contract.

At the request of the Operational Working Group, provide technical and professional support in the analysis of problems and constraints facing the city, identification of necessary outline investments, determining priorities, identifying interventions that have the greatest potential impact and identifying immediate actions, which could be implemented.

At all stages, the consultant will work in such a way that encourages the institutionalization of the planning methodologies and processes in the city. This will include identifying and working alongside counterparts, involving and supporting stakeholders in the working with new methodologies, assisting the management of the process and building constructive relationships with key stakeholders.

#### **Data inputs from the client:**

The ULBs will lead the study and liaison and coordinate with relevant Central, State and Quasi-Governmental agencies. Consultant would assist ULB in this process ULB shall make available for consultation purposes its senior officials, identify and furnish the relevant data and documentation for the consultant's information and review.

The Consultants shall report to the Municipal Commissioner of the ULBs. While the ULBs will have the overall responsibility of design, a committee comprising officials from TNUIFSL and CMA will oversee preparation process.

List of projects identified by the municipality shall be given to the consultants.

#### **Outputs, reporting and timing:**

The objective is to arrive at a demand-supply gap, derive a comprehensive infrastructure improvement plan for the city, supported by a financial and operating plan outlining the quantum of investments the ULBs can sustain and revenue enhancement measures required. The outputs, schedule and related payment schedule are as follows:

<b>Outputs</b>	<b>Time from Start</b>	<b>Payments</b>
<b>Demand assessment of identified projects</b> – The ULBs has identified certain projects, the demand for which would be assessed by the consultant	2 weeks	10%
<b>Rapid Urban Assessment (RUA)</b> Review of town's economic development, physical planning and growth management issues, physical infrastructure status, social infrastructure status, and municipal fiscal status. The O&M requirements, capacity assessments to operate and maintain systems Needs: infrastructure and financial improvement needs of the town and identify Capital Investment needs for consultation with local stakeholders.	6 weeks	15%
<b>Strategic Plan</b> , identifying areas of development and physical requirement with special attention would be given to Local Economic development/ poverty reduction measures [Not a CDP or Master Plan]	9 weeks	15%
<b>Capital Investment Needs</b> section comprising system performance assessment, demand assessment, and project identification and costing. The CPI broadly comprise of water supply systems, sewerage and	12 weeks	20%

sanitation, solid waste management, storm water drainage, roads, slum infrastructure, and traffic and transport planning. <b>Priority Asset Management Plan</b> (O&M plan for services and for lands vested with the ULBs) shall be prepared for the first <u>five (5)</u> years.		
<b>Project Risk, Environmental and Social Assessment (ESA)</b> Project structuring options and associated risks, environmental and social impacts.	13 weeks	10%
<b>Financial and Operating Plan (FOP)</b> Outlining the revenue enhancement measures required to sustain proposed investments after accounting For O&M and debt servicing requirements. Suggests suitable actions for project sizing and/or project implementation, and action plans to sustain investments based on capital investment needs listed above.	14 weeks	15%
Draft MoA	15 weeks	
<b>Policy Interventions:</b> institutional and policy reforms– institutional changes and policy reforms required for effective governance and financial management.	15 weeks	
<b>Technical Assistance:</b> Outline of the technical assistance requirements for effective implementation of the CIP.	15 weeks	
<b>Final Report</b>	16 weeks	15%

## Annexure II

### Minutes of Council meeting held in connection with the study on preparation of City Corporate Plan to Business Plan for Nagapattinam Municipality

#### Attendees

1. Mr. Anand Madhavan, AGM, iMaCS
2. Chairman and Council members
3. Municipal Commissioner and officials.

**Time and Date:** 11 am. 28<sup>th</sup> September 2007 (along with the monthly council meeting)

**Venue:** Nagapattinam municipality.

1. Commissioner, Nagapattinam municipality made an inaugural address in which he explained the background to the study and the need for the council meeting. He explained that the need for a long-term plan for Nagapattinam and introduced TNUIFSL and iMaCS and their role in preparing the report on the business plan for the corporation for the next 10 years. He requested the council members to share their views and insights on the projects that need to be executed in Nagapattinam
2. Mr. Anand AGM, iMaCS introduced the study and mentioned that the objective of the meeting was to obtain the views and suggestions of the Council with respect to 3 areas namely a) Vision and strategy for the town economic and infrastructure development, b) suggestions on specific projects that need to be implemented and c) areas for improvement of financial and operating position of the municipality. He said that members were open to highlight any ward specific issues, the objective of this consultations was to generate issues faced by the town as a whole and requested members to focus on ideas and important initiatives rather than day-to-day issues that could be resolved by the Council themselves.
3. Chairman, Nagapattinam highlighted a set of initiatives that needed to be implemented in the municipality followed by representations and suggestions by other council members. The key points discussed as part of the deliberations are detailed below.
4. At the end of the deliberations and open house session, Mr. Anand summarized the list of project ideas and concepts that emerged from the meeting and thanked the council members for their time and their suggestions.
5. The meeting was concluded with a vote of thanks.

Key points that were put forth during the meeting for consideration in the City Corporate Plan exercise are summarized below in terms of sectoral requirements.

## **Summary of discussions with Nagapattinam municipal council**

### **Water supply**

1. Though the town recently had the benefit of implementation of the TWAD Combined Water Supply Scheme, council members expressed the need to restore the existing Odacherry head works. They mentioned that the source could provide a useful back-up to the TWAD supply and need to be restored through investments in the head works improvements and replacement of the transmission line.
2. Commissioner Nagapattinam municipality suggested that the chlorination system pilot implemented in Vellipallayam OHT could be replicated to cover other distribution points. He said this could facilitate improvement in the quality of water supplied to the municipality and suggested that two additional chlorination treatment points are required for the town.
3. Council members pointed out the need to provide daily water supply in all wards.
4. There was also a request from council members to review the need for OHT for servicing the new shelter clusters that were being created as part of the Tsunami rehabilitation program.

### **Sanitation and Underground Drainage**

5. Councillors mentioned that sanitation conditions in the town were very poor and required significant improvement.
6. Commissioner mentioned that the DPR for Underground Drainage scheme for Nagapattinam was under preparation by TWAD and that they had given an initial estimate of Rs. 5000 lakh for implementation of UGD for Nagapattinam.
7. Councilors mentioned that this project needs to be implemented on priority given the poor sanitation conditions in the town.
8. The Chairman also highlighted that a flood mitigation proposal had been prepared after the Tsunami at a cost of Rs. 779 lakh that had identified areas for construction of storm water drains and other related proposal. He mentioned that this should also be taken up immediately
9. Council members expressed that during the monsoons low lying areas on the southern side of the town near River Uppanar were affected by flooding and mooted the need for building a retaining wall along the river bank on the town side. They said that the PWD would need to be instructed to take up the feasibility and implementation of this projects. Commissioner also mentioned that a number of water bodies within the town limit which came under the jurisdiction of the PWD would need to be taken up by them.

