AUTHORISATION FOR “INTEGRATED MUNICIPAL SOLID WASTE MANAGEMENT FACILITY” AT SY. NO. 20/1(P), 20/2(P) & 20/3-A (P), BAIGUINIM VILLAGE OF TISWADI TALUKA.

FORM III
(See rule 6(2))


The Goa State Pollution Control Board after examining the proposal hereby authorize the Commissioner, Corporation of the City of Panaji having their administrative office at Panaji, Goa to Construct & Operate the Integrated Municipal Solid Waste Management Facility at Baiguinim Village of Tiswadi Taluka of 100 TPD capacity including Sanitary Landfill of 10 TPD capacity on the terms and conditions (including the standards to comply) attached to this authorization letter.

1. The Municipal Council should organize house to house collection of segregated waste on regular pre-informed timings.

2. The Municipal Council should establish composting unit/units for treatment of biodegradable waste in compliance of the provisions of the Solid Wastes (Management & Handling) Rules, 2016 and as per the guidelines issued by the Central Pollution Control Board.

3. The Composting units should be constructed on raised cement concrete platforms so that leachate from the units does not escape onto the surrounding ground.

4. The Municipal Councils should establish a landfill at the site in compliance of the provisions of the Solid Wastes (Management & Handling) Rules, 2016 and as per the guidelines issued by the Central Pollution Control Board.

5. No Solid waste as well as leachate from the Municipal Solid waste Management Facility shall be allowed to escape from the waste processing/waste disposal facility.

6. No foul / offensive odour should emanate from the treatment facility.

7. Only inert material should be used for land filling.
8. The dry waste collected shall be manually sorted into various sections like glass, paper plastic, metal etc.

9. Recyclable waste shall be given to the recyclers.

10. Facilities like baling, shredding are proposed for dry waste.

11. The wet waste from hotels, household market places etc shall be pressed in the extruder and bio gas technology. The waste water shall be treated in ETP and shall be used for floor washing & gardening and the bio-gas generated shall be utilized for generation of electricity.

12. Separate provision shall be made for storage of the constructions debris.

13. The separate provision shall be made for temporary storage of the e-waste.

14. The tree barrier of 30 mts shall be provided.

15. There should be adequate drainage system so as to prevent any storm water from entering into the premises of the waste processing/waste disposal facility.

16. Wastes subjected to land filling shall be compacted in thin layers using landfill compactors to achieve high density of the wastes. In high rainfall areas where heavy compactors cannot be used alternative measures shall be adopted.

17. Wastes shall be covered immediately or at the end of each working day with minimum 10 cm of soil, inert debris or construction material till such time waste processing facilities for composting or recycling or energy recovery are set up as per Schedule I.

18. Prior to the commencement of monsoon season, an intermediate cover of 40-65 cm thickness of soil shall be placed on the landfill with proper compaction and grading to prevent infiltration during monsoon. Proper drainage beams shall be constructed to divert run-off away from the active cell of the landfill.

19. After completion of landfill, a final cover shall be designed to minimize infiltration and erosion. The final cover shall meet the following specifications, namely:-
   a. The final cover shall have a barrier soil layer comprising of 60 cms of clay or amended soil with permeability coefficient less than 1x10-7 cm/sec.
   b. On top of the barrier soil layer, there shall be a drainage layer of 15 cm.
   c. On top of the drainage layer, there shall be a vegetative layer of 45 cm: to support natural plant growth and to minimize erosion.

20. The Commissioner, Corporation of the City of Panaji, shall take the following measures for preventing the water pollution problems caused during landfill operations:-
   a. Diversion of storm water drains to minimize leachate generation and prevent pollution of surface water and also for avoiding flooding and creation of marshy conditions;
   b. Construction of a non-permeable lining system at the base and walls of waste disposal area. For landfill receiving residues of waste processing facilities or
<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Parameters</th>
<th>Acceptable Levels</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sulphur Dioxide</td>
<td>120 µg/m³ (24 hours)</td>
</tr>
<tr>
<td>2</td>
<td>Suspended Particulate Matter</td>
<td>500 µg/m³ (24 hours)</td>
</tr>
<tr>
<td>3</td>
<td>Methane</td>
<td>Not to exceed 25% of the lower explosive limit (equivalent to 650 mg/m³)</td>
</tr>
<tr>
<td>4</td>
<td>Ammonia daily average (Sample duration 24 hours)</td>
<td>0.4 mg/ m³ (400 µg/m³)</td>
</tr>
</tbody>
</table>
| 5       | Carbon Monoxide                     | 1 hour average: 2 mg/m³  
8 hours average: 1 mg/m³                                      |
27. The ambient air quality monitoring shall be carried out by the concerned authority as per the following schedule namely:
   a. Six times in a year for cities having population of more than 50 lakhs.
   b. Four times in a year for cities having population between 10 and 50 lakhs.
   c. Two times in a year for town or cities having population between 1 and 10 lakhs.

28. A vegetative cover shall be provided over the completed site in accordance with the following specifications, namely:
   a. Selection of locally adopted non edible perennial plants that are resistant to drought and extreme temperatures shall be allowed to grow.
   b. The plants grown should be such that their roots do not penetrate more than 30cms. This condition shall apply till the landfill is stabilized.
   c. Selected plants shall have ability to thrive on low nutrient soil with minimum nutrient addition.
   d. Plantation to be made in sufficient density to minimize soil erosion.

29. The post-closure care of landfill site shall be conducted for atleast 15 years and long term monitoring or care plan shall consist of the following, namely:
   a. Maintaining the integrity and effectiveness of final cover, making repairs and preventing run-on and run-off from eroding or otherwise damaging the final cover.
   b. Monitoring leachate collection system in accordance with the requirement.
   c. Monitoring of ground water in accordance with the requirements and maintaining ground water quality.
   d. Maintaining and operating the landfill gas collection system to meet the standards.

30. Use of closed landfill sites after 15 years of post closure monitoring can be considered for human settlement or otherwise only after ensuring that gaseous and leachate analysis comply with the specified standards.

31. The proposed HDPE geo-membrane liner should be tested in the laboratory of IIT Mumbai at Powai prior to laying and the testing report should be submitted to Goa State Pollution Control Board.

32. The Corporation of the City of Panaji should inform the progress of the construction of the sanitary landfill at every stage of construction and should obtain approval of the Board on completion of each layer of the landfill.

33. The maintenance of the compost plant should follow the following criteria
   a. Windrow area with impermeable base.
   b. Concrete base or base made of compacted clay.
   c. A 50cm thick base.
   d. Permeability co-efficient: less than 10(-7) cm/sec.
   e. 1-2% slope in the base.
   f. Base circled with lined drains for collection of leachate or surface runoff.
mixed waste or waste having contamination of hazardous material (such as aerosols, bleaches, polishes, batteries, waste oils, paint products and pesticides) minimum liner specifications shall be a composite barrier having 1.5 mm high density polyethylene (HDPE) geo-membrane, or equivalent, overlying 90 cm of soil (clay or amended soil) having permeability coefficient not greater than 1 x 10^-7 cm/sec. the highest level of water tables shall be atleast two meter below the base of clay or amended soil barrier layer;
c. Provisions for management of leachates collection and treatment shall be made. The treated leachates shall meet the standards specified in Schedule IV;
d. Prevention of run-off from landfill area entering any stream, river, lake or pond

21. (Before establishing any landfill site), baseline data of ground water quality in the area shall be collected and kept in record for future reference. The ground water quality within 50 meters of the periphery of landfill site shall be periodically monitored to ensure that the ground water is not contaminated beyond acceptable limit as decided by the Ground Water Board or the State Board. Such monitoring shall be carried out to cover different seasons in a year that is summer, monsoon and post monsoon period and submit the report to the Goa State Pollution Control Board periodically.

22. Usage of ground water in and around landfill site for any purpose (including drinking and irrigation) is to be considered after ensuring its quality. The following specifications for drinking water quality shall apply for monitoring purpose, namely:

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Parameters</th>
<th>IS 10500:1991 Desirable Limit (mg/l, except for pH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Arsenic</td>
<td>0.05</td>
</tr>
<tr>
<td>2</td>
<td>Cadmium</td>
<td>0.01</td>
</tr>
<tr>
<td>3</td>
<td>Chromium</td>
<td>0.05</td>
</tr>
<tr>
<td>4</td>
<td>Copper</td>
<td>0.05</td>
</tr>
<tr>
<td>5</td>
<td>Cyanide</td>
<td>0.05</td>
</tr>
<tr>
<td>6</td>
<td>Lead</td>
<td>0.05</td>
</tr>
<tr>
<td>7</td>
<td>Mercury</td>
<td>0.001</td>
</tr>
<tr>
<td>8</td>
<td>Nickel</td>
<td>-</td>
</tr>
<tr>
<td>9</td>
<td>Nitrate (as NO₃)</td>
<td>45</td>
</tr>
<tr>
<td>10</td>
<td>pH</td>
<td>6.5 – 8.5</td>
</tr>
<tr>
<td>11</td>
<td>Iron</td>
<td>0.3</td>
</tr>
</tbody>
</table>
34. The quality of the compost should be monitored and it should meet the following standards:

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Parameters</th>
<th>Concentration not to exceed* (mg/kg dry. basis, except pH value and C/N ratio)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Arsenic</td>
<td>10.00</td>
</tr>
<tr>
<td>2</td>
<td>Cadmium</td>
<td>5.00</td>
</tr>
<tr>
<td>3</td>
<td>Chromium</td>
<td>50.00</td>
</tr>
<tr>
<td>4</td>
<td>Copper</td>
<td>300.00</td>
</tr>
<tr>
<td>5</td>
<td>Lead</td>
<td>100.00</td>
</tr>
<tr>
<td>6</td>
<td>Mercury</td>
<td>0.15</td>
</tr>
<tr>
<td>7</td>
<td>Nickel</td>
<td>50.00</td>
</tr>
<tr>
<td>8</td>
<td>Zinc</td>
<td>1000.00</td>
</tr>
<tr>
<td>9</td>
<td>C/N ratio</td>
<td>20-40</td>
</tr>
<tr>
<td>10</td>
<td>pH</td>
<td>5.5 – 8.5</td>
</tr>
</tbody>
</table>

* Compost exceeding the above configuration should not be used for food crops.

28. The Goa State Pollution Control Board may, at any time, revoke any of the conditions applicable under the authorization and shall communicate the same in writing.


30. This authorization is granted without any prejudice to any other permission (s) required under any laws, by-laws and regulations in force.

31. The validity of this authorization is till 24/06/2021. The renewal of authorization is to be sought before the expiry of this authorization.

[Signature]
Member Secretary
Goa State Pollution Control Board

To,
The Commissioner
Corporation of the City of Panaji
Panaji - Goa
To,
The Commissioner,  
Corporation of City of Panaji (CCP),  
Panaji, Goa – 403 001.

Sub.: Issuance of Terms of Reference(s) – ToRs’ to conduct EIA study for proposed Solid Waste Management Facility (SWMF) at Baingunim village, Tiswadi Taluka, North Goa district – reg.,

Ref.: Your letter No. CCP/WMC/199/2015 – 16/9123 dated 09/11/2015

Sir,

In continuation to this office letter of even number dated 19th October 2015 and in response to your above-referred letter and as informed, you may like to undertake the EIA study through National Environment Engineering Research Institute – a constituent laboratory of Council of Scientific and Industrial Research, for solid waste management facility proposed at Baingunim. However, it is reiterated that the EIA study be conducted as per the ToR’s issued so as to address the issues mentioned therein.

Kindly acknowledge the receipt of this letter.

Yours faithfully,

(\[Signature\])  
(Dr. Mohan R. Girap)  
Secretary, Goa-SEAC

Copy for favour of information to:


2. Prof. Antonio Jaime Afonso, Chairman, Goa-SEAC, Bairo Foro, St. Istevam, Tiswadi – 403 106.
To,
The Commissioner,
Corporation of City of Panaji (CCP),
Panaji, Goa – 403 001.

Sub.: Issuance of Terms of Reference(s) – ToRs' to conduct EIA study for proposed Solid Waste Management Facility (SWMF) at Bainguniim village, Tiswadi Taluka, North Goa district – reg.,

Ref.: Your letter No. CCP/WMC/199/2015-16/7660 dated 10th August 2015

Sir,

With reference to your application dated 24th September / 8th January 2015 vis-à-vis subsequent submissions made thereafter, the matter pertaining to issuance of Terms of Reference (ToRs*) for conducting the Environment Impact Assessment (EIA) study for setting up of proposed SWMF at Bainguniim village in Tiswadi Taluka (North Goa district) was appraised as per the provision '7(i)-II (i) – Stage (2) - Scooping' of the EIA Notification, 2006. Accordingly, the Goa State Expert Appraisal Committee (Goa-SEAC: hereinafter referred as “Committee”), conducted the site-inspection on 8th January 2015 and was followed by the project-specific presentation by the Project Proponent (PP) during the 30th Committee meeting held on 10th February 2015. Later, based on the compliances submitted on certain project/site-specific observations, matter was discussed / deliberated during 35th / 38th / 40th / 43rd / 46th Committee meetings held on 16th April 2015 / 7th May 2015 / 2nd July 2015 / 28th July 2015 / 3rd September 2015 respectively and finalized during its 51st meeting held on 15th October 2015. Accordingly, the ToRs are enclosed herewith to enable the Project Proponent (PP) to initiate EIA study through NABET / QCI accredited environmental consultants.

Kindly acknowledge the receipt of this letter.

Yours faithfully,

(Dr. Mohan R. Girap)
Secretary, Goa-SEAC

Copy for favour of information to:

1. Member Secretary, Goa State Pollution Control Board, 1st Floor, Dempo Towers, Patto, Panaji, Goa – 403 001.


3. Prof. Antonio Jaime Afonso, Chairman, Goa-SEAC, Bairro Foro, St. Istevam, Tiswadi – 403 106.
Terms of Reference (ToRs)\(^1\) to conduct Environmental Impact Assessment study for setting up of proposed Municipal Solid Waste Management Facility at Bainguinim, Tiswadi Taluka, North Goa.

1.0. Background

This should include profile of the Corporation of City of Panaji (CCP), as a Project Proponent (PP), contact address, Project Consultants for design of the plant as well as Environmental Consultants appointed, if any. (supporting documents may be annexed).

1. The PP must furnish information on any / all similar projects handled / being handled by it in the State of Goa detailing the project stage and clearly spelling out the feasibility thresholds, feeding centres, probable commissioning dates.

2. A special mention must be made of judicial interventions / 'stop work orders', if any, in the ongoing projects of similar scope handled by it. Submissions made by the PP in this regard to the Appellate Authority must be shared with the Goa-SEAC (hereinafter referred as 'Committee')

3. A statement on available / earmarked funding for the proposal must be shared with the Committee. Escalation costs, if any, envisioned through the project period must be accounted for.

4. A statement of justification and 'cost benefit analysis' of 'Saligao/Calangute Solid Waste Management Facility (SSWWMF) vis a vis 'separate discrete facility proposed at Bainguinim' be prepared by the PP, defining the minimum threshold quantum and source of waste for sustainably operationlizing the facilities.

5. Chronologically provide sequence of the project from its initiation till date with reference to administrative approvals taken up by the PP. Describe the geographical location of the proposed facility and its surroundings, capacity, need, goal and objectives for proposed MSWWMF, significance of the project both at local and regional level may be mentioned clearly.

6. Detailed demography / land-use / existing, proposed & approved residential colonies / archaeological sites / World Heritage Monuments / Hospitals (existing and proposed) /perennial lentic and lotic water-bodies surrounding the project-site as well as buffer area of 5 and 10 km radius around the site should be superimposed on a Google imagery at a decipherable scale.