### **Solid Waste Management**

10. Councillors also lamented the poor condition of the disposal yard and dumping facility in the town and complained about the severe pollution in and around this area due to indiscriminate dumping. Commissioner mentioned that proposals for improving the dumping yard including



setting up of composting facilities had been approved and would be implemented shortly. However, the council members felt that there was clearly a need for a more integrated approach to handling Solid Waste Management in the town.

### **Transportation and Street lights**

11. The need for expediting railway connectivity and completion of the ongoing projects for gauge conversion was also stressed.
12. Council members also cited the need for strengthening and widening the arterial corridors of the town and the highways linking the town to other parts of the state.
13. Council members mentioned that while Bus stand amenities were being improved in Nagore, there needs to be better facilities at the Nagapattinam bus stand also.
14. Council members complained about the poor working condition of street lights and mentioned that in spite of being taken up at every council meeting the problem of non-working street lights could not be solved. Further they mentioned that the lack of clarity in accountability between the TNEB and municipal officials was also making the problem difficult to resolve.

### **Markets and remunerative assets**

15. Suggestions for developments of markets and remunerative assets included the following:
  - Re-development of Bharathi and Azad markets to realize more revenues
  - Development of municipal assets such as shopping complex at the un-used Travellers bungalow land and cycle stand land in Nagapattinam and Nagore

### **City beautification**

16. Suggestions for City beautification included the following:
  - Development of parks and improvements in Jabbar park and Ambedkar park
  - Restoration of Tamarai kulam and development of boating facilities and jogging path around the water body.
  - Development of beach front. However, commissioner mentioned that this would require permission from district authorities as the municipality did not have any land available along the coast.
  - Council members also suggested the municipality should look at providing parks in and around other assets of the municipality such as OHT locations.

### **Annexure III**

## **Minutes of public consultations held in connection with the study on preparation of City Corporate Plan to Business Plan for Nagapattinam Municipality**

**Time and Date:** 1 pm. 28<sup>th</sup> September 2007

**Venue:** Nagapattinam municipality.

1. Commissioner, Nagapattinam municipality made an inaugural address in which he explained the background to the study and the need for the council meeting. He explained that the need for a long-term plan for Nagapattinam and introduced TNUIFSL and IMaCS and their role in preparing the report on the business plan for the corporation for the next 10 years. He requested the council members to share their views and insights on the projects that need to be executed in Nagapattinam
2. Mr. Anand AGM, IMaCS introduced the study and mentioned that the objective of the meeting was to obtain the views and suggestions of the public stakeholders with respect to 3 areas namely a) Vision and strategy for the town economic and infrastructure development, b) suggestions on specific projects that need to be implemented and c) areas for improvement of financial and operating position of the municipality. He said that members were open to highlight any ward specific issues, the objective of this consultations was to generate issues faced by the town as a whole and requested members to focus on ideas and important initiatives.
3. Chairman, Nagapattinam highlighted a set of initiatives that needed to be implemented in the municipality followed by representations and suggestions by other council members. The key points discussed as part of the deliberations are detailed below.
4. At the end of the deliberations and open house session, Mr. Anand summarized the list of project ideas and concepts that emerged from the meeting and thanked the council members for their time and their suggestions.
5. The meeting was concluded with a vote of thanks.

Key points that were put forth during the meeting for consideration in the City Corporate Plan exercise are summarized below in terms of sectoral requirements.

### **Summary of discussions with public stakeholders**

#### **Vision and initiatives for economic development**

Attendees from the Nagapattinam chambers of commerce and trade articulated the vision and economic development prospects for the town. They mentioned that the following interventions / activities should be considered for economic development of Nagapattinam town.

1. The key occupation in Nagapattinam is fishing and related ancillary industry including ice factories and there is a need to make this industry more vibrant by attracting investments in fish processing and fish food industries.

2. Other possibility is also salt based industry such as caustic given the proximity of the town to salt pans. However, this they mentioned would require adequate basic infrastructure including industrial estates and power supply.
3. They mentioned that the tourism potential in the town was not being exploited and infact was being constrained by poor basic infrastructure and tourist amenities. Further the lack of alternative amenities and recreation facilities made tourist arrivals highly seasonal. Also inadequate connectivity was hampering prospects. They mentioned that initiatives to address these bottlenecks could significantly help improving tourism potential of the region.

**Specific points related to infrastructure and amenities suggested by participants**

1. Being a highly flood prone region, the town requires storm drains to be laid on priority. Further the need to restore water bodies and the interlinking among them was strongly highlighted.
2. Sanitation services are very poor. Sullage lorry frequency is not sufficient. Given the growth the town would need to implement Underground drainage immediately.
3. Representatives from Nagore chambers of commerce highlighted the need for additional public conveniences and parking areas near the market in Nagore
4. Members mentioned that there was a need to re-develop both Bharath and Azad markets. These areas were becoming congested and road side encroachments in the roads in these market areas were making commuting along these roads a night mare. Members suggested that the municipality should consider developing a two-storey markets and shift out all the road side encroachments into proper shops.
5. They mentioned that high mast lights were required at Park near Old bus stand, Anna statue and Elaipillayar temple.
6. Members mentioned that the Thambidurai park was being maintained by local civic groups. However, there was a need for a water connection that need to be provided for facilitating better upkeep of the place. Similarly, participants also mentioned that there was a need to provide a water connection for the general hospital.
7. Exnora personnel indicated that they were doing vermi-composting in a plot of land provided by the municipality. They requested the municipality to construct a compound wall around the area in order to facilitate developing a green belt in the area available and develop horticultural produce there.
8. Members complained about the poor Solid waste management practices and mentioned that there was a need for substantial improvements in this area.
9. The need for beach beautification projects was strongly suggested. Further the need for development and upkeep of existing parks was also highlighted. Participants also mooted the need for developing tamarai kulam into a recreational place with boating and other facilities. Development of other water bodies including akarai kulam was also suggested.
10. Members stressed the need for a comprehensive study on junction improvements on arterial roads.

## Annexure IV

### Population projections – computations

#### A. Population of the Town/City from 1961 to 2001

Census Year	Population	Increase	Growth Rate
1961	59100	--	--
1971	65023	5923	10.0%
1981	82828	17805	27.4%
1991	86489	3661	4.4%
2001	93148	6659	7.7%
<b>Total</b>		<b>34048</b>	
<b>Average Increase per Decade</b>		<b>8512</b>	

#### B. Arithmetical Progression Method

- a. Increase in population from 1961 to 2001 (i.e. in 4 decades) 34048
- b. Average decadal increase in number 8512

#### I. Population Projection: Illustrative Formula

- a. Population in 2011 = Population in 2001 + Average Increase for 1 decade
- b. Population in 2016 = Population in 2001 + Average Increase for 1.5 decade

#### II. Projected Population

- a. Population in 2001 93148
- b. Average decadal increase 8512

Year	Population
2006	97404
2011	101660
2016	105916
2021	110172
2026	114428
2031	118684

#### C. Geometrical Procession Method

##### I. Rate of Growth

Decade	Indicator	Growth Rate
1961-1951	R1	--
1971-1961	R2	0.100
1981-1971	R3	0.274
1991-1981	R4	0.044
2001-1991	R5	0.077

**II. Population Projection: Illustrative Formula**

$$\text{Geometric Mean} = R_g = \sqrt[n]{R_1 \times R_2 \times R_3 \times R_4 \times R_5 \times \dots \times R_n}$$

n = Number of Decades

Assuming that the future growth follows the geometric mean for the period 1961 to 2001

**Rg = 0.098**

- a. Population in 2011 =  $P_1 \times (1 + R_g)$  (Average Increase for 1 Decade)
  - b. Population in 2016 =  $P_1 \times (1 + R_g)^{1.5}$  (Average Increase for 1.5 Decade)
- Where P1 is Population Figure of Latest Census

**III. Projected Population**

- a. Population in 2001 93148
- b. Average decadal increase (Rg) 0.098

Year	Population
2006	97619
2011	102305
2016	107216
2021	112362
2026	117755
2031	123408

**D. Method of Varying Increment or Incremental Increase Method**

**I Population of the Town/City from 1961 to 2001**

Census Year	Population	Increase (X)	Incremental Increase (Y)
1961	59100	--	--
1971	65023	5923	--
1981	82828	17805	11882
1991	86489	3661	-14144
2001	93148	6659	2998
<b>Total</b>		<b>34048</b>	<b>736</b>
<b>Average</b>		<b>8512</b>	<b>245.33</b>

**II Population Projection: Illustrative Formula**

$$P_n = P_1 + nX + \frac{n(n-1)Y}{2} \qquad n = P_2 - P_1$$

Where, P2 = Year of Projection  
P1 = Year of Latest Census

### III Projected Population

a. Population in 2001	93148
b. X (Average)	8512
c. Y (Average)	245

Year	Population
2006	97496
2011	101905
2016	106376
2021	110908
2026	115501
2031	120156

### E. Summary Statement

Year	Arithmetic	Geometrical	Incremental	Average
1961	59,100	59,100	59,100	59,100
1971	65,023	65,023	65,023	65,023
1981	82,828	82,828	82,828	82,828
1991	86,489	86,489	86,489	86,489
2001	93,148	93,148	93,148	93,148
2011	101,660	102,305	101,905	101,957
2016	105,916	107,216	106,376	106,503
2021	110,172	112,362	110,908	111,147
2026	114,428	117,755	115,501	115,895
2031	118,684	123,408	120,156	120,749

## Annexure V

### Financial Statements

*Rupees in lacks*

<b>INCOME</b>	<b>2001-02</b>	<b>2002-03</b>	<b>2003-04</b>	<b>2004-05</b>	<b>2005-06</b>	<b>2006-07</b>	<b>CAGR %</b>
<b>OWN INCOME</b>	<b>221</b>	<b>249</b>	<b>584</b>	<b>310</b>	<b>262</b>	<b>296</b>	8%
Property tax	146	150	155	161	170	177	5%
Profession tax	27	26	29	31	34	7	-29%
Water & Sewerage Charges	32	27	25	35	40	39	5%
Other Service Charges & Fees	12	0	16	19	14	19	11%
Other Income	3	46	358	64	4	54	107%
<b>ASSIGNED REVENUE</b>	<b>41</b>	<b>123</b>	<b>97</b>	<b>49</b>	<b>2</b>	<b>50</b>	5%
<b>DEVOLUTION FUND</b>	<b>25</b>	<b>155</b>	<b>154</b>	<b>212</b>	<b>239</b>	<b>200</b>	67%
<b>GRANTS &amp; CONTRIBUTIONS</b>	<b>5</b>	<b>50</b>	<b>129</b>	<b>30</b>	<b>0</b>	<b>119</b>	122%
<b>PRIOR PERIOD INCOME</b>		<b>0</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>2</b>	
<b>TOTAL</b>	<b>292</b>	<b>577</b>	<b>996</b>	<b>600</b>	<b>503</b>	<b>667</b>	<b>23%</b>
<b>EXPENDITURE</b>	<b>2001-02</b>	<b>2002-03</b>	<b>2003-04</b>	<b>2004-05</b>	<b>2005-06</b>	<b>2006-07</b>	<b>CAGR %</b>
Salaries	290	234	245	231	279	271	-2%
Operating Expenses	113	94	148	66	60	84	-7%
Programme Expenses	0	0	0	0	0	3	
Administrative Expenses	23	44	49	62	37	37	12%
Finance Expenses	165	154	218	215	2	168	0%
Depreciation	124	105	90	90	100	90	-8%
Prior Period Expenses		2	4	0	0	0	
<b>TOTAL</b>	<b>591</b>	<b>528</b>	<b>664</b>	<b>575</b>	<b>377</b>	<b>563</b>	<b>-1%</b>
<b>SURPLUS -(Excl-Depr)</b>	<b>-299</b>	<b>49</b>	<b>332</b>	<b>26</b>	<b>126</b>	<b>104</b>	

<b>Operational ratio (TE/TR)</b>	<b>02-03'</b>	<b>03-04'</b>	<b>04.05'</b>	<b>05-06'</b>	<b>06-07'</b>	<b>Average</b>
	All figures in Percentage					
Excluding depreciation	91%	67%	96%	75%	84%	<b>83%</b>
Including depreciation	110%	76%	111%	95%	98%	<b>98%</b>
	All figures in Lacks					
<b>Debt Servicing</b>						
Loan Interest	23.05	14.45	26.42	35.70	40.41	<b>140</b>
Loan Repayment	24.72	21.28	29.48	47.20	23.21	<b>146</b>
<b>Percentage of Income</b>	<b>8.28</b>	<b>3.59</b>	<b>9.31</b>	<b>16.47</b>	<b>9.54</b>	<b>11%</b>

<b>Balance sheet</b>					
<b>Assets</b>	<b>2001-02</b>	<b>2002-03</b>	<b>2003-04</b>	<b>2004-05</b>	<b>2005-06</b>
Fixed Assets	1460	1262	1732	1843	2108
Stock Account	6	1	1	1	2
Debtors	135	156	173	203	229
Bank account	133	177	225	189	152
Other Receivables	207	287	349	469	437
<b>Total assets</b>	<b>1941</b>	<b>1884</b>	<b>2480</b>	<b>2705</b>	<b>2928</b>
<b>Liabilities</b>	<b>2001-02</b>	<b>2002-03</b>	<b>2003-04</b>	<b>2004-05</b>	<b>2005-06</b>
Loans	1127	1102	619	583	545
Grants from Government	130	172	341	527	361
Current liabilities	1262	1395	1188	1388	1332
Accumulated Depreciation	276	391	498	564	490
Accumulated Surplus	-855	-1176	-166	-356	199
<b>Total Liabilities</b>	<b>1941</b>	<b>1884</b>	<b>2480</b>	<b>2705</b>	<b>2928</b>