7. A separate plan be prepared delineating the existing / TCP-approved residential colonies / settlement around the boundaries of the proposed facility within a radius of 3 km. (i.e. zone of likely impact).

8. Adequate and rational sensitization of the local stakeholders by the PP on the proposal and sentiments of the local stakeholders towards the proposal, if any, be furnished.

9. PP must furnish primary database on biodiversity inventories based on ground-truthing, and not secondary data available. The biological data shall have to be collected for one cycle covering all seasons.

10. Considering the rich bird diversity of Kadamba plateau region, PP shall study the 'Habitat value' of the proposed site for biodiversity with special reference to the avifaunal diversity.

11. Discuss project location with reference to distance from major landmarks, policy, legal and administrative framework within which the project is set, major stakeholder(s) / Department(s) of the State and Central Government with their specific roles, applicable laws, clearance requirements at various levels of project execution and their current status.
12. Describe in detail if any litigation(s) are pending against the proposed project and/or any directives or ‘orders’ passed by any court of law/statutory authority. In addition, the PP should inform its area of jurisdiction vis-a-vis Appellate Authority to resolve legal disputes, if any.

13. NOC from AAI/Airport within 20 km crow-fly distance and flight tunnel restrictions, if applicable.

2.0. Project Description

Background information for implementation of the project and baseline studies taken up, if any, and overall scenario of the proposed facility in the context of Panaji’s solid waste management issues and challenges, procedures adopted for selection of technology, criteria for site-selection should be discussed.

Following information should be included:

- Panaji specific primary waste characteristics, physical and chemical (preferably, at least for one year with seasonal variation).
- Population/area covered under MSWMF.
- Expected quality/quantity of solid waste (MSW) generated (based on the resident plus floating population).
- Quantity of MSW actually collected (average figure) – details of seasonal variation for actual collection (from secondary sources).
- Methodology for collection of MSW – doorstep collection, segregation at source, community bins, collection from commercial, hotels and office premises, etc.
- Transportation of MSW – type of vehicles (fast or slow moving), frequency of transportation and distance of transportation.

Details of the proposed MSWMF

The information will be sourced from engineering and design studies conducted for the project. This section should contain the following details:

- Land requirement for the facility, including its optimization, break up for various purposes and its availability, if any.
- Details of the following may be furnished –
  - each unit in the facility, with a brief description of its operations.
  - waste collection system – compliance with the statutory requirements and description of proposed operations.
  - proposed protocol for waste acceptance (system for sampling, parameters, analysis methods, time lags, number of people, qualifications, manifest system, etc.)
  - Ultimate disposal of the waste – details of the methodology of disposal including life span and design of the existing/proposed site.
  - existing solid waste dumping scenario on the proposed site.
  - Details of chosen waste treatment process/technology and whether it is in compliance with the applicable law (at present “Municipal Solid Wastes (Management and Handling) Rules, 2000”).
  - Details of safety measures for occupational health
- Mass and Energy Balance flow diagram (step-by-step) for the process technology proposed.

- Energy conversion technology should be clearly detailed out with specifications of the biogas engines and alternators used for this conversion process.

- List of plant(s) and equipment(s) to be set up and vehicles to be used.

- Details on expansion/up gradation of the existing processing facility, if any.

- Source of water and electrical power / details about captive utility of in-plant power generation.

- The quality of compost to be produced and arrangements for marketing of compost.

- Details of the laboratory facilities available for testing, analysis, etc.,

- Specific details on leachate collection system, generation rates, treatment and disposal.

- Details of the landfill operation – filling, layers, equipment, compaction levels, cross-checking mechanism, stability considerations, landfill gas monitoring troubleshooting mechanism, etc.

- Details pertaining to monitoring of test wells within and around the landfill site as per standard procedure, its locations, frequency of monitoring, parameters as prescribed by the CPCB norms, etc.

- Fire detection, suppression and safety & health protection measures during project design and operations.

- Value-added utilization of Refuse Derived Fuel (RDF) to produce electricity and/or traditional sources of fuel in coal power plants or local industries. Its production and quality (Calorific value and C/H ratio) as well as list of promising buyers.

- Proposed financial model, creation of fund for future liabilities till 30 years after closure and its monitoring mechanism.

Provide a Contour map on 1:1000 scale for the study area showing proposed breakup of the land. Detailed layout plan of proposed project development, communication facilities, access/approach roads, landscape, sewage disposal facilities, and waste disposal etc; to be given. Layout plan of proposed development of built up areas with covered construction such as DG-Set rooms, Administrative buildings, Utilities such as Main and Stand-by Power, Water supply installations, location of STP, RWH structures & Green Belt area etc.

3.0. Description of the Environment in the delineated study area

As a primary requirement of EIA process, the proponent should collect baseline data in the project area as well as in the area within 5 km of the proposed project boundary (buffer zone). Map of the study area clearly delineating the location of various monitoring stations (air/ water / soil and noise) superimposed with location of habitats are to be shown. Primary data (baseline data), wherever feasible, should be collected for one season except rainy season. Secondary data should be collected for area within 10 km aerial distance from the project site-boundary, as specifically mentioned at column 9(iii) of Form-I of EIA Notification 2006.
The following components of the environment shall be studied:

3.1. Land Environment

a) Land use / land cover: Data on the land use (conformity with existing development regulation), habitation, and forest cover around the proposed MSWMF ascertained from local authorities, revenue records, etc.

b) Topography: Baseline data needs to be given on existing situation of the land at the proposed project area, including description of plateau features, terrain analysis, slope and elevation, microclimatic factors.

c) Geology: Baseline data should be provided on rock types, regional tectonic setting and history of any seismicity and associated hazards. Information on distance of quarries/excavation, if any, from habitat, restrictions for cutting / filling, environmental controls, etc., should be provided.

d) Soil: Data including type, stratification (soil profile), characteristics, soil properties, porosity and permeability, inherent fertility etc. are important from engineering considerations for design of structures like landfills, green belt development, etc should be submitted. The current level of soil and water contamination, if any, due to existing dumps need to be ascertained.

3.2. Water Environment

a) Groundwater: Baseline data on groundwater sources (springs, open-dug wells, bore wells), including data on depth (groundwater table), physico-chemical parameters is to be collected at least for one season.

b) Surface water: Baseline data on location of surface lentic and lotic water sources details such as their present quality and utility, if any. Details of water bodies present within the project area and 5kms. surrounding the site-boundary should be provided.

c) Prepare an existing drainage map on a topsheet of the site with 1.5 km surrounding with natural surface drainage flow points.

d) Estimate water intake requirements for the project and identify the source of water to be used (provide water balance table). Ground water budgeting, if being used, has to be provided. Rainwater harvesting (if proposed) to be detailed out.

e) Quantity of wastewater generated during construction and operational phase and details of its treatment and disposal is to be provided.

f) Detail of quality of water in storm-water drainage around existing dumping location.

3.3. Biological Environment

a) Terrestrial ecology: Inventory of Flora and Fauna based on primary data in the study area as well as that within 10km of its boundary, shall be included in the list of flora and fauna along with classification as per the schedule given in the Wildlife Protection Act, 1972 (for fauna) and in the Red Book Data (flora). Also, a statement clearly specifying whether the study area forms a part of an ecologically sensitive area should be provided. In the event of occurrence of any scheduled-I species, as per IWPA, 1972, a conservation plan be prepared in consultation with and authenticated by the Chief Wildlife Warden (CWW), Govt. of Goa.

b) A particular emphasis be laid down on avifaunal diversity highlighting the raptors and scavenging birds at the existing site, besides the forest bird species of the general plateau around the area within a radius of 10km.

c) In the water bodies within 5 kms. of crow-fly distance surrounding the site-boundary, excluding the marine realm; an inventory of fresh-water biodiversity to be compiled with emphasis on ichthyofauna and waders, if any.
d) Inventory of Agro-biodiversity within 5 kms buffer zone highlighting local cultivars, if any.

c) Designated Wildlife protected areas / Natural habitat of any IWPA scheduled species, if any, within 10-km radius of project boundary be brought on record.

3.4. Air Environment:

Climatological data is to be obtained from nearest Indian Meteorological Department (IMD) station for one full year. Micro meteorological data consisting of wind speed, wind direction, temperature, cloud cover, (amount and height), humidity, inversions, rainfall (peak and average daily rainfall) and wind rose patterns, from primary and secondary sources in the study area.

Baseline data of air pollutant parameters extending an area of 10 Km from the project should be monitored at a number of locations. Description of base line data of ambient air parameters namely PM$_{10}$ and PM$_{2.5}$, oxides of Nitrogen (NOx), Sulphur dioxide, and carbon monoxide are to be collected. One season data is to be monitored other than monsoon as per the CPCB Norms. Sampling locations are to be located as per CPCB norms.

3.5. Noise: Baseline data on noise pollution at the project area and the neighbourhood residential areas is to be monitored as per the CPCB norms.

3.6. Socio-Economic and Occupational Health Environments: Baseline data at the project area shall include the demography of the village panchayat at the project site, existing residential projects around the proposed site, existing infrastructure facilities in the proposed area and anticipated area of impact due to the proposed activity. This should be clearly demarcated on a map denoting the existing and proposed project within 1.5 km around the project site.

4.0. Anticipated Environmental Impacts and Mitigation Measures

This section should describe the likely impact of the project on each of the environmental parameters of Land Environment (Topography, Geology and Soil), Water Environment (Groundwater and surface water), Biological Environment, and Air Environment. The methods adopted / proposed to be adopted for assessing the impact such as model studies, empirical methods, reference to existing similar situations, and reference to previous studies should be discussed in detail. Details of specific mitigation methods to reduce adverse effects of the project, best environmental practices and conservation of natural resources should be detailed out of each of the parameters. A separate dedicated technical section on 'Odor emanation, mitigation & management' shall be written by an accredited domain-expert, defining the budgetary outlay for the purpose.

This should include proposed measures for fire detection, suppression and occupational safety and health protection measures during project design and operations, scheme for storm water management within and around the proposed facility, details on impacts of landfill gases and its preventive measures, as per CPCB norms and action plan for green belt development, including the details of species, width of plantation, height & density and planning schedule as per CPCB norms.
PP shall give special attention to the menace of insect and rodent vector breeding at the site and around it. In view of this apprehension; an inventory of arthropod and rodent species of pest/vector value shall be prepared by PP based on ground-truthing. Control measures shall be spelt out.

A detailed discussion should also be included for socio-economic and health Environment for resident population anticipated living around the project site with detailing of specific details on odour, noise and transportation. Impact of the project on socio-cultural and tourism aspects should be assessed with details of realistic and implementable Odour control measures and technology submitted.

**Environmental Monitoring Program**

- Frequency, location, parameters of monitoring air, water, noise and soil during operation of SWMF.
- Compilation and analysis of data and reporting system in a discrete EMP document.

**Institutional arrangement** by PP to implement mitigation measures shall be identified and steps to strengthen or expand existing arrangements, if required, shall be proposed. A detailed responsibility chart to be included for mitigation measures for construction and operational phase of the project and for any disaster mitigation.

**Project Benefits** - This section should detail out the positive impacts of the MSWMF including improvements in physical infrastructure, if any.

**5.0 Public Hearing and Stakeholder Consultations** shall be conducted, if applicable, including community consultations at the affected community levels. The objective of the consultation sessions shall be to improve project components with regard to proper environmental management.

Issues identified by the public and other stakeholders during public hearings along with the issues raised by the public and the appropriate responses of the project proponent should be included in the final EIA report.

**6.0 Environmental Management Plans (EMPs)**

Based on the impacts predicted, EMPs shall be prepared to fulfill all requirements of GoI, MoEF and GoG. The scope of EMPs shall include:

- Recommendation of feasible and cost-effective measures to prevent or reduce significant negative impacts to acceptable levels.
- Description of implementation arrangement needed for the project.
- Specification of environmental supervision, monitoring and auditing requirements, including the technical aspects of monitoring the effectiveness of mitigation measures (including measurement methodologies, data analysis, reporting schedules, emergency procedures, detailed budget & procurement schedules).
- Summary matrix of environmental monitoring, during construction and operation stages, along with the requirement of monitoring facilities, frequency, location, parameters of monitoring, compilation and analysis of data, comparison with base line data, compliance to accepted norms and reporting system, and plantation monitoring program.
• Post-closure plan for landfill site, if any.

• Listing of all the mandatory government clearance conditions, and the status of procuring clearances.

7.0 Executive Summary (Summary EIA)

This should be a summary of the EIA report condensed to 10 A-4 size pages. It should necessarily cover in brief the following chapters of the EIA report: Introduction, Project Description, and Description of the Environment, Anticipated Environmental Impacts & Mitigation Measures, Additional Studies, Environmental Monitoring Programme / Project benefits, and Environmental Management Plan (EMP).

Such an Executive Summary may be required during public hearing process, as applicable, for distribution to public on demand. If required, it has to be translated into a local language(s).

8.0 Disclosure of Consultant Engaged

This shall include the names of the consultants engaged with their brief resume and nature of consultancy rendered.

The following general points should be noted:

• All documents should be properly indexed, page numbered.

• Period/date of data collection should be clearly indicated.

• While preparing the EIA report, the instructions for the proponents and instructions for the consultants issued by MoEF vide O.M. No. J-11013/41/2006-IA.II (I) dated 4th August, 2009 and 5th October 2011, which are available on the website of the Ministry, should also be followed.

• The consultants involved in the preparation of EIA/EMP report after accreditation with Quality Council of India (QCI) / National Accreditation Board of Education and Training (NABET) would need to include a certificate in this regard in the EIA/EMP reports prepared by them and data provided by other organization / Laboratories including their status of approvals etc. In this regard circular no. F. No. J-11013/77/2004-IA-I(I) dated 2nd December, 2009, 18th March 2010, 28th May 2010, 28th June 2010 and 30th September 2011 posted on the Ministry’s website http://www.moef.nic.in may be referred.

• After the preparation of the draft (as per the generic structure prescribed in Appendix –III of the EIA Notification, 2006) covering the above mentioned TORs', the project proponent shall get the Public Hearing conducted, if applicable, and take further necessary action for obtaining prior environmental clearance (EC) in accordance with the procedure prescribed under the EIA Notification, 2006.

• The copy of the letter received from the Committee on the TORs’ prescribed for the project should be attached as an annexure to the final EIA-EMP report. The compliance statement of TORs’ prescribed should also be incorporated.
CORPORATION OF THE CITY OF PANAJI
PANAJI GOA

MINUTES OF ORDINARY MEETING OF THE CORPORATION CONVENE BY THE HON.
MAYOR ON 30.10.2012 AT 4.00 P.M. IN THE CORPORATION HALL.

Quorum:
1. Smt. Valadehl V. Naik – Mayor
2. Shri Tony Rodrigues – Dy. Mayor
3. Shri Nazareth Cabral – Councillor
4. Smt. Margarida C. Fernandes – Councillor
5. Smt. Sheetal D. Naik – Councillor
6. Shri Bento Lorena – Councillor
7. Smt. Shweta Lotlikar – Councillor
8. Shri Surendra Furtado – Councillor
9. Smt. Ruth Furtado – Councillor
10. Shri Kabir Pinto Makhija – Councillor
11. Smt. Bharati P. Heble – Councillor
12. Shri Shekhar Ek Nath Degvekar – Councillor
13. Shri Yatin Parekh – Councillor
14. Smt. Pascoela Mascarenhas – Councillor
15. Shri Prajot Valankar – Councillor
16. Shri Ratnakar Shambu Fataparker – Councillor
17. Smt. Maria Rita Fernandes – Councillor
18. Shri Krishna Shirodkar – Councillor
19. Shri Gangaram Kale – Councillor
20. Smt. Mayi R. Talekar – Councillor
21. Shri Rudresh Chodankar – Councillor
22. Smt. Diksha D. Mayankar – Councillor
23. Smt. Shubhada P. Dhond – Councillor
24. Shri Edward F. Jorge – Councillor
25. Shri Shubham G. Chodankar – Councillor
26. Smt. Nivedita S. N. Chopdekar – Councillor
27. Smt. Pratima P. Hoble – Councillor
28. Smt. Vivina Nasnodkar – Councillor
29. Smt. Patricia Pinto – co-opted Councillor
30. Shri Menino da Cruz – co-opted Councillor

The Hon. Mayor welcomed the members present and declared the meeting open. Before proceeding with the agenda items Hon. Councillor Shri Surendra Furtado sought to know the action being taken on un-hygienic conditions prevailing at Campal grounds due to dumping of garbage by the CCP stating that even though crores of money have been sanctioned by the Corporation for the Bainquirim Plant no improvement is seen and that housing colonies in the vicinity including hospital, school are most affected. He stated that even though ‘IFFI’ a mega event was round the corner, the un-healthy conditions at the Parade ground continues.

Hon. Councillor Shri Kabir Makhija also stated that he has been requesting the Mayor on this subject since the last several months and no action has been taken in this regard. He further stated that the area especially the Karimabad Housing Colony residents have been constantly complaining of the unbearable stench and the
ward Councillor has been personally visiting the site and verified the ground where garbage is being dumped right outside a prayer hall of the Karimabad House Society and such dumping right in the heart of the city was not acceptable. The Mayor has also been repeatedly apprised of this situation but with no solution to the problem, the condition persists even despite High Court Orders in this regard. Shri Kabir demanded from the Mayor a clear cut solution, a time frame / deadline to the problem.

Shri Kabir further sought to know as to why his letter in regard to exhibitions being held in city areas that was requested to be tabled at today’s meeting was not listed on the agenda. Hon. Mayor clarified that as already resolved by the Corporation in one of its earlier meetings commercial exhibitions were banned in the city; however, exhibitions that are sponsored/supported by the Government would be permitted. However, the clarification given by the Mayor was not acceptable to Shri Kabir who stated that exhibitions are time and again being held under the banner of Government exhibitions and desired that the matter be brought on the agenda at the next meeting and clear cut decision adopted by the Corporation.

Replying to the clarification on garbage at the Parade grounds the Hon. Mayor stated that she is very much aware of this problem as also the conditions in other parts of the city, however, the same is controlled to a great extent since the last few months; however, this grave problem which is being faced since the past many years cannot be set in place so suddenly.

At the instance of the Hon. Mayor, the Commissioner cautioned the Hon. Councillors on the allegations stating that from the time he has taken over as Commissioner no member had approached him with any suggestions/ideas pertaining to waste management in their respective wards. No support was being received from Councillors, especially in creating awareness in segregation in their respective wards and certain Councillors are not aware of how the problem is being tackled by the Solid Waste Management Cell. Replying to the allegations on the Baingulnim project, the Commissioner informed that a lot of effort, procedural formalities have to be looked into as regards to the technicalities of the project and that the Baingulnim proposal is
not a snap of a finger solution. A technical presentation in this regard has already been made to the Government and further procedures were being carried out.

Method to put an end to garbage will not evolve by shouting and allegations, but by teamwork, joining hands together and taking charge of the wards entrusted. The Commissioner requested all the 30 ward Councillors to come up with solutions/suggestions in this regard. He further stated that 100% segregation in city areas, is not being done which leads to situations as faced in Campal. The Corporation was also informed that time and again various problems crop up eg. shortage of saw dust to treat wet waste on day to day basis hence, an hour to hour monitoring is required, substitution of labour on duty in case of absence, and other such practical difficulties faced by the Waste management team who are putting in tireless efforts and the Corporation is doing its utmost in the current scenario.


   The minutes of the Ordinary meeting dated 27.09.2012 was unanimously approved by the Corporation.

2. Market issue – req. completion of survey works of 1st floor Phase 1 and Phase II for information.

Before proceeding with the matter, Hon. Councillor Shri Rudresh Chodankar requested the Commissioner to brief the Hon. Councillors on the stages of the market since its inception, ownership of the land, how the market was built and its funding whether Govt. grant/loan as some of the Councillors being new to the Corporation needed to be acquainted with these facts. After a short brief as regards to the ownership of land which partly belonged to the CCP and the Health Dept., demolition of old market, construction stages of the 1st & 2nd phase, survey of traders, shifting, classification of traders category-wise etc. was explained to the Hon. Councillors. The Commissioner informed that all related information on the survey carried out has been compiled and kept on display at the Offices of the Mayor and suggested that the Councillors may provide their email id at the CCP Office so that the required information could be made accessible.

Shri Rudresh Chodankar Hon. Councillor sought entire data on the subject stating that the issue requires time for study and decisions cannot be hastily
taken and thus requested the Mayor for a Special meeting to be held on this sub, only after Diwali. In the meantime he requested the Commissioner to take legal advi and submit the entire report together with the original list also. Hon. Councillor Sh Surendra Furtado was also of the opinion that the matter should not be delayed further and a meeting to this effect be held after Diwali. The Hon. Mayor stressed on the urgency of resolving the long pending issue at the earliest, since the losses to the CCP amounts to crores of outstanding money by the market tenants.

3. Proposal for Special allowance to Sanitation workers working at the Patto Plant site.

The Corporation has set up bulk composting facility centre for Solid Waste Management at Patto. The working condition at the site is extremely challenging and requires great commitment from the workers. Considering the limitations on availability of sanitation workers for the said job, the Corporation is forced to engage the existing labour for longer periods without any rotation. Secondly, workers from other sections are also unwilling to work at the said site. This results in workers not reporting for duty and day to day work suffers.

It is therefore proposed that the sanitation workers working on processing of hotel waste facility be considered for a special incentive of Rs. 1000/- p.m. the financial implication being Rs. 78,000/- p.m.

The Corporation unanimously approved the above proposal for a special incentive of Rs. 1,000/- per worker per month, in including Supervisors working on processing of hotel waste facility at Patto site, with effect from November 2012. The incentive granted will be applicable to the worker on certification that the said worker is regular and not absent for the entire month. Budgetary provision to be made in the forthcoming budget estimates.

Hon. Councillor Shri Bento Lorena moved a proposal that proper sanitation facilities including medical check should be made compulsory so as to motivate the workers which was agreed and accepted by the Mayor and Commissioner since these class of workers serve better than any other workers of the CCP.
4. Proposal for acquiring additional land bearing survey no. 31/1, 34/1-C and 34/1-C-1 of Village Goalmoula, Tiswadi Taluka and at Village Bainguinim for integrated Solid Waste Management facility.

The Corporation has acquired land admeasuring 1,71,312 sq.mts. at Bainguinim village, Tiswadi Taluka. The area reserved from the acquired land area for green buffer, setback area along the fort wall, roads, setback to the existing water pipeline etc. is approximately 95,700 sq.mts. and the area available for the processing facilities is only 75,612 sq.mts.

In view of the above, considering the area reserved and increase in the growth of the city and demand for meeting the future requirement it is proposed to acquire additional land area admeasuring 1,40,000 sq.mts. adjoining the acquired property. The said acquisition would also provide independent access to the property. The area proposed to be acquired has also been shown in the RP 2021 for garbage management.

The Corporation unanimously approved the above proposal for acquiring additional land admeasuring 1,40,000 sq.mts. bearing survey no. 31/1, 34/1-C, and 34/1-C-1, adjoining the acquired property at Bainguinim village. Proposal to be forwarded to the Government.

5. Accounts of CCP in IndusInd Bank, Panaji.

Corporation holds two accounts in the IndusInd Bank, Panaji which were operational at the time of establishing the New Municipal Market. Though these two Accounts appear in the records of the Bank, details of these Accounts are not traceable except Account Nos.0088-772000-050 and 0088-772001-050. It is seen some correspondence was exchanged with the Bank earlier, but no clear answer is received from the Bank. In one case the Bank clarified that the officials of CCP had enquired for opening an account for CCP-New Market for shop tax collection and towards toilet collection fees of Panaji Municipal Market Phase I as part of the direct collection taxes M.O.U. it had with CCP. As these amounts were to be accounted for separately, the Bank had opened separate accounts to accept and account for these amounts separately.
This Corporation had already signed an agreement with IndusInd Bank for direct collection of House Tax, for which the Corporation had initially paid a substantial amount to start this facility. It is proposed to restart this facility with the Bank so as to ease the rush of public for payments at CCP counter.

After detailed discussion it was proposed to direct the Bank to re-start the house tax collection facility and maintain only one head of account and the other two heads of accounts to be closed.

6. **Estimate for proposed improvement of ground by converting the overhead system to UG at St. Mary’s Colony Miramar, Panjim.**

The estimate for converting overhead system to underground in order to maintain un-interrupted power supply in St. Mary’s colony estimated at Rs. 4,25,022/- was submitted by the Electricity Dept. at the request of Hon. Councillor Shri Surendra Furtado, and approved by the Standing Committee in its meeting 5.6.2012.

However revised estimates have now been submitted by the Electricity Dept. enhancing the amount to Rs. 7,05,299/- for which the additional amount of Rs. 2,80,273/- is placed for approval of the Corporation.

The Corporation unanimously accorded its sanction for additional amount of Rs. 2,80,273/- to complete the work of improvement of ground by converting overhead system to underground at St. Mary’s Colony, Miramar.

7. **Proposal for Govt. support to Bainguinim project through B.O.T. or B.O.O.T. basis.**

The Commissioner informed the Corporation that the proposal of treatment of Dry and Wet Waste at the new Municipal Solid Waste at Bainguinim process of which was approved by the Corporation at its Ordinary meeting held on 17.8.2012 has been approved by the Government and the CCP has been asked to work on the Request For Proposal (RFP) and the tender documents to commence the process of setting up and commissioning the Solid Waste Management facility.

Considering the huge cost involved for setting up and commissioning such a facility at Bainguinim, the matter was placed before the Corporation for a decision whereby the C.C.P. allows the Govt. to set up such a facility at its cost on
whichever basis like B.O.T., B.O.T. etc. as found suitable to the Government and through a specialised agency of the Government like GSIDC etc.

The Corporation unanimously approved the proposal to permit the Government to set up such a facility at its cost on whichever basis like B.O.T., B.O.T. etc. as found suitable to the Government through GSIDC.


With the permission of the Chair the Commissioner placed before the Corporation the need for formulation of Bye-Laws for Building, Tax, Sanitation and Solid Waste. At the Standing Committee meeting held on 23.10.2009, the Standing Committee had accorded its approval for payment of legal fees to Adv. Nadkarni amounting to Rs. 50,000/- for drafting of Building Bye-Laws and Tax Bye-Laws. On enquiry it has been found that Building and Tax Bye-Laws have been submitted to the C.C.P. by Ld. Adv. Nadkarni. Sanitation and Solid Waste Bye-Laws have also to be formulated. In addition, a legal panel has to be formulated for the C.C.P. so that these issues are taken forward, and a review of all pending cases is undertaken. The issue was discussed and the Corporation resolved to move the Government for appointment of a full fledged legal panel to review all legal matters of the C.C.P. and to take up formulation of Rules and Bye-Laws for the C.C.P.

After the above discussions and having sung the National Anthem, the meeting was declared closed by the Hon. Mayor with a vote of thanks to all those present.
New Delhi, dated the 28th February, 2014.

OFFICE MEMORANDUM

Subject: Minutes of 132nd Meeting of the CSMC under Urban Infrastructure & Governance (UIG), JnNURM.

Minutes of the 132nd meeting of the Central Sanctioning and Monitoring Committee (CSMC) under Urban Infrastructure & Governance (UIG), JnNURM held at 11.30 A.M. on 25.02.2014, in Conference Room (Room No. 123-C), Nirman Bhavan, New Delhi under the Chairmanship of Secretary, Ministry of Urban Development, are circulated.

(T K Majumdar)
Director (N-II)
Tel. No. 23061295

To,

CSMC Members:

1. The Secretary, Ministry of Housing & Urban Poverty Alleviation, Nirman Bhavan, New Delhi.
2. The Home Secretary, Ministry of Home Affairs, North Block, New Delhi.
3. The Secretary, Department of Expenditure, Ministry of Finance, North Block, New Delhi.
4. The Secretary, Ministry of Environment & Forests, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi.
5. The Secretary, Ministry of Social Justice & Empowerment, Shastri Bhavan, New Delhi.
6. The Secretary, Department of Heavy Industries, Udyog Bhavan, New Delhi.
7. The Sr. Adviser (HUD), Planning Commission, Yojana Bhavan, New Delhi.
10. The Chairman-cum-Managing Director, Housing and Urban Development Corporation (HUDCO), India Habitat Centre, Lodhi Road, New Delhi.
11. The Secretary, Department of Information Technology, 6-CGO Complex, New Delhi.
12. The Joint Secretary (UD & Mission Director), Ministry of Urban Development, Nirman Bhavan, New Delhi.
TAG Members:

1. Shri Ramesh Ramanathan, Chairperson, National Technical Advisor, InNURM, Janagraha Centre for Citizenship & Democracy, 4th Floor, UNI Building, Thimmaiah Road, Bangalore.
3. Prof. O.P. Mathur, Member, TAG, NIUA, India Habitat Centre, Core-4, 2nd Floor, Lodhi Road, New Delhi.
4. Shri M.P. Vasimalai, Member, TAG and Executive Director, DHAN Foundation, 18, Pillayar Kovil Street, S.S. Colony, Madurai-625010.
5. Smt. Sheela Patel, Member, AG and Director, Society for the Promotion of Area Resource Centre, 52, Miami Bhula Bhai Desal Road, Mumbai-400026.
6. Prof. R.V. Rama Rao, Member, TAG, Chief Project Coordinator, Institute of Development & Planning Studies (IDPS), Visakhapatnam.

Other Invitees:

2. Shri Ameising Luikham, Joint Secretary, Ministry of Minority Affairs, 11th Floor, Paryavaran Bhavan, New Delhi.
3. Ms. Nanu Bhasin, Director (PIB), Room No. 214, 2nd Floor, National Media Centre, 7E Rai Sina Road, Near Le-Meridian Hotel, New Delhi.
4. Shri G.L. Bansal, Director (PF-I), Department of Expenditure, North Block, New Delhi.
5. Shri S.Z.S. Tabish, Director (CSO-I), CPWD, Room No. 22-E Wing, Nirman Bhavan, New Delhi.

Special Invitees:

1. Joint Secretary, PF-I (Shri Rajeev Kumar), Department of Expenditure, North Block, New Delhi.
2. CMD, NBCC Ltd., 3rd floor Integrated office Complex, Lodhi Road, New Delhi.

Internal Circulation:

1. PS to UDM.
2. PPS to Secretary (UD).
3. Dir (NURM-I)/Dir (NURM-II)/Dir (NURM-III)/Dir (NURM-IV) and Dir (N-V).
5. Team Leader, Technical Cell
6. MIS In-Charge, Tech Cell

(T.K. Majumdar)
Director (N-II)
Tel. No. 23061295
MINUTES OF THE 132ND MEETING OF THE CENTRAL SANCTIONING AND MONITORING COMMITTEE (CSMC) FOR UIG COMPONENT OF JNNURM, HELD AT 11:30 AM ON 25TH FEBRUARY, 2014, AT NIRMAN BHAWAN, NEW DELHI.

The 132nd meeting of the Central Sanctioning and Monitoring Committee (CSMC) was held at 11:30 A.M. on 25th February, 2014 in the Conference Room (Room No. 123-C), Nirman Bhavan, New Delhi, under the Chairmanship of Secretary (Urban Development), Ministry of Urban Development, Government of India.