### Loan Statement

S No	Lending Agency	Amount of Loan (Rs in Lakh)	Year of drawal	Interest Rate %	Repayment period (years)	Purpose / Scheme	Moratorium Period	Outstanding loan amount
1	2	3	4	5	6	7	8	9
1	TUFIDCO-Water	150.00	2004	11%	15	Water supply	5	150.00
2	TNUDF - spl roads	115.00	2003	9%	10	Special road works	5	115.00
3	TNUDF	85.00	1994	9%	15	Various		15.13
4	IDSMT	84.04	1982	8%	25	Bus stand /various		151.18
	<b>TOTAL</b>	<b>434.04</b>						<b>431.31</b>



**Annexure VI**

**DCB statements**

**Property Tax (in lacks)**

Year	No. of Properties	Demand			Collection			Balance		
		Arrears	Current	Total	Arrears	Current	Total	Arrears	Current	Total
2001-02	15171	153.24	158.22	311.46	35.66	108.84	144.50	117.58	49.38	166.96
2002-03	15694	167.06	163.06	330.12	36.70	108.11	144.81	130.36	54.95	185.31
2003-04	16019	172.97	168.15	341.12	34.65	106.29	140.94	138.32	61.86	200.18
2004-05	16440	198.02	174.51	372.53	32.62	99.25	131.87	165.40	75.26	240.66
2005-06	17053	225.39	182.41	407.80	82.61	107.87	190.48	142.78	74.54	217.32
2006-07	17452	235.96	191.79	427.75	80.15	132.24	212.39	155.81	59.55	215.36

**Profession tax (in lakhs)**

year	No. of assesses	Demand			collection			Balance		
		Arrears	Current	Total	Arrears	Current	Total	Arrears	Current	Total
2001-02	998	15.00	23.00	38.00	0.50	19.00	19.50	14.50	4.00	18.50
2002-03	1102	27.20	25.57	52.77	1.20	22.82	24.02	26.00	2.75	28.75
2003-04	1175	28.75	29.01	57.76	1.81	26.01	27.82	26.94	3.00	29.94
2004-05	1183	11.93	31.36	43.29	1.51	26.99	28.50	10.42	4.37	14.79
2005-06	1198	15.23	32.99	48.22	2.88	29.33	32.21	12.35	3.66	16.01
2006-07	1614	19.30	34.56	53.86	4.18	30.74	34.92	15.12	3.82	18.94

**Water Charges (in lakhs)**

year	No. of Connections	Demand			collection			Balance		
		Arrears	Current	Total	Arrears	Current	Total	Arrears	Current	Total
2001-02	5674	15.08	15.16	30.24	0.43	9.42	9.85	14.65	5.74	20.39
2002-03	5951	20.39	15.57	35.96	1.46	8.42	9.88	18.93	7.15	26.08
2003-04	6188	27.86	16.56	44.42	4.42	6.23	10.65	23.44	10.33	33.77
2004-05	6457	20.85	27.95	48.80	4.05	8.07	12.12	16.80	19.88	36.68
2005-06	6605	47.30	32.77	80.07	8.64	11.50	20.14	38.66	21.27	59.93
2006-07	6790	60.13	33.45	93.58	18.29	16.99	35.28	41.84	16.46	58.30

## Annexure VII

### List of Water bodies in Nagapattinam municipality (as per information from NaM)

Sl. No.	Ward No.	T.S. No.	Extent of Tank (Acres/ Sq.m)	Municipality	Temple	Mosque	Govt. / Poramboke	Private	Name of the Tank
1	1-14	1211	1.21244	--	--	Mosque	--	--	Meera Palli Kulam
2	15	1232	1.15956	--	--	Mosque	--	--	Puthu Palli Tank
3	17	1784	42092	--	--	Mosque	--	--	Pallivasal Kulam
4	2-14	871	36295	--	--		Poramboke	--	Alagar Kulam
5	23	1580	5076	--	--		--	Private	Kulam
6	23	1582	2804	Municipal	--		--	--	Municipality Akkara Kulam
7	27	1703	43056	--	--		Poramboke	--	Kulam
8	23	1624	11.23111	Municipal	--			--	Akara Kulam
9	24	1644	22429	--	--		Poramboke	--	Vaniyan Kutai
10	3-1	6	2.18406	--	--		Govt. / Poramboke	--	Salavai Kulam
11	3-1	26	1.19114	--	--		Govt. / Poramboke	--	Uppu Kulam
12	3-1	27	4356	--	--		Govt. / Poramboke	--	Ganapathy Pillai Kulam
13	3-1	29	2.42794	--	--		Govt. / Poramboke	--	Kulam
14	3-2	90	22494	--	--		--	Private	Kulam
15	3-3	146	11352	--	Temple		--	--	Neelathatchi Amman Kulam
16	3-3	156	39587	--	Temple		--	--	Neelathatchi Amman Kulam
17	3-1	28	19950	--	--		Poramboke	--	Kulam
18	3	157	4617	--	--		Poramboke	--	Kuttai
19	3-6	424	12910	--	Temple		--	--	Kayarogasamy Manthira Kulam
20	6	439	38926	--	Temple		--	--	Kothanda Aanjinayar Kulam
21	3-11	836	18622	--	Temple		--	--	Naganathasamy Koil Kulam
22	3-11	894	527	--	Temple		--	--	Naganathasamy Koil Kulam
23	12	985	26084	--	Temple		--	--	Thuropathy Amman Kulam
24	17	1521	5632	--	--		Poramboke	--	Kulam
25	17	1522	8076	--	Temple		--	--	Naduvar Koil Kulam
26	17	1523	7745	--	--		Poramboke	--	Kulam
27	17	1533	5297	--	--		Poramboke	--	Kulam
28	4-2	34	16727	--	--		Poramboke	--	Government Kulam