Principal Secretary / Secretary (Urban Development)/concerned officials of Andhra Pradesh, Tamil Nadu & Karnataka participated through video-conferencing for the respective agenda of their States.

The list of participants is annexed herewith:

I. RELEASE OF INSTALLMENTS FOR PROJECTS:

I (A) Delhi (1 project):

The proposal in respect of the release of 4th installment for the project, namely, "Construction of Bridges and its approaches over river Yamuna downstream of existing Bridge at Wazirabad, Delhi" was discussed in the meeting. The overall physical progress of the project is 65% and is expected to be completed by September 2014.

The proposal for release of the 4th installment for the project was approved as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of the City / Project Title</th>
<th>Approved Cost</th>
<th>Total ACA Commitment</th>
<th>Inst. Amount Claimed for</th>
<th>Amt. to be released</th>
<th>Inst. claimed for</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delhi (one project):</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>Construction of Bridges and its Approaches over River Yamuna Downstream of existing Bridge at Wazirabad, Delhi.</td>
<td>98,071.00</td>
<td>34,324.85</td>
<td>8,581.21</td>
<td>8,581.21</td>
<td>4*</td>
</tr>
</tbody>
</table>

*10% ACA has already been deducted for this project from the last installment as the Reforms committed were yet to be achieved.

I (B) Maharashtra (1 project):

The proposal in respect of the release of 2nd installment for the project, namely, "Recycle and Reuse of Waste Water, Nagpur" was discussed in the meeting. The overall physical progress of the project is 54%, as per the latest IRMA report.
The proposal for release of the 3rd installment for the project was approved as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of the City / Project Title</th>
<th>Approved Cost</th>
<th>Total ACA Commitment</th>
<th>Inst. Amount Claimed for</th>
<th>Amt. to be released</th>
<th>Inst. claimed for</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Nagpur (one project):</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Recycle and Reuse of Waste Water, Nagpur</td>
<td>13,011.00</td>
<td>6,505.50</td>
<td>1,626.38</td>
<td>1,626.38</td>
<td>3*</td>
</tr>
</tbody>
</table>

*10% ACA has already been deducted for this project from the last installment as the Reforms committed were yet to be achieved.

I (C) Tamil Nadu (3 projects):

The proposal in respect of the release of 3rd installment for the project, namely, "Solid Waste Management of Alandur, Pallavaram and Tambaram Municipality" was discussed in the meeting. The overall physical progress of the project is 73%.

The proposal in respect of the release of 4th installment for the project, namely, "Improvement to Storm Water drains in the Northern Basin of Chennai" was discussed in the meeting. The overall physical progress of the project is 76% and the likely date of completion is March 2014. The project cost has been revised to Rs.33505 lakh based on the tendered cost for the project components, which is less than the original approved cost.

The proposal in respect of the release of 4th installment for the project, namely, "Improvement to Storm Water Drains in the Southern Basin of Chennai City" was discussed in the meeting. The overall physical progress of the project is 70% and the project is likely to be completed by March 2014.

The proposal for release of installments for these 3 projects was approved as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of the City / Project Title</th>
<th>Approved Cost</th>
<th>Total ACA Commitment</th>
<th>Inst. Amount Claimed for</th>
<th>Amt. to be released</th>
<th>Inst. claimed for</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Chennai (Three projects):</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Solid Waste Management of Alandur, Pallavaram and Tambaram Municipality</td>
<td>4,421.25</td>
<td>1,547.44</td>
<td>386.86</td>
<td>386.86</td>
<td>3*</td>
</tr>
<tr>
<td>2</td>
<td>Improvement to Storm Water Drains in the Northern Basin of</td>
<td>38,506.00</td>
<td>12,595.24</td>
<td>3,148.81</td>
<td>2,931.70</td>
<td>4**^</td>
</tr>
<tr>
<td>Sl. No</td>
<td>Name of the City / Project Title</td>
<td>Approved Cost</td>
<td>Total ACA Commitment</td>
<td>Inst. Amount Claimed for</td>
<td>Amt. to be released</td>
<td>Inst. claimed for</td>
</tr>
<tr>
<td>-------</td>
<td>---------------------------------</td>
<td>---------------</td>
<td>----------------------</td>
<td>-------------------------</td>
<td>-------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>3</td>
<td>Improvement to Storm Water Drains in the Southern Basin of Chennai City</td>
<td>33,734.00</td>
<td>10,466.15</td>
<td>2,616.04</td>
<td>360.01</td>
<td>4@</td>
</tr>
</tbody>
</table>

*10% ACA has already been deducted for these projects from the last installment as the Reforms committed are yet to be achieved.

^ Tender cost has been revised to Rs. 33,505 lakh and the ACA has been revised to Rs. 11,726.75 lakh and the amount has been accordingly adjusted.

@ Completion Cost has been revised to Rs. 22,735.57 lakh and the ACA has been revised to Rs. 7957.45 lakh and the amount have been accordingly adjusted.

(D) Uttar Pradesh (2 projects):

The proposal in respect of the release of 4th installment for the project, namely, "Sewerage Works in Sewerage Zone -II of Mathura city" was discussed in the meeting. The overall physical progress of the project is 85% and the likely date of completion is March 2014.

The proposal in respect of the release of 4th installment for the project, namely, "Water Supply Part-II of Cis-Varuna area Varanasi city" was discussed in the meeting. The overall physical progress of the project is 67% and the likely date of completion is March 2014.

The proposal for release of installments for these 2 projects was approved as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of the City / Project Title</th>
<th>Approved Cost</th>
<th>Total ACA Commitment</th>
<th>Inst. Amount Claimed for</th>
<th>Amt. to be released</th>
<th>Inst. claimed for</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mathura (one project):</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1. Sewerage Works in Sewerage Zone -II of Mathura city</td>
<td>6,035.77</td>
<td>4,500.00</td>
<td>1,125.00</td>
<td>1,125.00</td>
<td>4*</td>
</tr>
<tr>
<td></td>
<td>Varanasi (one project):</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Water Supply Part-II of Cis-Varuna area</td>
<td>8,610.00</td>
<td>4,305.00</td>
<td>1,076.25</td>
<td>1,076.25</td>
<td>4*</td>
</tr>
</tbody>
</table>

*10% ACA has already been deducted for these projects from the last installment as the Reforms committed were yet to be achieved.
II. APPROVAL OF NEW PROJECTS:

II (A) Hyderabad, Andhra Pradesh (five projects):

(i) Water Supply Distribution Network for Ramachandranpuram Municipality.

The Director (N-V), JnNURM briefed the Committee regarding the proposal for sanction of the new project to be taken up during the transition phase. The project has been appraised by the CPHEEO.

The Managing Director, Hyderabad Metro Water Supply & Sewerage Board (HMWSSB) informed the Committee that the area under erstwhile Ramachandrapuram municipality which has now merged into Greater Hyderabad Municipal Corporation (GHMC) is suffering from shortage of water and low water pressures as the existing distribution system is very old and insufficient to cater to the increased demand. Hence, HMWSSB has proposed to revamp the water supply system for Ramachandrapuram circle. The major components of the project would be Construction of 6000 KL Ground Level Service Reservoir, laying of DI K9 feeder mains (11.74 km), distribution network (102.4 km), 6 Nos. of Elevated Level Service Reservoir with a total storage capacity of 8970 KL and House Service Connections (23,199 nos).

It was informed that Land for the project is available & the project will be implemented in 24 months. The FIRR for the project is 12.11%.

The CSMC approved the project as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>First Installment to be released</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Hyderabad, Andhra Pradesh</td>
<td>Water Supply Distribution Network for Ramachandranpuram Municipality</td>
<td>7,889.52</td>
<td>35%</td>
<td>2,761.33</td>
<td>690.33</td>
</tr>
</tbody>
</table>

(ii) Water Supply Distribution Network for Patancheru Municipality.

The Director (N-V), JnNURM briefed the Committee regarding the proposal for sanction of the new project to be taken up during the transition phase. The project has been appraised by the CPHEEO.

The Managing Director, HMWSSB informed the Committee that the area under erstwhile Patancheru municipality which has now merged into Greater Hyderabad Municipal Corporation (GHMC) is suffering from shortage of water and low water pressures as the existing distribution system is very old and insufficient to cater to the increased demand. Hence, HMWSSB has proposed to revamp the water supply system for Patancheru circle.

The major components to be taken up under this project are Gravity Main (2.3 km), Elevated Service Reservoirs (6 nos), Elevated Balancing Reservoirs (900 KL), Pumping Mains, Distribution Network (79.279 km) & House Service Connections (16,900 nos).
The project will be implemented in 24 months. Land is available for the project. The FIRR for the project is 13.34%.

The CSMC approved the project as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>First Installment to be released</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Hyderabad, Andhra Pradesh</td>
<td>Water Supply Distribution Network for Patancheru Municipality</td>
<td>5,819.87</td>
<td>35%</td>
<td>2,036.95</td>
<td>509.24</td>
</tr>
</tbody>
</table>

(iii) Providing Storage including Trunk and Distribution network in LB Nagar, Hyderabad

The Director (N-V), InNURM briefed the Committee regarding the proposal for sanction of the new project to be taken up during the transition phase. The project has been appraised by the CPHEEO.

The Managing Director, HMWSSB informed that the existing distribution system is very old and not sufficient to carry the required amount of drinking water. The objective of the project is to provide water supply in the project area @ 150 LPCD and achieve 24x7 water supply to the project area.

The major components of the project are Gravity main (15.05 km), Pumping main (3.77 km), Pump house (3 no), ELSRs (6 no) and House service connections (84,330 nos).

The project will be implemented in 24 months. There are no land related issues. The FIRR for the project is 9.96%.

The CSMC approved the project as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>First Installment to be released</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Hyderabad, Andhra Pradesh</td>
<td>Providing Storage including Trunk and Distribution network in LB Nagar</td>
<td>36,517.86*</td>
<td>25%</td>
<td>12,781.25</td>
<td>3,195.31</td>
</tr>
</tbody>
</table>

*since the cost of the project is more than Rs. 100 crores, approval of Hon’ble JDM/ FM both would be required, as per guidelines.
(iv) **Comprehensive Water Supply Scheme for Serilingampally circle of GHMC**

Table agenda in respect of this project was placed before the Committee with the permission of the Chair. The Director (N-V), JnNURM briefed the Committee regarding the proposal for sanction of the new project to be taken up during the transition phase. The project has been appraised by the CPHEEO.

The Managing Director, HMWSSB informed that the area under erstwhile Serilingampalli municipality which has now merged into Greater Hyderabad Municipal Corporation (GHMC) is facing shortage of water and low water pressures as the existing distribution system is very old and insufficient to cater to the increased demand. The present water losses too are very high. Hence, HMWSSB has proposed to revamp the water supply system for Serilingampally circle.

The major components to be taken up under this project are Gravity Main (21.99 km), Elevated Service Reservoirs (8 nos), Ground Level Service Reservoirs (3 nos), Pumping mains, Distribution network (875 km) and House Service connections (73,720 nos).

The project will be implemented in 24 months. The FIRR for the project works out to 9.36%. It was informed that no land acquisition for the project is required the proposed land is in the possession of HMWSSB.

The CSMC approved the proposal as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>First Installment to be released</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Hyderabad, Andhra Pradesh</td>
<td>Comprehensive Water Supply Scheme for Serilingampally circle of GHMC</td>
<td>43,969.23*</td>
<td>35%</td>
<td>15,389.23</td>
<td>3,847.31</td>
</tr>
</tbody>
</table>

*since the cost of the project is more than Rs. 100 crores, approval of Hon’ble UDM/ FM both would be required, as per guidelines.

(v) **1800 mm dia MS pipeline from Osman Sagar Reservoir to Asif Nagar Water Treatment Plant in place of existing water conduit (Hyderabad)**

Table agenda in respect of this project was placed before the Committee with the permission of the Chair. Director (N-V), JnNURM briefed the Committee regarding the proposal for sanction of the new project to be taken up during the transition phase. The project has been appraised by the CPHEEO.

The Managing Director, HMWSSB informed the Committee that Osman Sagar Reservoir constructed about 100 years ago is still the prime source of water supply for the city. Presently, the water is carried to the city from this reservoir through gravity in a channel for a distance of 14.62 km. Since the channel is presently in a dilapidated condition, HMWSSB has proposed to
replace the existing conduit with 1800 mm dia MS pipeline. This will help in reducing the water losses taking place in the open conduit.

The project will be implemented in 15 months. The FIRR for the project works out at 9.06%. It was informed that no land acquisition is required for this project.

The CSMC approved the proposal as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>First Installment to be released</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Hyderabad, Andhra Pradesh</td>
<td>1800 mm dia MS pipeline from Osman Sagar Reservoir to Asif Nagar Water Treatment Plant in place of existing water conduit</td>
<td>10,903.96*</td>
<td>35%</td>
<td>3,816.39</td>
<td>954.10</td>
</tr>
</tbody>
</table>

*since the cost of the project is more than Rs. 100 crores, approval of Hon’ble UDM/ FM both would be required, as per guidelines.

II (B) Panaji, Goa (one project):

(i) Solid Waste Management, Panaji

The Director (N-V), InNURM briefed the Committee regarding the proposal for sanction of the new project to be taken up during the transition phase. The project has been appraised by NBCC.

The Dy. Commissioner Panaji Municipal Corporation (PMC), Goa informed that the existing municipal solid waste is stored in a segregated form at the generated level viz. houses, hotels, restaurants etc. The present waste handling method does not effectively address the problems associated with garbage disposal and the number of composting units is insufficient to handle the waste. In order to safeguard the population from various health hazards and in maintaining a hygienic environment, the proposal for integrated solid waste management in the city has been proposed.

The Secretary (UD) commended the efforts undertaken by PMC in practicing bin less system of waste management and invited States to present their respective achievements in waste management system in the forthcoming National level SWM workshop to be held soon.

The Project will be completed in 17 months and land for the proposed project is available.

The FIRR for the project is calculated to be 15.70%.

CSMC approved the proposal as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost</th>
<th>% share</th>
<th>Central Share</th>
<th>First Installment</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
II (C) Mysore, Karnataka (three projects):

(i) **Construction of 4 RUBs along Ring Road (No. 293A, 765B, 745A & RBI side) in Mysore**

The Director (N-V), InNURM briefed the Committee for sanction of this new project to be taken up by Mysore Urban Development Authority (MUDA) in the transition phase. The project has been appraised by CPWD.

The Outer Ring Road (ORR) is crossing the railway lines at the following four locations namely, (i) Railway Under Bridge (RUB) at Mysore Hassan section (ii) RUB at Mysore Chamarajanagar section (iii) RUB at Mysore Bangalore section (iv) RUB at RBI side in Mysore city. The existing RUBs are having only 1 vent to accommodate the traffic of one of the main carriageway. Hence, for safe and accident free movement of vehicles, these RUBs are proposed to be widened. The project is designed for the unilateral movement of traffic in the main carriageways to avoid accidents.

Land is available with MUDA as it is an existing road. The project will be completed in 18 months and the EIRR from the project is calculated to be 16.05%.

CSMC approved the proposal as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost (Rs. in lakh)</th>
<th>% share of Centre</th>
<th>Central Share (ACA) (Rs. in lakh)</th>
<th>First Installment to be released (Rs. in lakh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mysore, Karnataka</td>
<td>Construction of 4 RUBs (No. 293A, 765B, 745A &amp; RBI side) at Mysore</td>
<td>5,940.50</td>
<td>80%</td>
<td>4,752.40</td>
<td>1,188.10</td>
</tr>
</tbody>
</table>

(ii) **Comprehensive Underground Sewerage Scheme for Mysore City**

The Director (N-V), InNURM briefed the Committee regarding the proposal for sanction of this new project to be implemented by Karnataka Urban water Supply & Drainage Board (KUWSDB) in the transition phase. The project has been appraised by CPHEEO.