Sl. No.	Ward No.	T.S. No.	Extent of Tank (Acres/ Sq.m)	Municipality	Temple	Mosque	Govt. / Poramboke	Private	Name of the Tank
29	2	41	4356	--	--	--	--	Private	Pakkiri Coundan Kulam
30	11	347/2	35526	--	--	--	Poramboke	--	Kulam
31	4-11	356	31154	--	--	--	--	Private	Vellarikaye Mandapa Kulam
32	4-14	445	13032	--	Temple	--	--	--	Neelathatchi Amman Kulam
33	4-14	449	27791	--	Temple	--	--	--	Kulam
34	15	454	10571	--	--	--	Poramboke	--	Kulam
35	15	466	5890	--	--	--	--	Private	Kulam
36	15	476	29673	Municipal	--	--	--	--	Municipality Kulam
37	22	737	33960	--	--	--	Poramboke	--	Kulam
38	23	792/2	20200	--	--	--	Poramboke	--	Kulam
39	24	819	3833	Municipal	--	--	--	--	Municipality Kuttai
40	30	1269	34744	--	--	--	Poramboke	--	Kulam
41	31	1289	2.17146	Municipal	--	--	--	--	Gandhi Nagar Kulam
42	32	1293	11255	--	--	--	Poramboke	--	Thuropathy Amman Kulam
43	32	1296	1.12667	--	--	--	Poramboke	--	Alagar Kulam
44	32	1299	26327	--	--	--	Poramboke	--	Kulam
45	34	1430	13939	Municipal	--	--	--	--	Ramanaiykar Thotam & Kulam
46	34	1431	1.35109	Municipal	--	--	--	--	Ramanaiyakan Kulam
47	37	1695	1.03101	--	--	--	Poramboke	--	Thandavaraiyar Kulam
48	42	2237	3.43228	--	--	--	Poramboke	--	Arumugam Chetty Kulam
49	4-45	2511	10872	Municipal	--	--	--	--	Gopala Pillaiyar Kulam
50	45	2525	1.21606	Municipal	--	--	--	--	Paraiyan Kulam
51	46	2579	25348	--	Temple	--	--	--	Vardaraja Perumal Kulam
52	47	2599	29665	--	--	--	Poramboke	--	Beer Kulam
53	4-50	2779	7.34622	Municipal	--	--	--	--	Thamarai Kulam
54	54	2878	14026	--	--	--	Poramboke	--	Pond
55	54	2884	4443	--	--	--	--	Private	Kulam
56	56	2903	5.37462	--	Temple	--	--	--	lynam Kulam
57	57	2936/2	1.40946	--	--	--	Poramboke	--	Government Kulam
58	57	2937/3	20909	--	--	--	Poramboke	--	Government Kulam
59	57	2947/4	6970	--	--	--	Poramboke	--	Government Kulam
60	5-3	152	25904	--	--	--	Poramboke	--	Kattu palli Kulam
61	5-20	1773	0.42580	--	--	Mosque	--	--	Sayad palli Kulam
62	5-4	257	40154	Municipal	--	--	--	--	Municipality Kulam



Sl. No.	Ward No.	T.S. No.	Extent of Tank (Acres/ Sq.m)	Municipality	Temple	Mosque	Govt. / Poramboke	Private	Name of the Tank
63	5-18	1389	2.0300	--	--	Mosque	--	--	Dharga Kulam
64	5-33	2383/2	8276	--	--		Poramboke	--	Kulam
65	6-4	184	1.35075	--	--		Poramboke	--	Kosa Kulam
66	6-5	257	2.13782	--	Temple		--	--	Perumal Koil Kulam
67	6-11	558	4.14174	--	Temple		--	--	Eswaran Gopal Kulam
68	6-17	1145	22282	--	--		Poramboke	--	Thirumanjana Kulam
69	6-21	1327	2.10324	--	--		Poramboke	--	Kamatchi Amman Kulam
70	6-22	1373	0.20769	--	--		--	Private	Pond
71	6-24	1460	26166	--	--		--	Private	Pond
72	6-24	1462	13620	--	--		--	Private	Pond
73	6-25	1472	32408	--	--		Poramboke	--	Pond
74	6-25	1481	36590	--	--		--	Private	Pond
75	16	938	22347	--	--		Poramboke	--	Kulam
76	16	957	22163	--	--		Poramboke	--	Venkat Kulam
77	17	1125	8590	--	--		Poramboke	--	Kuttai
78	18	1212	12893	--	--		Poramboke	--	Kulam
79	19	1242	1.29028	--	--		Poramboke	--	Natham Kulam
80	20	1276	24202	--	--		Poramboke	--	Kulam
81	20	1291	20918	--	--		Poramboke	--	Natham Kulam
82	21	1319	1.15224	--	--		Poramboke	--	Natham Kulam
83	22	1399	3.41556	--	--		Poramboke	--	Puramboke Kulam
84	23	1409	110754	Municipal	--		--	--	Kusavan Kulam
85	25	1478	42514	--	Temple		--	--	Naganathasamy Koil Kulam
86	25	1495	2.31711	--	Temple		--	--	Naganathasamy Koil Kulam
87	26	1500	4.15264	--	--		Poramboke	--	Vannam Kulam
88	26	1504	16847	--	--		Poramboke	--	Chinna Vannan Kulam
89	6-26	1523	20699	--	--		Poramboke	--	Kuttai
90	27	1548	23906	--	--		Poramboke	--	Kulam
91	27	1569	5014	--	--		--	Private	Thiruvasal Kulam
92	27	1579	32705	Municipal	--		--	--	Municipal Kulam
93	28	1594	1.7285	--	--		Poramboke	--	Kulam
94	28	1596	25248	--	--		Poramboke	--	Government Kulam
95	28	1597	2.23297	--	--		Poramboke	--	Government Kulam
<b>Total</b>				<b>13</b>	<b>16</b>	<b>5</b>	<b>50</b>	<b>11</b>	<b>95</b>

## Annexure VIII

### Vacant land assets

SI.No	PROP_DESC	SUBGROUP	AREA sm	LOCATION	LAND_STATUS
1	PARK	Parks	7331.1	Beach Railway station	Park
2	PARK	Parks	1456.7	Solomon Park	Park
			<b>8787.8</b>		
1	play ground	Play grounds	587.7	Play ground	play ground
2	play ground	Play grounds	110	Vedhanayagam chetty street	play ground
3	play ground	Play grounds	59.7	Vedhanayagam Chetty Street	play ground
4	play ground	Play grounds	61	Vedhanayagam Chetty Street	play ground
5	play ground	Play grounds	9.36	Karaiyan Pillaiyar Chakkadi Mudukku	play ground
6	Municipal Natham	VACANT SITE	254.8	Vedhanayagam Chetty Street	play ground
			<b>1082.56</b>		
1	Municipal Natham	VACANT SITE	125.4	Vedhanayagam Chetty Street	Municipal Natham
2	Municipal Natham	VACANT SITE	105.8	Vedhanayagam Chetty Street	Municipal Natham
3	Municipal Natham	VACANT SITE	45.54	Pazhaya st	Natham
4	Municipal Natham	VACANT SITE	63.73	Pazhaya st	Natham
5	Municipal Natham	VACANT SITE	391.55	Pazhaya st	Natham
6	Municipal Natham	VACANT SITE	186.32	Pazhaya st	Natham
7	Municipal Natham	VACANT SITE	123.6	Pazhaya st	Natham
8	Municipal Natham	VACANT SITE	54.18	Pazhaya st	Natham
9	Municipal Natham	VACANT SITE	192.3	Pazhaya st	Natham
10	Municipal Natham	VACANT SITE	36.8	Pazhaya st	Natham
11	Municipal Natham	VACANT SITE	54.09	Pazhaya st	Natham
12	Municipal Natham	VACANT SITE	62.8	Pazhaya st	Natham
13	Municipal Natham	VACANT SITE	125.25	Pazhaya st	Natham
14	Municipal Natham	VACANT SITE	37.19	Pazhaya st	Natham
15	Municipal Natham	VACANT SITE	69.6	PAZHAYA ST	Natham
16	Municipal Natham	VACANT SITE	52.06	Pazhaya st	Natham
17	Municipal Natham	VACANT SITE	100.37	Pazhaya st	Natham
18	Municipal Natham	VACANT SITE	113.5	Pazhaya st	Natham
19	Municipal Natham	VACANT SITE	164.83	Pazhaya st	Natham
20	Municipal Natham	VACANT SITE	64.83	Pazhaya st	Natham
21	Municipal Natham	VACANT SITE	98.34	Nethaj Raod	Natham
22	Municipal Natham	VACANT SITE	409.2	Nethaji Road	Natham
23	Municipal Natham	VACANT SITE	187.51	Vadivaikkal bridge south east	Natham
24	Municipal Natham	VACANT SITE	74.56	Kooks Road Begining	Natham
25	Municipal Natham	VACANT SITE	3893.4	Kooks Road Beginning	Natham
26	Municipal Natham	VACANT SITE	137.19	Lane laoding to Sunnakkar	Natham
27	Municipal Natham	VACANT SITE	29.66	Lane Laoding Sunnambukkar st	Natham
28	Municipal Natham	VACANT SITE	50.32	Lane Loading to Sunnambukkar st	Natham
29	Municipal Natham	VACANT SITE	46.46	Lane laoding to Sunnambukkar st	Natham
30	Municipal Natham	VACANT SITE	21.3	Lane laoding to Sunnambukkar st	natham
31	Municipal Natham	VACANT SITE	39.94	Lane laoding to Sunnambukkar st	Natham