The Managing Director, KUWSDB, made a brief presentation on this new project. He explained that the city lacks comprehensive sewerage system and do not have adequate sewage treatment facilities. There are many households which are dependent on septic tanks, the waste water from which finds its way into open drains resulting in contamination of the water bodies leading
to unhygienic conditions. Hence, there is a need to provide a comprehensive sewerage system covering the uncovered areas along with 100% treatment facilities.

The project envisages laying of sewerage network for a total length of 576.37 km, construction of 3 STPs with total capacity of 56 MLD and 3 pumping stations.

The project will be implemented in 24 months. The FIRR for the project is calculated to be 7.65%. It was also informed that the land is available with Mysore City Corporation.

CSMC approved the proposal as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>First Installment to be released</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Mysore, Karnataka</td>
<td>Comprehensive Underground Sewerage Scheme for Mysore City</td>
<td>40,850.00</td>
<td>80%</td>
<td>32,650.00</td>
<td>8,200.00</td>
</tr>
</tbody>
</table>

*Since the cost of the project is more than Rs. 100 crores, approval of Hon’ble UDM/ FM both would be required, as per guidelines.

(iii) Strengthening of Existing Melapura Water Supply Scheme to Mysore City from Cauvery River:

Table agenda in respect of this project was placed before the Committee with the permission of the Chair. The Managing Director, Karnataka Urban Water Supply & Drainage Board (KUWSDB) made a brief presentation on this new project proposed to be taken up in the transition phase.

He explained that the city of Mysore has already taken up two water supply distribution projects under JnNURM to achieve continuous water supply for all the residents within the Corporation limits. Mysore sources the bulk supply from rivers Cauvery & Kabini. The 4th Stage water supply scheme for Mysore which draws water from Cauvery river near Melapura village was designed to provide 100 MLD of water for the city. However, due to leakages in old PSC pipeline and reduction in pumpset efficiency, the bulk water supplied through this scheme is only about 65 MLD. Hence, it is proposed to provide new pumping machinery at Jackwell Pumping Station & Clear Water Pumping Station at WTP and replace the old 1100mm PSC pipeline with 1219mm dia MS pipeline (4.65 km). KUWSDB will be implementing the project.

The project will be implemented in 24 months. The FIRR for the project works out to 9.15%. It was informed that land for STPs is available with Mysore City Corporation.

The proposal was approved as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>First Installment to be released</th>
</tr>
</thead>
</table>
3 Mysore, Karnataka Strengthening of Existing Melapura Water Supply Scheme to Mysore City from Cauvery River 3,253.10 80% 2,602.48 650.62

II.D. Ujjain, Madhya Pradesh (one project):

(i) Comprehensive Sewerage System for Ujjain City

Table agenda in respect of this project was placed before the Committee with the permission of the Chair. Director (N-IV) explained that at present there is no comprehensive sewerage system in the city of Ujjain except intercepting sewers and one sewerage treatment plant commissioned under NRCP. Hence to provide sewer network and sewerage treatment facility for 100% of the city's population, it is proposed to take up the works of Sewer Lines (400.04 km), Pumping Stations (3 nos), Pumping Machinery, Sewerage Treatment Plants (2 nos with a combined capacity of 22 MLD), House Service Connections (1,00,201 nos) under this project. A charge Rs.100 per month per family as user fees is proposed after completion of this project.

The project will be implemented in 24 months. The FIRR for the project works out to be 5.22%. There are no issues related to land.

The CSMC suggested that the city should fix the user fees in accordance with the advisory circulated in this regard by Ministry of Urban Development. The city shall ensure self sustainability in operations and maintenance of the sewerage system by properly levying and collecting tariff.

The proposal was approved by CSMC as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>First Installment to be released</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ujjain, Madhya Pradesh</td>
<td>Comprehensive Sewerage System for Ujjain City</td>
<td>33,024.01*</td>
<td>80%</td>
<td>26,419 21</td>
<td>6,604.80</td>
</tr>
</tbody>
</table>

*since the cost of the project is more than Rs. 100 crores, approval of Hon'ble UDM/ FM both would be required, as per guidelines.

II.E. Maharashtra (five projects):

(i) Remodeling of Water Supply Distribution System for Mumbra Ward Committee Area East Zone Thane Municipal Corporation

The Director (N-1), InNURM briefed the Committee regarding the proposal for sanction of the project to be taken up during the transition phase. The project has been appraised by CPHEEO.
The representative from Thane Municipal Corporation (TMC) explained that water demand in the project area has increased manifolds and the present infrastructure is not sufficient to meet the water requirement. The existing storage capacity is inadequate leading to inequitable supply. Hence, augmentation of the existing distribution system is proposed. Additional storages are required to be constructed along with feeder mains to feed the proposed as well as existing storages.

It was also informed that land acquisition is under process and will be acquired before finalization of the tender.

The major components of the project are Gravity feeder mains (13.10 km), Elevated Storage Reservoirs (13 nos with total capacity of 30.5 ML), Sump & Pump house, Distribution system (171 km), Bulk meters (40 nos) and House services connection (9357 nos).

The project will be implemented in 36 months. The FIRR for the project works out to be 9% and the EIRR is 20%.

The Committee also noted & accepted the recommendation of the appraisal agency that ULB would:

1. Obtain administrative approval from the State Government for the said scheme and no expenditure shall be incurred without the administrative approval & technical sanction of the project by the State Government; and

2. Obtain the commitment from the competent authority for 95% dependability and reliability of water throughout the design of 30 years.

CSMC approved the proposal as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost (Rs. in lakh)</th>
<th>% Share of Centre</th>
<th>Central Share (ACA)</th>
<th>First Installment to be Released (Rs. in lakh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Thane, Maharashtra</td>
<td>Remodeling of Water Supply Distribution System for Mumbra Ward Committee Area East Zone TMC</td>
<td>12,669.87*</td>
<td>36%</td>
<td>4,434.10</td>
<td>1,108.53</td>
</tr>
</tbody>
</table>

*since the cost of the project is more than Rs. 100 crores, approval of Hon'ble UDM/ FM both would be required, as per guidelines.

(ii) Remodeling of Water Supply Transmission System & Storage Structures in TMC & Distribution System in North Zone of Thane city

The Director (N-2), InNURM briefed the Committee regarding the proposal for sanction of the project to be taken up during the transition phase. The project has been appraised by the CPHEEO.
The representative from Thane Municipal Corporation (TMC) explained that water demand in the project area has increased manifolds and the present infrastructure is not sufficient to meet the water requirement. The existing storage capacity is inadequate leading to inequitable supply. Hence, augmentation of the existing distribution system is proposed. Additional storages are required to be constructed along with feeder mains to feed the proposed as well as existing storages. It is also proposed to convert the existing intermittent water supply to continuous 24x7 water supply.

It was also informed that land acquisition in respect of 14 plots, part of the project, is under process and will be acquired before finalization of the tender.

The main components of the project are construction of Gravity feeder mains (50.28 km), Elevated Storage Reservoirs (29 nos with total capacity of 40 ML), Sump & Pump house, Distribution system (259 km), Bulk meters (79 nos) and House services connection (30,636 nos). The project will be implemented in 36 months.

The Committee also noted & accepted the recommendation of the appraisal agency that ULB would:

i) Obtain administrative approval from the State Government for the said scheme and no expenditure shall be incurred without the administrative approval & technical sanction of the project by the State Government; and

ii) Obtain the commitment from the competent authority for 95% dependability and reliability of water throughout the design of 30 years.

CSMC approved the proposal as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost</th>
<th>% Share of Centre</th>
<th>Central Share (ACA)</th>
<th>First Installment to be released</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td>Thane, Maharashtra</td>
<td>Remodeling of Water Supply Transmission System &amp; Storage Structures in TMC &amp; Distribution System in North Zone TMC</td>
<td>30,191.09*</td>
<td>35%</td>
<td>10,566.88</td>
<td>2,641.72</td>
</tr>
</tbody>
</table>

*since the cost of the project is more than Rs. 100 crores, approval of Hon'ble UDM/ FM both would be required, as per guidelines.

(iii) Providing Sewerage System to Ghodbunder and Diva area of (Phase IV) of Thane Municipal Corporation.

The Director (N-1), JnNURM briefed the Committee regarding the proposal for sanction of the project to be taken up during the transition phase. The project has been appraised by CPHEEO.
The representative from Thane Municipal Corporation (TMC) explained that there is no sewerage system in this area. The waste water from the area flows in open drains and meet the nullas which finally join the Ulhas creek thereby polluting the water source. Hence, it is proposed to provide sewer network and sewage treatment facility to manage the sewage generation in the project area.

The main components of the project are sewer network (241 km), STP for Diva (36 MLD) and STP for Ghodbunder (92 MLD), Pumping main and pumping machinery.

The project will be implemented in 30 months. The IRR for the project is 6.51%.

The Committee also noted & accepted the recommendation of the appraisal agency that ULB would:

i) Obtain administrative approval from the State Government for the said scheme and no expenditure shall be incurred without the administrative approval & technical sanction of the project by the State Government; and

ii) Obtain the commitment from the competent authority for 95% dependability and reliability of water throughout the design of 90 years.

CSMC approved the proposal as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost (Rs. in lakh)</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>First Installment to be released (Rs. in lakhs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Thane, Maharashtra</td>
<td>Providing Sewerage System to Ghodbunder and Diva area of (Phase-IV) of TMC</td>
<td>24,942.18</td>
<td>35%</td>
<td>8,729.76</td>
<td>2,182.44</td>
</tr>
</tbody>
</table>

*since the cost of the project is more than Rs. 100 crores, approval of Hon'ble UDM/ FM both would be required, as per guidelines.

(iv) Underground Sewerage System for Developing area of Phase-II in Kalyan Dombivli Municipal Corporation

The Director (N-1), JnNURM briefed the Committee regarding the proposal for sanction of the project to be taken up during the transition phase. The project has been appraised by CPHEEO.

The representative from Kalyan Dombivli Municipal Corporation (KDMC) explained that there is a need to establish sewerage system in newly developed areas of KDMC spanning about 13 sq.km.

The main components of the project are sewer network (80.04 km), Sewage pumping stations (14 nos with total capacity of 40 MLD).

The Project will be completed in 24 months. It was also informed that land required for the project is in the possession of KDMC.
CSMC approved the proposal as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost (Rs. in lakh)</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>First Installment to be released</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Kalyan, Dombivili, Maharashtra</td>
<td>Underground Sewerage System for Developing are of Phase-II</td>
<td>13,490.14</td>
<td>35%</td>
<td>4,721.55</td>
<td>1,180.39</td>
</tr>
</tbody>
</table>

*since the cost of the project is more than Rs. 100 crores, approval of Hon’ble UDM/ FM both would be required, as per guidelines.

(v) Providing Sewerage System in North Sewerage Zone of Nagpur

The Director (N-1), JnNURM briefed the Committee regarding the proposal for sanction of the project to be taken up during the transition phase. The project has been appraised by CPHEEO.

The representative from Nagpur Municipal Corporation (NMC) explained that Nagpur is divided into 3 zones namely, North, South and Central for the purpose of sewage collection and treatment. The proposed project is aimed at providing 100% sewage collection in the North sewerage zone. Subsequently, sewage treatment plant will be set up and it is proposed to recycle and reuse the treated waste water.

The main components of the project are sewer network (764.285 km), Sewage lift stations (2 nos) and Sewage pumping mains.

The Project will be completed in 36 months and there are no land related issues. IRR from the project is calculated at 19.5%.

CSMC approved the proposal as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost (Rs. in lakh)</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>First Installment to be released</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Nagpur, Maharashtra</td>
<td>Providing Sewerage System in North Sewerage Zone of Nagpur</td>
<td>49,113.96</td>
<td>50%</td>
<td>24,556.98</td>
<td>6,139.25</td>
</tr>
</tbody>
</table>
II.F. Orissa (one project):
(i) Bus Rapid Transit System (BRTS) in Bhubaneswar City

The Director (N-1), InNURM briefed the Committee regarding the proposal for sanction of the project to be taken up during the transition phase. The project has been appraised by IUT & recommended by the UT division of the Ministry.

The lack of reliable public services has led to the development of alternative transport systems in the form of intermediate public transport. Two wheeler and four wheeler traffic is also on the rise, hence, the city has proposed to undertake a BRTS system with a network of 30.32 km comprising of 8 corridors and includes median bus stations, buses, bus depots, ITS applications and area traffic control system. No land acquisition is required for this project. The project would be implemented in 3 years. The FIRR for the project is 8.71%.

The CSMC approved the project as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost (Rs. in Lakh)</th>
<th>% Share of Centre</th>
<th>Central Share (ACA) (Rs. in Lakh)</th>
<th>First Installment to be released (Rs. in Lakh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bhubaneswar, Orissa</td>
<td>BRTS in Bhubaneswar City</td>
<td>45,995.52*</td>
<td>80</td>
<td>36,796.42</td>
<td>9,199.10</td>
</tr>
</tbody>
</table>

*since the cost of the project is more than Rs. 100 crores, approval of Hon'ble UDM/ FM both would be required, as per guidelines.

II.G. Puducherry (two projects):
(i) Comprehensive Water Supply Scheme for the Urban and Peri-Urban Areas of Puducherry district, Puducherry

The Director (N-V), InNURM briefed the Committee regarding the proposal for sanction of the project to be taken up during the transition phase. The project has been appraised by CPHEEO.

It was explained that the capacity of the existing water supply system in the project area are mostly fed direct pumping from local tube well. There is no sufficient storage capacity and the UFW is very high due to direct pumping. The ground water is getting depleted and the O & M cost is very high. Hence, the State has proposed to take up a comprehensive water supply system in urban and peri-urban areas of Puducherry district. The project will be implemented by PWD, Puducherry.

The project will be taken up in 11 packages and will comprise of tube wells, feeder mains, WTP, ESRs and distribution system.

The project will be implemented in 30 months. It was informed that land for the project is available in all the 13 zones except one zone for which land acquisition is nearing completion. The FIRR for the project is 9.2%.
The CSMC approved the project as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>First Installment to be released</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Puducherry</td>
<td>Comprehensive Water Supply Scheme for the Urban and Pre-urban Areas</td>
<td>30,746.00*</td>
<td>80%</td>
<td>24,596.80</td>
<td>6,149.20@</td>
</tr>
</tbody>
</table>

*since the cost of the project is more than Rs. 100 crores, approval of Hon’ble UDM/ FM both would be required, as per guidelines.

@The 1st installment will be released after submission of the ULB resolution after Elections.

(ii) Development of Urban Infrastructure in Puducherry

Table agenda in respect of this project was placed before the Committee with the permission of the Chair. Director (N-V) briefed the Committee and explained that Govt. of Puducherry intends to ease the traffic movement in the city of Puducherry through the construction of three structures namely:

1. High Level Bridge across river Sankarabarani at Ariyapalayam
2. Grade Separator at Indira Gandhi Square (junction of NH-45A and NH 66)
3. Grade Separator at Rajiv Gandhi Square

The heavy traffic in the existing two lane bridge across river Sankarabarani at Ariyapalayam and at the intersections in Indira Gandhi Square and Rajiv Gandhi Square necessitates interventions in the form of the above three structures. No land acquisition is required for this project which is to be implemented by the National Highway Division of PWD.

The project will be implemented in 24 months. The IRR for the project works out to 25.05% taking into consideration the returns in the next 25 years.

The CSMC approved the project as follows with a condition that the first installment will be released after submission of the ULB resolution.

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>First Installment to be released</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Puducherry</td>
<td>Development of Urban Infrastructure in Puducherry</td>
<td>14,500.00*</td>
<td>80%</td>
<td>11,600.00</td>
<td>2,900.00@</td>
</tr>
</tbody>
</table>

*since the cost of the project is more than Rs. 100 crores, approval of Hon’ble UDM/ FM both would be required, as per guidelines.