Sl.No	PROP_DESC	SUBGROUP	AREA sm	LOCATION	LAND_STATUS
32	Municipal Natham	VACANT SITE	9.55	Sattaiyappar east st	Natham
33	Municipal Natham	VACANT SITE	4.83	Perumbukkar st	Natham
34	Municipal Natham	VACANT SITE	4.83	Perumbukkaran st	Natham
35	Municipal Natham	VACANT SITE	45.36	Kottaivasal st Mela	Natham
36	Municipal Natham	VACANT SITE	864	Annappettai	Natham
37	Municipal Natham	VACANT SITE	108.48	Akkaraikulam North East	Natham
38	Municipal Natham	VACANT SITE	987.14	Uppanar side	Natham
39	Municipal Natham	VACANT SITE	3763.13	Resi. opp. toVijayalakshmi Theatre	Natham
40	Municipal Natham	VACANT SITE	2.75	Ganesh Theatre	Natham
41	Municipal Natham	VACANT SITE	301.56	Bharathi Market inside Vaikkal	Natham
42	Municipal Natham	VACANT SITE	1635.99	Eest side	Natham
43	Municipal Natham	VACANT SITE	140	Kottupalayam st	Natham
44	Municipal Natham	VACANT SITE	382.55	Kottupalaym st	Natham
45	Municipal Natham	VACANT SITE	1443.25	Kuppaimeedu Marunthukotthalam west side	Natham
46	Municipal Natham	VACANT SITE	880	Sanittary quavters Road	Natham
47	Municipal Natham	VACANT SITE	27.64	Sattaiyappar kovil (s) Street	Natham
48	Municipal Natham	VACANT SITE	106.15	Sattaiyappar kovil (E) Street	Natham
49	Municipal Natham	VACANT SITE	170.61	Naduvar kovil East st.	Natham
50	Municipal Natham	VACANT SITE	30.21	Naduvar kavil East st.	Natham
51	Municipal Natham	VACANT SITE	136.36	Naduvar kovil East st	Natham
52	Municipal Natham	VACANT SITE	142.42	Naduvar kovil East st.	Natham
53	Municipal Natham	VACANT SITE	383.56	Naduvar kovil East st	Natham
54	Municipal Natham	VACANT SITE	435.62	Pillaiyar kovil st.	Natham
55	Municipal Natham	VACANT SITE	303.85	Neala South st	Natham
56	Municipal Natham	VACANT SITE	71.62	Neala Temple South side Hospital	Natham
57	Municipal Natham	VACANT SITE	667.21	Neala Temple South side Hospital	Natham
58	Municipal Natham	VACANT SITE	153.99	Neala Temple South Side Hospital	Natham
59	Municipal Natham	VACANT SITE	119.52	Neala Temple South Side Hospital	Natham
60	Municipal Natham	VACANT SITE	120.38	Neala Temple South Side Hospital	Natham
61	Municipal Natham	VACANT SITE	172.91	Neala Temple South Side Hospital	Natham
62	Municipal Natham	VACANT SITE	200.36	Mariyamman kovil st.	Natham
63	Municipal Natham	VACANT SITE	215.48	Perumal kovil st	Natham
64	Municipal Natham	VACANT SITE	19288.24	New Bus stand	Natham
65	Municipal Natham	VACANT SITE	548.66	New Bus stand	Natham
66	Municipal Natham	VACANT SITE	20600	Vellarika mandapam	Natham
67	Municipal Natham	VACANT SITE	1200	Natham Kooks Road	Natham
68	Municipal Natham	VACANT SITE	6860.78	Natham Kooks Road	Natham
69	Municipal Natham	VACANT SITE	11.92	Near Raja Kaliamman kovil tank.	Natham
70	Municipal Natham	VACANT SITE	345.55	Dhagakulam vadakaria	Natham
71	Municipal Natham	VACANT SITE	121.34	Pannal kollai	Natham
72	Municipal Natham	VACANT SITE	394.3	Sivan kovil south street	Natham
73	Municipal Natham	VACANT SITE	255.06	Mela Nagore Raod	Natham
74	Municipal Natham	VACANT SITE	151.97	Mela Nagore Road	Natham



Sl.No	PROP_DESC	SUBGROUP	AREA sm	LOCATION	LAND_STATUS
			<b>70966.75</b>		
1	Municipality Kulam		1295	Ramanaiykar Thottam & Kulam	Kulam
2	Municipality Kulam		7311	Ramanaiyakan Kulam	Kulam
3	Municipality Kulam		260.5	Municipality Akkarai Kulam	Kulam
4	Municipality Kulam		46680	Akarai Kulam	Kulam
5	Municipality Kulam		2758	Municipality Kulam	Kulam
6	Municipality Kulam		356	Municipality Kuttai	Kulam
7	Municipality Kulam		9,690	Gandhi Nagar Kulam	Kulam
8	Municipality Kulam		1010	Gopala Pillaiyar Kulam	Kulam
9	Municipality Kulam		6,056	Paraiyan Kulam	Kulam
10	Municipality Kulam		31,556	Thamarai Kulam	Kulam
11	Municipality Kulam		3732	Municipality Kulam	Kulam
12	Municipality Kulam		5048	Kusavan Kulam	Kulam
13	Municipality Kulam		3040	Municipal Kulam	Kulam
			<b>118792.00</b>		
1	Municipality space		474	New Bus stand-	Cycle stand
2	Municipality space		387	Vacant land Near Old bus stand, Nagai	Office
3	Municipality space		7755	Bharathi market	Market
4	Municipality space		502	Rest room Nagai	Office
5	Municipality space		423	Nagoor - Municipal rest room	Office
6	Municipality space		7804	Park - Kodimaram	Park
7	Municipality space		840	Park - thambithurai	Park
			<b>18185.00</b>		

## Summary of Land Assets

Sl.No	Particulars	No of Sites	Area in SM
	<b>Basic Amenities</b>	<b>13</b>	<b>118792</b>
1	Water Bodies	13	118792.00
2	Toilets		
	<b>Social</b>	<b>0</b>	<b>0</b>
3	Burial Ground		
4	Parks	2	8787.8
5	Play ground	6	1082.56
6	Open space	74	70966.75
7	Open space*	7	18185.00
	<b>Total</b>	<b>102</b>	<b>217814</b>

\*Not shown in Schedule I. Based on list obtained separately from the municipality



**Annexure IX**

**Building assets**

Sl.No	BUILD_NAME	SITE AREA	BUILD AREA	LOCATION	BUILD_STATUS
		In Sm			
	<b>Social</b>				
1	Nogere Dispensary	170	170	Nagore	Dispensary
2	Vaccination Shed	11	11	Nagore	Dispensary
3	Laterine	20	18	Nagore	Dispensary
4	Cholora Shed	14	13.5	Nagore	Dispensary
5	Cholora Shed	14.5	4	Nagapattinam	Dispensary
6	Small Pox Shed	13	12	Nagapattinam	Dispensary
7	Public Health Centre	170	170	Nagapatiinam	Dispensary
8	Public Health Centre	185	170	Nagore	Dispensary
		<b>597.5</b>	<b>568.5</b>		
	<b>Noon Meal Centres</b>				
1	Noon Meal Centre	38	36	B Block	Noon Meal Centres
2	Noon-Meal Centre	20	18	Manickan Chettiyar School, Nagore	Noon Meal Centres
3	Noon-Meal Centre	20	15	Kosha Palli, Nagore	Noon Meal Centres
4	Noon-Meal Centre	25	20	Maiyah St. Nagaore	Noon Meal Centres
5	Noon-Meal Centre	20	18	Perumal East St. Nagore	Noon Meal Centres
6	Noon Meal Centres	15	10	Palapannaicherry, Nagore.	Noon Meal Centres
7	Noon-Meal Centre	35	30	Kadambady, Nagapattinam	Noon Meal Centres
8	Noon-Meal Centre	20	18	Nellukadai St. Nagapattinam	Noon Meal Centres
9	Noon-Meal Centre	20	15	Kosha palli, Nagapattinam	Noon Meal Centres
10	Noon-Meal Centre	26	16	Vetha Chetty St. Nagapattinam	Noon Meal Centres
11	Noon-Meal Centre	60	48	Kallukara St. Nagapattinam.	Noon Meal Centres
12	Noon-Meal Centre	25	18	Marunthukothalam Kaliyamman St. Nagai	Noon Meal Centres
13	Noon-Meal Centre	13	12	Mela Kottaivasal St.	Noon Meal Centres
14	Noon-Meal Centre	16	10	Keeraikollai St,	Noon Meal Centres
15	Noon-Meal Centre	25	21	Kottaimattu St	Noon Meal Centres
16	Noon-Meal Centre	20	15	Pattinacherry Nagore	Noon Meal Centres
17	Noon Meal Centre	25	20	Samanthankuppam	Noon Meal Centres
18	Noon Meal Centre	15	12	Nambiyar Nagar	Noon Meal Centres
19	Noon-Meal Centre	30	24	Manickam Chettiar School Nagore	Noon Meal Centres
20	Noon-Meal Centre	25	18	Kosha St. Nagore	Noon Meal Centres
21	Noon-Meal Centre	15	12	Miyah Street	Noon Meal Centres



Sl.No	BUILD_NAME	SITE AREA	BUILD AREA	LOCATION	BUILD_STATUS
22	Noon-Meal Centre	20	15	Perumal East St,	Noon Meal Centres
23	Noon Meal Centre	15	10.5	Kadambady	Noon Meal Centres
24	Noon-Meal Centre	30	21	Nellukadai st, Nagai.	Noon Meal Centres
25	Noon Meal Centre	15	10.5	Kosha Palli	Noon Meal Centres
26	Noon-Meal Centre	20	16	Vedhanayagam chetty st.	Noon Meal Centres
27	Noon-Meal Centre	30	24	New St. Nagai	Noon Meal Centres
28	Noon-Meal Centre	40	36	Kallukara St. Nagai	Noon Meal Centres
29	Noon-Meal Centre	20	12	Marunthukottalam Marriyamman St.	Noon Meal Centres
30	Noon-Meal Centre	15	10	Mela Kottai Vasal	Noon Meal Centres
31	Noon-Meal Centre	25	22	Keeraikollai st.	Noon Meal Centres
32	Noon-Meal Centre	20	12	Kottaimattu st	Noon Meal Centres
33	Noon-Meal Centre	20	10	Sanitary Inspector-I	Noon Meal Centres
34	Noon-Meal Centre	40	30	Sanitary Inspector-II	Noon Meal Centres
35	Noon-Meal Centre	30	24	Marunthukothallam A Block	Noon Meal Centres
36	Noon Meal Centre	60	54	Agastheeswaramsamy sannathi	Noon Meal Centres
37	Noon-Meal Centre	25	20	New Street, Nagapattinam	Noon Mel Centres
38	Noon-Meal Centre	15	8	Palpannaicherry	NoonMeal Centres
		<b>948</b>	<b>741</b>		
	<b>Office Buildings</b>				
1	General Section	7020	341.25	Municipal Office, Kadambady	Office Buildings
2	Engineering & Public Health Section	170	166.17	Municipal Office, Kadambady.	Office Buildings
3	Commissioner Room & Chairman Room	170	166.17	Municipal Office, Kadambady	Office Buildings
4	Commissioner Room & Chairman Room	154	154	Municipal Office, Kadambady	Office Buildings
5	Busstand Dormitory	136	134	Nagore	Sanitary Inspector Room
6	Nagai Bustand	55	52	Nagapattinam	Sanitary Inspector Room
7	Mela Kottaivasal	60	54	Nagapattinam	Sanitary Inspector Room
8	Computer Room	25	23.15	Municipal Office, Kadambady	Meeting Hall
9	Sheep slaughter house	900.37	100	Nagore	Slaughter house
10	Lsolation Room	12	12	Dharmar koil st	Slaughter house
		<b>8702.37</b>	<b>1202.74</b>		
	<b>Schools</b>				
1	Kalukara Street, School	370.45	52	Nagapattinam	Schools
2	Kalukara Street, School	370.45	48	Nagapattinam	Schools
3	Kalukara Street, School	370.45	75	Nagapattinam	Schools
4	Velipalayam Boys School	738.45	190	Nagapattinam	Schools
5	Palpannaicherry, School	638.85	135	Palpannaicherry	Schools