@The 1st installment will be released after submission of the ULB resolution after Elections.
II (II) Chennai, Tamil Nadu (one project):
(i) Construction of 45 MLD TTRO plant at Koyambedu and conveying treated water to Sipcot Industrial hubs at Sriperumbudur, Irungattukottai & Oraga

Table agenda in respect of this project was placed before the Committee with the permission of the Chair. The Managing Director, Chennai Metropolitan Water Supply & Sewerage Board (CMWSSB) made a brief presentation about this new project proposed to be taken up in the transition phase.

It was explained that the Sipcot industrial hubs in Sriperumbudur, Irungattukottai & Oraga are using about 20 MLD from Chembarambakkam lake for industrial purposes and further request has been made by Sipcot for additional quantity. The city of Chennai generates about 430 MLD of waste water which after due treatment is let into water ways except for 36 MLD of treated waste water which is used by industries in North Chennai. Hence, CMWSSB has proposed to construct a Tertiary Treated Reverse Osmosis (TTRO) plant of 45 MLD capacity at Koyambedu and supply industrial grade water to the industries.

The main components of the project are TTRO Plant (45 MLD) and Conveying MS Pipeline (66.86 km).

The project will be implemented in 24 months. The FIRR for the project works out to 13.88% considering the water tariff for industries as Rs.40 per kilolitre.

The proposal was approved by CSMC as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>First Installment to be released</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chennai, Tamil Nadu</td>
<td>Construction of 45 MLD TTRO plant at Koyambedu and conveying treated water to Sipcot Industrial hubs at Sriperumbudur, Irungattukottai &amp; Oraga</td>
<td>32,500.31*</td>
<td>35%</td>
<td>11,751.71</td>
<td>2,843.78</td>
</tr>
</tbody>
</table>

*since the cost of the project is more than Rs. 100 crores, approval of Hon'ble UDM/ FM both would be required, as per guidelines.

II (I) Kolkata, West Bengal (one project):
(i) Construction of four lane flyover from Diamond Harbour Road near Kantapukur morgue (Mominpur) to Ramnagar More, Garden Reach

Table agenda in respect of this project was placed before the Committee with the permission of the Chair. The Principal Secretary (UD), Govt. of West Bengal made a presentation before the
Committee on this new project proposed to be taken up by Kolkata Metropolitan Development Authority (KMDA). He explained that the Garden Reach Area located in the Western part of the city is one of the most congested areas. A lot of movement of multi axle trailers and containers to the Kolkata port is along this stretch leading to unprecedented traffic snarls. Hence, Govt. of West Bengal has proposed to develop this 4 lane flyover to segregate the public vehicles from the port traffic by providing an alternative route from Garden Reach/ Metaburz area bypassing Nazrul Setu and Karl Marx Sarani upto Remount Road. This 4.3 km corridor is planned along the existing road of Kolkata Port Trust (KPT).

The project will be implemented in 30 months. The FIRR for the project works out to 23.41%.

CSCM instructed the State to submit the ULB resolution and NOC from Kolkata Port Trust (KPT) with respect to this project to the Ministry and approved the project as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>First Installment to be released</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Kolkata, West Bengal</td>
<td>Construction of four lane flyover from Diamond Harbour Road near Kantapukur morgue (Mominpur) to Ramnagar More, Garden Reach</td>
<td>31,327.46</td>
<td>35%</td>
<td>10,964.61</td>
<td>2,741.15</td>
</tr>
</tbody>
</table>

*since the cost of the project is more than Rs. 100 crores, approval of Hon'ble UDM/ FM both would be required, as per guidelines.

### III. REVISED DPRS (THREE PROJECTS):

#### III (A) Rehabilitation and Strengthening of Sewerage System in Old City Area on South of Musi – Zone I (in catchments S1 to S6, S12 & S14)

The proposal for approval of Revised DPR of the project "Rehabilitation and Strengthening of Sewerage System in Old City Area on South of Musi – Zone I (in catchments S1 to S6, S12 & S14)" was discussed in the meeting. The project was originally sanctioned in the 72nd CSMC meeting held on 19th March 2007 for a total cost of Rs.14881.00 lakh with an admissible ACA of Rs.5208.35 lakh. Already 3 installments have been released for this project after withholding 10% ACA and the total releases made by Govt. of India amounts to Rs. 3385.41 lakh. There has been change in the diameter of the pipeline executed in some stretches based on the population density and sewerage flow.

Hence, based on the technical appraisal done by CPHEEO, the CSMC approved the Revised DPR for the project at a cost of Rs.14505.00 lakh. The ACA for the project will be restricted to Rs.5076.75 lakh. The excess amount released amounting to Rs.85.53 lakh shall be recouped by the Ministry of Finance.
The proposal for revision of DPR was approved as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>Amount to be recovered</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Hyderabad, Andhra Pradesh</td>
<td>Rehabilitation and Strengthening of Sewerage System in Old City Area on South of Musi - Zone 1 (in catchments S1 to S6, S12 &amp; S14)</td>
<td>14505.00*</td>
<td>35%</td>
<td>5076.75</td>
<td>85.53</td>
</tr>
</tbody>
</table>

*since the cost of the project is more than Rs. 100 crores, approval of Hon'ble UDMF & FM both would be required, as per guidelines.

III (B) BRTS of Vishakhapatnam City-(i) Simhachalam Transit Corridor including tunnel, and (ii) Pendurthi Transit Corridor

The proposal for approval of the Revised DPR of the project “BRTS of Vishakhapatnam City-(i) Simhachalam Transit Corridor including tunnel and (ii) Pendurthi Transit Corridor” was discussed in the meeting. The project was originally sanctioned in the 30th CSMC meeting held on 18th May 2007 for a total cost of Rs.45,293.00 lakh with an admissible ACA of Rs.22,646.50 lakh. Already 4 installments have been released for this project after withholding 10% ACA and the total releases made by GoI amounts to Rs. 20,381.87 lakh.

While executing the project, a flyover and a tunnel were constructed in lieu of the tunnel. Also, Bus shelters and Foot Over Bridges amounting to Rs.29.98 crore are being taken up under PPP mode.

Based on the technical appraisal by IIT, the CSMC approved the Revised DPR for the project at a cost of Rs.45,170.00 lakh. The ACA for the project will be restricted to Rs.22,585.00 lakh. The excess amount released amounting to Rs. 55.37 lakh shall be recovered.

The proposal was approved as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>Amount to be recovered</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Vishakhapatnam, Andhra Pradesh</td>
<td>BRTS of Vishakhapatnam City-(i) Simhachalam Transit Corridor</td>
<td>45,170.00*</td>
<td>50%</td>
<td>22,585.00</td>
<td>55.37</td>
</tr>
</tbody>
</table>
III (C) Rehabilitation and Strengthening of Sewerage System in Old City Area on South of Musi – Zone II (in catchments S7 to S11, S13 & S15)

Table agenda in respect of this project was placed before the Committee with the permission of the Chair. The proposal for approval of the Revised DPR of the project, "Rehabilitation and Strengthening of Sewerage System in Old City Area on South of Musi – Zone II (in catchments S7 & to S11, S13 & S15)" was discussed in the meeting. The project was originally sanctioned in the 34th CSMC meeting held on 17th August 2007 for a total cost of Rs.25125.00 lakh with an admissible ACA of Rs.8793.75 lakh. Already 3 installments have been released for this project after withholding 10% ACA and the total releases made by Govt amounts to Rs. 5715.94 lakh. There has been change in the diameter of the pipeline executed in some stretches based on the population density and sewerage flow. Moreover, the tendered cost of the project is Rs.24690.00 lakh but the same is less than the original approved cost.

Hence, based on the technical appraisal done by CPHEEO, CSMC approved the Revised DPR for the project at a cost of Rs.24690.00 lakh. The ACA for the project will be restricted to Rs.8641.50 lakh. The excess amount released amounting to Rs.98.96 lakh shall be recouped by the Ministry of Finance.

The proposal was approved as per the following details:

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Name of City &amp; State</th>
<th>Name of Project</th>
<th>Approved Project Cost</th>
<th>% share of Centre</th>
<th>Central Share (ACA)</th>
<th>Amount to be recovered</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Hyderabad, Andhra Pradesh</td>
<td>Rehabilitation and Strengthening of Sewerage System in Old City Area on South of Musi – Zone II (in catchments S7 to S11, S13 &amp; S15)</td>
<td>24690.00</td>
<td>35%</td>
<td>8641.50</td>
<td>98.96</td>
</tr>
</tbody>
</table>

*since the cost of the project is more than Rs. 100 crores, approval of Hon'ble UDM/ FM both would be required, as per guidelines.

IV. PAYMENT OF FEE ETC. TO NBCC:

The CSMC had earlier approved appointment of NBCC as the appraisal agency for appraisal of DPRS under JNNURM. While engaging NBCC as appraisal agency, it had also been decided that
the payment to NBCC shall be limited to the actual expenditure on account of salary etc. of officers deputed for the work. Subsequently, NBCC has intimated that it may not be practically feasible to do so and has requested for payment of 0.2% of the appraised cost.

Accordingly, the following proposals with regard to engagement of NBCC for appraisal of DPRs were placed before the Committee:

(i) the fee for appraisal as 0.2% of the project cost (approved components only) subject to ceiling of Rs. 1.25 lac for UIG and Rs. 75,000/- for UIDSSMT projects; and
(ii) the tenure of the NBCC Cell till 31.3.2014.

After discussion & due deliberation, it was decided that the appraisal fee on the analogy of fees to HUDCO and BMTPC being paid by the Ministry of HUPA may be adopted. It was decided that fee for appraisal as 0.2% of the project cost (approved components only) subject to ceiling of Rs. 1.25 lac for UIG and Rs. 75,000/- for UIDSSMT projects would be paid to the NBCC. JS (FA) suggested that in addition to the payment of appraisal fee the NBCC would also be paid Service Tax as may be applicable, which was accepted by the Committee.

It is also decided that tenure of the NBCC cell for appraisal will be till 31st March, 2014 or till its services are required whichever is earlier.

V. GENERAL REMARKS:

1. The Chairman, CSMC, suggested that all the Mission cities shall prepare a vision for their respective cities within 2 months. The vision of the cities can be discussed with the Ministry over video conferencing.

2. The Chairman, CSMC reiterated the reuse and recycle of treated waste water by tying up with the industries located in the vicinity.

3. The Chairman, CSMC directed CPHEEO to invite States/Cities to present their initiatives in solid waste management system in the forthcoming National level SWM workshop.

4. The Chairman also suggested that addition of small ULB's to the big corporations may not be a welcomed proposition as it will have many repercussions like management of such enlarged entities etc.

The meeting ended with vote of thanks to the Chair and the participants.
# LIST OF PARTICIPANTS

(132nd Meeting of CSMC held on 25.02.2014 at 11:30 AM)

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Names and Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MINISTRY OF URBAN DEVELOPMENT</strong></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>Dr. Sudhir Krishna, Secretary (UD)</td>
</tr>
<tr>
<td>2.</td>
<td>Shri Ashok Singhi, Joint Secretary &amp; Mission Directorate, JnNURM</td>
</tr>
<tr>
<td>3.</td>
<td>Shri Dinesh Kumar, Director (NURM-I)</td>
</tr>
<tr>
<td>4.</td>
<td>Shri T. K. Majumdar, Director (NURM-II)</td>
</tr>
<tr>
<td>5.</td>
<td>Shri Anand Mohan, Director (NURM-IV)</td>
</tr>
<tr>
<td>6.</td>
<td>Shri Prem Narayan, Director (NURM-V)</td>
</tr>
<tr>
<td>7.</td>
<td>Shri S.V. Singh, Director (NURM-III)</td>
</tr>
<tr>
<td>8.</td>
<td>Shri Pradeep Kumar Singh, Under Secretary (NURM-III)</td>
</tr>
<tr>
<td>9.</td>
<td>Shri Ajit Kumar, Under Secretary, (NURM-II)</td>
</tr>
<tr>
<td>10.</td>
<td>Shri T.K. Halder, EE (Geo Tech), CPWD, New Delhi</td>
</tr>
<tr>
<td>11.</td>
<td>Shri J.B. Mohapatra, Financial Advisor, New Delhi</td>
</tr>
<tr>
<td>12.</td>
<td>Shri S.Sharma, Principle Secretary, Andhra Pradesh</td>
</tr>
<tr>
<td>13.</td>
<td>Shri S.K. Ratha, Spl. Secretary, H&amp;UD, Odisha</td>
</tr>
<tr>
<td>14.</td>
<td>Shri Aseem Gupta, MC, Thane Muni. Corp, Thane</td>
</tr>
<tr>
<td>15.</td>
<td>Shri Shyam Wardhane, MC, Nagpur Munci. Corp. Nagpur</td>
</tr>
<tr>
<td>16.</td>
<td>Shri Chandra Mohan, MD, CMWSSB, Chennai</td>
</tr>
<tr>
<td>17.</td>
<td>Shri J. Syamala Rao, MD, HMWSSB, Hyderabad</td>
</tr>
<tr>
<td>18.</td>
<td>Shri M. Satyanarayana, En&amp;DP, HMWSSB, Hyderabad</td>
</tr>
<tr>
<td>19.</td>
<td>Shri H.V. Satyana, MC, GNMC, Vishakhapatnam</td>
</tr>
<tr>
<td>20.</td>
<td>Shri Jose Kurian, CE, DTTDC, New Delhi</td>
</tr>
<tr>
<td>21.</td>
<td>Shri S.K. Rostaqi, CPM, DTTDC, New Delhi</td>
</tr>
<tr>
<td>22.</td>
<td>Shri Ravi Mathur, Director (W), PWD, Delhi</td>
</tr>
<tr>
<td>23.</td>
<td>Shri J.B. Singh, Spl. Secretary, PWD, Delhi</td>
</tr>
<tr>
<td>24.</td>
<td>Shri R. Rangarajan, Project Officer, Deptt of UD, Delhi</td>
</tr>
<tr>
<td>25.</td>
<td>Shri B.C. Pradhan, CE (R&amp;R), PWD, Odisha</td>
</tr>
<tr>
<td>26.</td>
<td>Shri Thingom L. Singh, US(IFD), MoUD, Delhi</td>
</tr>
<tr>
<td>27.</td>
<td>Shri R. Murugan, Manager, Chennai</td>
</tr>
<tr>
<td>28.</td>
<td>Shri M. Konda Reddy, LAM, HMWSSB, Hyderabad</td>
</tr>
<tr>
<td>29.</td>
<td>Shri B. Shivaraj, Gen. Manager, HMWSSB, Hyderabad</td>
</tr>
<tr>
<td>30.</td>
<td>Shri K.P. Jayaram EE, KUWSSDB, Mysore</td>
</tr>
<tr>
<td>31.</td>
<td>Shri S. Veerabhadraiah, EE, MUDA, Mysore</td>
</tr>
<tr>
<td>32.</td>
<td>Shri S. Palaiah, Comm. MUDA, Mysore</td>
</tr>
<tr>
<td>33.</td>
<td>Shri R. Salsubramanian, EE, NH, PWD, Puducherry</td>
</tr>
<tr>
<td>34.</td>
<td>Shri K. Seenuvasan, Muncl. Engineer, Pallavapuram Munci. Tamilnadu</td>
</tr>
<tr>
<td>35.</td>
<td>Ms. Aditi Garg, R.O. Planning Commission, New Delhi</td>
</tr>
<tr>
<td>36.</td>
<td>Shri P. Rajendran, Project Incharge</td>
</tr>
<tr>
<td>37.</td>
<td>Shri U. Balakrishna, AD(M&amp;E), PIB, New Delhi</td>
</tr>
<tr>
<td>38.</td>
<td>Shri Nanu Bhasin, Director, PIB, New Delhi</td>
</tr>
<tr>
<td>39.</td>
<td>Shri Prakash Urade, SE, NMC, Nagpur</td>
</tr>
<tr>
<td>40.</td>
<td>Shri Rajendra Chaudhari, Ex. Director, NBCC</td>
</tr>
<tr>
<td>41.</td>
<td>Shri Suman sansarma, Consultant, PMU, JnNURM, Delhi</td>
</tr>
<tr>
<td>42.</td>
<td>Shri K. Vora, PMU, JnNURM, Delhi</td>
</tr>
<tr>
<td>43.</td>
<td>Shri Swaya Chandra, Advisor, CCP, Goa</td>
</tr>
<tr>
<td>44.</td>
<td>Shri Sawajit Rodrigues, Comm. CCP, Goa</td>
</tr>
<tr>
<td>No.</td>
<td>Name</td>
</tr>
<tr>
<td>-----</td>
<td>-----------------------</td>
</tr>
<tr>
<td>45</td>
<td>Shri Naresh Kumar</td>
</tr>
<tr>
<td>46</td>
<td>Shri N. Manthaiyan</td>
</tr>
<tr>
<td>47</td>
<td>Shri S. Raguathan</td>
</tr>
<tr>
<td>48</td>
<td>Dr. M. Dhinadhayalam</td>
</tr>
<tr>
<td>49</td>
<td>Shri V.K. Chauram</td>
</tr>
<tr>
<td>50</td>
<td>Shri R. Sundaramoorthy</td>
</tr>
<tr>
<td>51</td>
<td>Shri M.R.M. Rao</td>
</tr>
<tr>
<td>52</td>
<td>Shri Ratish Khurana</td>
</tr>
<tr>
<td>53</td>
<td>Shri Ganesh Deshmukh</td>
</tr>
<tr>
<td>54</td>
<td>Shri Ashok Baile</td>
</tr>
<tr>
<td>55</td>
<td>Shri H.G. Nandish</td>
</tr>
<tr>
<td>56</td>
<td>Shri Soumitra Banerjee</td>
</tr>
<tr>
<td>57</td>
<td>Ms. Savita Bhardwaj</td>
</tr>
<tr>
<td>58</td>
<td>Shri SZS Tabish</td>
</tr>
<tr>
<td>59</td>
<td>Shri J.B. Ravinder</td>
</tr>
</tbody>
</table>
No. K-14011/1(135)/2014-NURM-II
Government of India
Ministry of Urban Development
Dr. A.P. J. Abdul Kalam, Pradeep Singh, JnNURM Directorate
Nirman Bhawan

New Delhi, dated the 10th June, 2014

OFFICE MEMORANDUM

Subject: Minutes of 135th Meeting of the CSMC under Urban Infrastructure & Governance (UIG), JnNURM.

Minutes of 135th meeting of the Central Sanctioning and Monitoring Committee (CSMC) under Urban Infrastructure & Governance (UIG), JnNURM held at 11.00 A.M. on Thursday, the 5th June, 2014, in Conference Room (Room No. 123-C), Nirman Bhawan, New Delhi under the Chairmanship of Secretary (UD) Ministry of Urban Development, are circulated.

(T. K. Majumda
Director (N.I)
Tel. No. 230612)

To

CSMC Members:

1. The Secretary, Ministry of Housing & Urban Poverty Alleviation, Nirman Bhawan, New Delhi.
2. The Home Secretary, Ministry of Home Affairs, North Block, New Delhi.
3. The Secretary, Department of Expenditure, Ministry of Finance, North Block, New Delhi.
4. The Secretary, Ministry of Environment & Forests, Paryavaran Bhawan, C Complex, Lodhi Road, New Delhi.
5. The Secretary, Ministry of Social Justice & Empowerment, Shastri Bhawan, New Delhi.
6. The Secretary, Department of Heavy Industries, Udyog Bhawan, New Delhi.
7. The Sr. Adviser (HUD), Planning Commission, Yojana Bhawan, New Delhi.
10. The Chairman-cum-Managing Director, Housing and Urban Development Corporation (HUDCO), India Habitat Centre, Lodhi Road, New Delhi.
11. The Secretary, Department of Information Technology, 6-CGO Complex, Delhi.
12. The Joint Secretary (UD & Mission Director), Ministry of Urban Development, Nirman Bhawan, New Delhi.
13. The JS (UT), Ministry of Urban Development, Nirman Bhawan, New Delhi.
14. The Adviser, CPHEEO, Nirman Bhawan, New Delhi.
State Governments have taken all the 4 installments of ACA and the States are required to report completion of these projects at the earliest.

6. The Committee noted that the State Governments are required to complete the projects sanctioned up to 31st March, 2012 from their own resources, which has already been communicated to them by the Mission Directorate.


The Mission Director presented the status of such projects and explained that in case of 18 projects sanctioned by the CSMC, the installment could not be released by the Ministry of Finance due to budgetary ceiling etc. The reason cited by the MoF for non-release of ACA in case of 4 projects, as brought out in agenda, has been the mismatch between the figures of the approved cost of the project requested for, release as per the CSMC minutes and the agenda placed before the CSMC. In case of remaining 14 projects the Ministry of Finance has returned them due to the budgetary constraint/ceiling as brought out in the agenda. In case of other 2 projects; 1 project of Pune and 1 project of Indore costing above Rs 100 crore having approval of the then UDM, sent to Ministry of Finance but fund could not be released by the Ministry of Finance.

After discussion, CSMC decided to recommend as follows:

“Wherever the projects could not be sanctioned finally by the competent authority, it would be deemed to have not been sanctioned even though CSMC have recommended for sanction. Accordingly, the following projects would not qualify for release of funds in 2014:

(a) List of 2 nos of projects costing more than Rs.100 crore, annexed at Annexure -A.
(b) List of 4 nos. of projects, annexed at Annexure -B.
(c) List of 14 projects, annexed at Annexure -C.

It was also decided that the State Governments would be free to resubmit these projects in the new phase, as and when launched and under the guidelines stipulated for the same.
 Date: 11/10/2012

**Teluka:** TISWADI

**Village:** Baingulnim

**Name of the Field:**

<table>
<thead>
<tr>
<th>Cultivable Area (Ha, Acre, Sq. Mtrs)</th>
<th>Survey No.</th>
<th>Sub Div. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dry Crop</th>
<th>Garden</th>
<th>Rice</th>
<th>Khajjan</th>
<th>Kar</th>
<th>Monad</th>
<th>Total Cultivable Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000.00</td>
<td>0011.45</td>
<td>64</td>
<td>0000.00</td>
<td>0000.00</td>
<td>0000.00</td>
<td>0000.00</td>
</tr>
</tbody>
</table>

**Un-cultivable Area (Ha, Acre, Sq. Mtrs) Mahilkik Kshet (है, अकर, चौ. मी.)**

<table>
<thead>
<tr>
<th>Class (a)</th>
<th>Class (b)</th>
<th>Total Un-Cultivable Area</th>
<th>Grand Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000.00</td>
<td>0000.15</td>
<td>60</td>
<td>0011.61</td>
</tr>
</tbody>
</table>

**Assessment:** Rs. 0.00

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of the Occupant</th>
<th>Khata No.</th>
<th>Mutation No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>The Commissioner/Administrator of Corporation of City of Panaji, Panaji Goa.</td>
<td>22170</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of the Tenant</th>
<th>Khata No.</th>
<th>Mutation No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Other Rights:** दार युक्त

Name of Person holding rights and nature of rights:

<table>
<thead>
<tr>
<th>Mutation No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Details of Cropped Area:**

<table>
<thead>
<tr>
<th>Year</th>
<th>Name of the Cultivator</th>
<th>Mode</th>
<th>Season</th>
<th>Name of Crop</th>
<th>Impacted</th>
<th>Untreated</th>
<th>Land not Available</th>
<th>Nature</th>
<th>Area of Land not Available</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Name of the Cultivator</th>
<th>Mode</th>
<th>Season</th>
<th>Name of Crop</th>
<th>Impacted</th>
<th>Untreated</th>
<th>Land not Available</th>
<th>Nature</th>
<th>Area of Land not Available</th>
</tr>
</thead>
</table>

End of Report

For any further inquiries, please contact the Mumlaladar of the concerned Teluka.
Date: 26/09/2012

Taluka: TISWADI

Village: Bainguinim

Name of the Field:

Cultivable Area (Ha, Ars, Sq. Mtrs) सागर स्तर क्षेत्र (हेत, आरस, वर्ग मी.)

<table>
<thead>
<tr>
<th>Dry Crop</th>
<th>Garden</th>
<th>Rice</th>
<th>Khajran</th>
<th>Ker</th>
<th>Morad</th>
<th>Total Cultivable Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000.00</td>
<td>0001.45.71</td>
<td>0000.00.00</td>
<td>0000.00.00</td>
<td>0000.00.00</td>
<td>0000.00.00</td>
<td>0001.45.71</td>
</tr>
</tbody>
</table>

Un-cultivable Area (Ha, Ars, Sq. Mtrs) अवस्यक क्षेत्र (हेत, आरस, वर्ग मी.)

<table>
<thead>
<tr>
<th>Class (a)</th>
<th>Class (b)</th>
<th>Total Un-Cultivable Area</th>
<th>Grand Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000.00</td>
<td>0000.00.00</td>
<td>0000.00.00</td>
<td>0001.45.71</td>
</tr>
</tbody>
</table>

Assessment: Rs. 0.00

Prevalent Rs. 0.00

Predial Rs. 0.00

Rent Rs. 0.00

S.No.  Name of the Occupant कर्मचारीवान संगत

1 The Commissioner/Administrator of
Corporation of City of Panaji, Panaji Goa.

Khata No. खाते संख्या

Mutation No. फरंदर मत्र

Remarks शेखर

S.No.  Name of the Tenant कुशवान संगत

Other Rights दृढ़ हक

Name of Person holding rights and nature of rights:

Nil

Details of Cropped Area चालन स्तर स्मरणीय

End of Report

For any further inquiries, please contact the Mamlimadar of the concerned Taluka.
Date: 26/09/2012

Taluka: TISISWADI
Village: Bainguinim
Name of the Field: Bovaso

Cultivable Area (Ha,Ars, Sq.Mtrs) शायद क्षेत्र (हे, आर, स्कव, म्ह.)

<table>
<thead>
<tr>
<th>Dry Crop</th>
<th>Garden</th>
<th>Rice</th>
<th>Khajan</th>
<th>Ker</th>
<th>Morad</th>
<th>Total Cultivable Area</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0000.00.00</td>
</tr>
<tr>
<td>0000.00.00</td>
<td>0006.04.27</td>
<td>0000.00.00</td>
<td>0000.00.00</td>
<td>0000.00.00</td>
<td>0000.00.00</td>
<td>0000.00.00</td>
</tr>
</tbody>
</table>

Un-cultivable Area (Ha,Ars,Sq.Mtrs) नापिक क्षेत्र (हे, आर, स्कव, म्ह.)

<table>
<thead>
<tr>
<th>Class (a)</th>
<th>Class (b)</th>
<th>Total Un-Cultivable Area</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0000.00.00</td>
<td>0000.00.00</td>
<td>0000.00.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0000.00.00.27</td>
</tr>
</tbody>
</table>

Assessment: Rs. 0.00

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the Occupant</th>
<th>Khata No.</th>
<th>Mutation No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>The Commissioner/Administrator of Corporation of City of Panaji, Panaji Gos.</td>
<td>22171</td>
<td></td>
</tr>
</tbody>
</table>

S. No.  | Name of the Tenant  | Khata No. | Mutation No. |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Nil</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Other Rights इत्यादि जात्वक हस्ताक्षरीय नियम

Name of Person holding rights and nature of rights: इत्यादि जात्वक हस्ताक्षरीय नियम

Details of Cropped Area विशेषांकित क्षेत्रांकित विवरण

<table>
<thead>
<tr>
<th>Year</th>
<th>Name of the Cultivator</th>
<th>Mode</th>
<th>Season</th>
<th>Name of Crop</th>
<th>Irrigated</th>
<th>Unirrigated</th>
<th>Land not Available for Cultivation</th>
<th>Nature</th>
<th>Area of Crop</th>
<th>Source of Irrigation</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

End of Report

For any further inquiries, please contact the Mamlatdar of the concerned Taluka.
Project:- Acquisition of land for Integrated Sanitary Landfill and Solid Waste Management Site for City Corporation of Panaji.

Certified that the Possession of the below mentioned land and trees have been taken over today i.e. on 13/01/2009 at ... hrs under section 16 of the Land Acquisition Act, 1894.

<table>
<thead>
<tr>
<th>Sr No</th>
<th>Tahuka</th>
<th>Village/City</th>
<th>Sy.No.</th>
<th>Area in Sq.mtr</th>
<th>Trees No.</th>
<th>Structure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Tiswadi</td>
<td>Bainguinim</td>
<td>20/1 (P)</td>
<td>116114</td>
<td>As per valuation reports</td>
<td>---</td>
</tr>
<tr>
<td>2</td>
<td>-do-</td>
<td>-do-</td>
<td>20/2 (P)</td>
<td>40627</td>
<td>-do-</td>
<td>---</td>
</tr>
<tr>
<td>3</td>
<td>-do-</td>
<td>-do-</td>
<td>20/3-A (P)</td>
<td>14571</td>
<td>-do-</td>
<td>---</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Total</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>171312 Sq.mtr</td>
</tr>
</tbody>
</table>

The above land vest absolutely in Government free from all encumbrances (vide section 16 of the Land Acquisition Act, 1894).

Place:- Bainguinim, Old Goa.
Dated: 13/01/2009

In our presence 1) ..............................................................
2) ..............................................................

The possession of the land and trees mentioned in this certificate have been taken over on behalf of Acquiring Department viz. The Commissioner/Administrator of Corporation of City of Panaji, Panaji Goa, today from the Dy. Collector (Rev), Collectorate North Goa District, Panaji.

Place: Bainguinim, Old Goa
Date: 13/01/2009.

Representative of Acquiring Department
IN THE OFFICE OF THE DEPUTY COLLECTOR (REV) COLLECTORATE
OF NORTH GOA DISTRICT, PANAJI.

Case No. XVI/5/DC(REV)/2006

Project: Acquisition of land for Integrated Sanitary Landfill
and Solid Waste Management site for City
Corporation of Panaji.

AWARD

The Land Acquisition proceedings commenced with the publication of the
Notification issued under Section 4 (1) of the Land Acquisition Act, 1894
(hereinafter referred to as the said Act) bearing No. 22/6/2006-RD dated
07/03/2006, published in the Official Gazette (Extraordinary No. 2) on pages 1222-
1223, Series II, No. 49 dated 10/03/2006 and in two local newspapers viz (1)

2) The requisite public notices u/s 4 (1) of the L.A. Act, 1894 were issued and
published at the appropriate places through the Mamlatdar of Tiswadi on 9/6/2006.

3) My predecessor has inspected the site on 18/10/2006 in the presence of the
representative of the acquiring department i.e. the Commissioner, Corporation of
the City of Panaji.