Sl.No	BUILD_NAME	SITE AREA	BUILD AREA	LOCATION	BUILD_STATUS
6	Palpannaicherry, School	638.85	54	Palpannaicherry	Schools
7	Palapannaicherry, School	638.85	48	Palapannaicherry	Schools
8	Palpannaicherry, School	638.85	54	Palpannaicherry	Schools
9	Nambiyar Nagar School	590.98	68	Nagapattinam	Schools
10	Adidravidar School	264.78	50	Nagapattinam	Schools
11	Adidravidar Street	264.78	68	Nagapattinam	Schools
12	Kottaimattu Street	3664.49	60	Nagapattinam	Schools
13	Ariyanattu Street, School	645.72	62	Nagapattinam	Schools
14	Samanthankuppam, School	3593.31	60	Samanthankuppam	Schools
15	Pattinacherry West School	197.49	42	Nagore	Schools
16	Pattinacherry East School	491.08	48	Nagore	Schools
17	Kosha School	491.08	150	Nagore	Schools
18	Kosha School	556.59	70	Nagore	Schools
19	`Hindu Girl High School	1618.77	365	Nagapattinam	Schools
20	Hindu Girls High School	276.49	177	Velipalayam	Schools
21	Boys school at Kadambadi	2730.2	60	Kadambadi	Schools
22	Boys School at Kadambadi	2730.2	60	Kadambadi	Schools
23	Boys School at Kadambadi	2730.2	54	Kadambadi	Schools
24	Boys School at Kadambadi	2730.2	48	Kadamabaid	Schools
25	Mohamathiyar Boys School	966.72	125	Nagore	Schools
26	Green Street School	517	110	Nagapattinam	Schools
27	Kalukara Street, School	370.45	60	Nagapattinam	Schools
		<b>29835.73</b>	<b>2393</b>		
	<b>Remunaraive</b>				
1	20Nos. Shop at Old Bus-stand	450	448.03	Nagapattinam	Shops
2	10 Shops at Azad Market	120	109.09	Nagapattinam	Shops
3	7. SHops at Gandhi Market	65	60.84	Nagapattinam	Shops
4	9 Shops at Reservoirsite	85	78.21	Nagapattinam	Shops
5	4Shops at Gandhi Market	55	45.94	Nagapattinam	Shops
6	Dormitory Building	600	420	Nagore	Shops
7	A,B & C Block at Azad Market	200	180	Nagapattinam	Shops
8	A,B & C Block at Gandhi Market	200	180	Nagapattinam	Shops
9	78 Vegetable Shop shet Bharathi Market	285	270	Nagapattinam	Shops
10	Fish stall, Bharathi Market	110	100	Nagapattinam	Shops
11	Motton Stall Bharathi Market	135	120	Nagapattinam	Shops
12	Taxi Stand	115	110	Nagore	Shops
13	New Bus Stand	3120	3.09	Nagapattinam	Shops
14	Dormitory Block	280	240	Nagapattinam	Shops
		<b>5820</b>	<b>2365.2</b>		



Sl.No	BUILD_NAME	SITE AREA	BUILD AREA	LOCATION	BUILD_STATUS
	<b>Basic Amenities</b>				
1	Public convenience	5.15	5.15	South Nallian Thottam	Toilets
2	Public convenience	5.15	5.15	Sandhaithoppu	Toilets
3	Public convenience	22	18	V.O.C Street	Toilets
4	Public convenience	5.51	5.15	Rly. Stn Road, Velivai	Toilets
5	Public convenience	25	25	Veerikulam	Toilets
6	Public convenience	22	18	Chekkaimudukku	Toilets
7	Public convenience	23	18	Nethaji Road	Toilets
8	Public convenience	20	18	Ramanaikkan Tank St.	Toilets
9	Public convenience	20	18	Ramanaikkan Tank St.	Toilets
10	Public convenience	28	18	Sivan West St.	Toilets
11	Public convenience	72	12	Yanikkattimuddukku, Nagore	Toilets
12	Public convenience	26.5	18	Dharamar koil st.	Toilets
13	Public convenience	10	5.15	Andikulam, Nagore	Toilets
14	Public convenience	8.15	5.15	Andikulam, Nagore	Toilets
15	Public convenience	9.5	5.15	Gandhi Market	Toilets
16	Public convenience	28	18	Marunthukpthalamkattu Naicken st.	Toilets
17	Public convenience	12	5.15	Attaikulam st	Toilets
18	Public convenience	13	5.15	Marunthukothalam st	Toilets
19	Public convenience	125	110	Marunthukothalam st	Toilets
20	Public convenience	25	25	Bharthi Market	Toilets
21	Public convenience	36	25	Vannankulam, Nagore.	Toilets
22	Public convenience	46	40	Mela Pattinacherry	Toilets
23	Public convenience	42	38	New Bus Stand	Toilets
24	Public convenience	96	75	New Bus Stand,	Toilets
25	Public convenience	66	60	New Bus Stand, Nagore.	Toilets
26	Public convenience	67	60	New Bus Stand, Nagore.	Toilets
27	Public convenience	28	18	Thamarai kulam South Bank	Toilets
28	Public convenience	20	18	Pound Thottam	Toilets
29	Public convenience	25	18	Matha koil st, Kottai mettu st,	Toilets
		<b>930.96</b>	<b>709.2</b>		

## Summary of Building Assets

Particulars	No of Buildings	Total area	Plinth area	Utilization
<b>Social</b>	<b>18</b>	<b>9299.87</b>	<b>1771.24</b>	<b>19%</b>
Office Building	10	8702.37	1202.74	14%
Health /Maternity centre	8	597.5	568.5	95%
Noon Meal centre	38	948	741	78%
Schools	27	29835.73	2393	8%
<b>Basic amenities</b>	<b>29</b>	<b>930.96</b>	<b>709.2</b>	<b>76%</b>
Water Bodies				
Toilets	29	930.96	709.2	76%
Remunorative	14	5820	2365.2	41%
<b>Others</b>				
<b>Total</b>	<b>126</b>	<b>46834.56</b>	<b>7979.64</b>	<b>17%</b>

**Annexure X**

**Road Details**

WARD	ROAD LENGTH	
	Length in mtrs	Width in Mets
1.	4269.50	4
2.	3463.00	4
3.	2577.00	4
4.	2096.70	4
5.	3942.00	4
6.	2421.00	4
7.	3505.00	4
8.	3572.90	4
9.	3253.70	4
10.	4221.50	4
11.	8874.10	4
12.	4444.50	4
13.	5105.40	4
14.	7766.70	4
15.	2499.00	5
16.	3738.00	5
17.	3824.10	4
18.	2563.90	5
19.	1175.20	5
20.	2672.00	5
21.	1444.50	3
22.	1875.00	4
23.	1928.00	4
24.	2767.30	4
25.	4098.00	3.5
26.	2486.00	4
27.	2196.00	4
28.	409.00	4
29.	1984.50	4
30.	1779.50	4
31.	1124.70	4
32.	2192.10	5
33.	3289.00	4
34.	1729.80	4
35.	3305.20	4
36.	2759.60	5



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**Disclaimer:** *The report is based on information collected by IMaCS from sources believed to be reliable. While all reasonable care has been taken to ensure that the information contained herein is not untrue or misleading, IMaCS is not responsible for any losses that the client may incur from the use of this report or its contents. The assessment is based on information that is currently available and is liable to change. The analysis that follows should not be construed to be a credit rating assigned by ICRA's Rating Division for any of the company's debt instruments. IMaCS is not a legal firm and our advice/recommendations should not be construed as legal advice on any issue.*

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