4) Classificationwise, the land proposed to be acquired falls partly in S2 Zone
and mainly recreational zone (R) as per the O.D.P. for Kadamba plateau. The land
proposed to be acquired is situated at village Bainguinim of Tiswadi Taluka falling
under Sy.No. 20/1 (P), 20/2 (P) and 20/3-A (P). During the course of inspection, it
is seen that there are some big quarries and the remaining area is plain, hilly in
nature. A High Tension line is passing in the middle of the land to be acquired
and on the South side i.e. on the boundary of the proposed land there is an
ancient Historical laterite stone Fort Walls belonging to the period of the Kadamba
Kingdom. There is also a water pipeline (Opa water supply line) passing through the land to be acquired. During the course of inspection, it is also seen that Shri Sadhguru Narendra Maharaj Saunsthan has purchased some land for construction of a Mutt which is a charitable religious organization which is about 200 mtrs from the acquisition. Besides, the International School known as “Sunshine School” is being constructed which is also close to the proposed site. It is also seen that close to the area to be acquired, large properties have been developed for construction purpose and most of the plots have been purchased by the individual parties for residential houses. It is also seen that area under acquisition lies about 1.5 Km from the Churches of Old Goa, St. Augustine Tower and other Historical Monuments, Old Heritage site for Old Goa. The land has been duly demarcated by the boundary stones and the said land was needed for the public purpose for which it is being acquired and accordingly the report under Section 5A of the said Act was submitted to the Government which was approved.

Thereafter, a Notification under Section 6 of the said Act was issued by the Government bearing No. 22/6/2006-RD dated 02/11/2006 published on pages 740-741 of the Official Gazette, Series II, No. 32 dated 09/11/2006 and in two local newspapers viz (1) Navhind Times dated 7/11/2006 and (2) Navprabha dated 03/11/2006 declaring Government’s intention to acquire the land specified in the Schedule attached to the said Notification for the public purpose viz: Land Acquisition for Integrated Sanitary Landfill and Solid Waste Management Site for City Corporation of Panaji. The Dy. Collector (REV), Collectorate of North Goa District, Panaji was appointed to perform the functions of the Collector North Goa District, Panaji for all proceedings in respect of the said land and was directed under Section 7 of the said Act to take order for acquisition of the said land. The Notification under Section 6 has been published through the Mamlatdar of Tiswadi on 16/11/2006.
6) The land to be acquired has been properly surveyed and demarcated with the boundary stones and the Survey Report/Survey Plan prepared. The survey report incorporated the particulars of the land to be acquired. The plan so prepared which has been referred to in the last para of the Government Notification under Section 6 dated 02/11/2006 was kept for public inspection in this office alongwith the Survey Report.

The requisite public notices under Section 9 & 10 of the said Act were issued and published at the appropriate places on 12/01/2007 through the Mamlatdar of Tiswadi. Individual notices were also served on the interested persons in the manner described under Section 45 of the said Act.

TRUE AREA AND NATURE OF THE LAND

7) The total area proposed in the Government Notification No. 22/6/2006-RD dated 07/03/2006 under Section 4 of the L.A. Act 1894 was 1,72,409 sq. mtrs and after the final survey carried out by the Directorate of Settlement and Land Records, Panaji, it has been confirmed that an area of 1,71,312 sq. mtrs which is actually required for the above purpose was notified after preparing the Survey Report/survey plan. No one has objected to the measurement of the said land proposed in the Notification under Section 6 of the Act and as such, I hold that 1,71,312 sq. mtrs is the true area of the land for the purpose of this award. The nature of the land being acquired is bharad land i.e (Partly S2 zone and mainly recreation zone (R) in nature.

COMPENSATION

8) The public and individual notices were issued as per the names of the interested persons mentioned in the schedule attached to the above Notification and the claims for compensation filed by them are recorded below.
9) The compensation in respect of the land under acquisition is to be determined taking into consideration the various factors as stipulated in the Section 23 of the Land Acquisition Act, 1894. One of the factors is the market value of the land that was prevailing in that locality on the last date of publication of Public notice under Section 4(1) of the Act, besides the nature, situation as well as potentiality of the land in question.

10) The individual notices were issued and served on the interested parties as well as those who are believed to be interested under section 9 & 10 of the L.A. Act 1894, through the Mamlatdar of Tiswadi. The hearing of the claims for compensation w/s 9 & 10 of the L.A. Act which was fixed on 30/01/2007 was adjoined till further notice and the same was communicated to all the interested parties vide this office notice dated 22/01/2007 and the hearing in to the claims w/s 9 & 10 could not be taken place.

Thereafter, this office vide letter dated 30/01/2007 requested the Government to inform this office whether the Government intends to take the land acquisition proceedings on hold or to proceed further. The Under Secretary (Rev) vide letter No. 22/6/2006-RD dated 31/01/2007 forwarded a copy of the Cabinet Decision dated 13/12/2006 to keep the acquisition of land for Garbage site at Baiguinim on hold and to ensure that no further action is taken on notices received by some land owners w/s 9 & 10 of the L.A. Act.

Thereafter, the decision of the Government to keep the garbage site to Baiguinim on hold was informed to all the interested parties vide this office notice No. XVI/5/DC (Rev)/2006 dated 02/02/2007.
Subsequently, the Under Secretary (Rev) vide letter No. 22/8/2007-RD(6068-CAB) dated 12/12/2007 has informed that the Government in another Cabinet meeting held on 15/11/2007 decided to proceed with the process of land acquisition for Landfill site at Baigunim for the City Corporation of Panaji. Accordingly, the process is restarted again and fresh notices w/s 9 & 10 were issued again and served to all the interested parties informing the latest decision of the Government, directing to appear before the Land Acquisition Officer on 04/01/2008 at 10.30 a.m. to file their claims regarding compensation. In response to the said individual notices, the following interested parties filed their claims of compensation as follows:

a) M/s Prithvi Consultants Pvt. Ltd., r/o Shiv Towers, Patto Plaza, Panaji Goa vide application dated 11/01/2008 has stated that the four plots under Sy.No. 20/1 admmeasuring 63080 sq.mtrs are registered in the name of their company and the same are hypothecated to various banks for loan and they are in arrears of more than two crores to the banks. They have further stated that they have planned to use these land for residential township keeping in mind the future residential requirements. It is further stated that they are receiving demand to buy plots at the rate of Rs. 4000/- to Rs. 5000/- per sq.mtr and cited various reasons which would be adversely affected due to the present acquisition and requested not to considered the area for acquiring for garbage dump. In evidence, they have enclose the copies of loan sanction letter from the bank and copies of the sale deed wherein they have purchased four plots of property under Sy.No. 20/1 which are sold at the rate of Rs. 149/- per sq.mtr and Rs. 114/- per sq.mtr respectively.

b) Shri Jose Filipe P. Braganza, r/o Angod, Mapusa, Bardez Goa vide his application dated 11/01/2008 has stated that he is the interested party in the land to be acquired for the above purpose and put his objection that it is reserved
area and in the event of disposal of waste matter it will cause great health hazards. He has also stated that the land to be acquired falls in Settlement zone and can be used only for residential purpose and not for dumping or depositing garbage. The applicant has further stated that once the solid waste is dump in the said area, there would be obvious consequential fall outs such as bad smell, stink and the waste would be scattered all around. The applicant further also cited various reasons which would be effected due to land acquisition and also stated that the land in question being of prime nature and classified as Settlement zone claimed the compensation at the rate of Rs. 2500/- per sq.mtr. In support of his claim regarding market rate the applicant has not produced any documentary evidence to substantiate his claim.

c) The Manager, Sadguru Narendra Maharaj Saunsthan, Alto Porvorim, Goa vide their application dated 11/01/2008 has stated that in spite of heavy anguish and protest from the citizens at large, the aforesaid project is against the public interest and public hygiene decided to proceed with the project. They have cited all the other important surrounding institutions which will affect due to this acquisition including their Holiness and in spite of this if Government is proceeding with the project against the norms laid down by the Commission, compelling them to file a Write Petition. The Saunsthan further stated that according to them, their land is not under acquisition and in any way, the same is affected, they have claim the compensation of Rs. 1 crore.

d) Shri Shamsundar Kamat, son of Vassudev Kamat appeared for hearing on 11/01/2008 and did not filed any claim.

As the notices w/s 9 & 10 of the I.A. Act, issued to the interested parties only to file their claims of compensation, the interested parties filed their objections stating that the plant would be a nuisance in the surrounding locality.
Commissioner of the Corporation of the City of Panaji has stated that the site for garbage treatment plant has been proposed as per the directives of the Supreme Court as they did not have a waste disposal site and they had received several notices from the Goa State Pollution Control Board to have a disposal for treatment facility for the garbage generated within the Corporation of the City of Panaji jurisdiction. The Commissioner further stated that the Hon’ble Supreme Court has been monitoring the implementation of Municipal Solid Waste (Management and Handling) Rules, 2000 and any delay in making the disposal and treatment facility may amount to contempt of Hon’ble Supreme Court directives.

The Commissioner of the Corporation of the City of Panaji, further commented that the Corporation proposed to put up Garbage Treatment plant at Baigunim site, since there is no possibility of any nuisance to the surrounding residents, institution and heritage structure as reported by the above parties in their objection for the proposed site. The Commissioner assured by stating that Garbage Treatment Plant will be properly surrounded by physical as well as visual barriers and the treatment plant will be constructed strictly within the parameters of Municipal Solid Waste (Management and Handling) Rules, 2000 monitored by the Hon’ble Supreme Court. It is also stated that a buffer zone of minimum 30 mtrs should also be reserved all around the land being acquired for the project. As regards to Opa water supply pipeline passing through the land under acquisition, the Acquiring Department shall make necessary provision to maintain the safe distance regarding the possible leakage/seepage to ground water and hydrological attributes of the site. The possibility of excluding the water pipeline from the acquisition as demanded by various parties can be determined by Acquiring Department. The need for erecting a concrete underground compound wall with adequate depth and compound wall above that before the water pipeline will ensure the pipeline not getting corroded/affected by various affluent that could
seep in over a period time and contaminate the drinking water could be explored so that the public opinion against the water pipeline coming within the area of treatment plant can be eliminated in the beginning itself.

11) In order to determine the value of the land under acquisition, the Acquiring Department vide letter No. F.20/CCP/Eng/Government/2007-08/4086 dated 04/1/2008 has furnished the Sales Statistics of the plots sold in the vicinity of the land to be acquired after obtaining the same from the Mamlatdar of Tiswadi. The details of the said Sales Statistics are as under:

<table>
<thead>
<tr>
<th>Sy. No.</th>
<th>Regn. No. of sale</th>
<th>Date of execution</th>
<th>Area in sq. mtrs</th>
<th>Total value in Rupees</th>
<th>Rate per sq. mtr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>18/1</td>
<td>282</td>
<td>17/02/2005</td>
<td>483</td>
<td>2,75000/-</td>
<td>Rs. 569/-</td>
</tr>
<tr>
<td>20/1-A</td>
<td>2570/06</td>
<td>28/9/2006</td>
<td>381</td>
<td>1,28000/-</td>
<td>Rs. 336/-</td>
</tr>
<tr>
<td>30</td>
<td>2964/06</td>
<td>10/11/2006</td>
<td>363</td>
<td>2,01,600/-</td>
<td>Rs. 554/-</td>
</tr>
<tr>
<td>26/2-B</td>
<td>1749/07</td>
<td>02/07/2007</td>
<td>224</td>
<td>8,60,000/-</td>
<td>Rs. 3839/-</td>
</tr>
</tbody>
</table>

12) The plots at serial No. 1, 2 & 4 of above sales statistics were inspected by me on 22/01/2008 along with the UDC attached to this office in the presence of representative of Acquiring Department and the Talathi of village Se Old Goa and the details of the said plots are as under:

1) The plot at Serial No. 1, sold vide registration No. 282 dated 17/02/2005, under Sy.No. 18/1 is a vacant plot and about 100 mtrs away from the National Highway by-pass leading Panaji to Ponda. The said plot is situated near plateau valley and opposite to gas refilling station. It is a garden type of land situated about 1 Km away from the land to be acquired and about 2 Kms away from the Old Goa Churches. It is a fully developed plot having all facilities and sold at the rate of Rs. 569/- per sq.mtr for an area of 483 sq.mtrs.
2) The plot at Serial No. 2, sold vide registration No. 2570/06 dated 28/9/2006 under Sy.No. 20/1-A is one of the vacant plot of a big sub-division, situated behind Sadguru Narendra Maharaj Saunsthan. It is a bharad land in nature and situated about 1 Km away from the land to be acquired and about 1½ Km away from Old Goa churches. The said plot is purchased by Mr. Vardhan G. Masurkar, r/o Mumbai from Landmark developments who has developed the plots for residential purpose. The area sold through the sale deed is 381 sq.mtrs at the rate of Rs. 336/- per sq.mtr in the year 2006.

3) The plot at Serial No. 3, sold vide registration No. 2964/06 dated 10/11/2006 under Sy.No. 30 is situated at Panvel-Ribandar and far away from the acquisition site and therefore the same has not been verified.

4) The plot at Serial No.4, sold vide registration No. 1747/07 dated 02/07/2007 under Sy.No. 26/2-B is purchased by Shri Mathias Monteiro is a vacant plot situated in the interior from NH-17 and opposite to Navelkar city at Baiguinim. The said plot is one of the plot of a big sub division having only internal roads with no water supply and electricity. It is situated about 2 Kms away from the acquisition and about 3 Kms from the Old Goa Churches. It is a garden land in nature sold at the rate of Rs. 3839/- per sq.mtr for an area of 224 sq.mtrs.

13) All the plots shown in the sales statistics furnished by the Mamladtar of Tiswadi are within a radius of 1 km to 2 kms away from the area to be acquired and they are developed plots having all facilities for construction related activity. However, the land under acquisition is for Integrated Sanitary Landfill and Solid Waste Management Site and therefore the rates of the said developed plots which are smaller in size sold at the higher rates and which are meant for residential purpose cannot be directly compared with the land under acquisition, as the land being acquired is vast area and needs lot of expenditure for its developments.
14) As there is no suitable document to fix the market rate for the land being acquired, I, therefore take a base of one of the plot sold by the interested parties under Sy. No. 20/1 wherein an area of 14,772 sq. mtrs was sold at the rate of Rs. 149/- per sq.mtr under Deed of Sale dated 01/06/2006. As the above Deed of Sale is registered on 01/6/2006 which forms part and parcel of the same sub division and it is a small plot, whereas the land under acquisition is vast land and need a lot of expenditure for its development and therefore I fix Rs. 150/- per sq.mtr which I take a base for determining the market price of the land in the present award.

15) In the circumstances stated above and after considering the present situation, nature, potentiality and the topography of the land and also taking into consideration that the land to be acquired is situated in the prime locality and partly falls in S2 zone and mainly recreational zone (R) as per the ODP as stated by the Town and Country Planning Department, I feel that the rate of Rs.150/- for untenanted bharad (partly S2 and recreational zone (R) is reasonable under this award.

16) The Acquiring Department vide letter No. F.20/CCP/ENG/Govt/2008-09/465 dated 07/05/2008 and also vide letter No. F-20/CCP/ENG/GOVT/2007-08/1593 dated 11/07/2008 has submitted the valuation of the fruit bearing as the well as forest trees existing in the land under acquisition done by the Zonal Agricultural Officer, Tiswadi, Ella, Old Goa and Dy. Conservator of Forest, North Goa Division, Ponda Goa. According to this, the valuation done by the Zonal Agricultural Officer comes to Rs. 37,555/- and that done by the Dy. Conservator of Forest, North Goa Division, Ponda comes to Rs. 68, 908/-. I accept the same since the valuation is made by the experts and I am awarding the said amount to the concerned interested parties in addition to the compensation payable for the land.
17) Besides this, I award 30% solatium charges in terms of Section 23(2). I also award 12% interest in terms of Section 23 (1-A) of the Land Acquisition Act, 1894 from the last date of publication of public notices under Section 4(1) at the appropriate places through the Mamlatdar of Tiswadi i.e. from 09/06/2006 till the date of award. The details of compensation awarded is shown in the statement “A” appended hereto.

18) The total compensation under this award works out as under:-

<table>
<thead>
<tr>
<th>A) Market value of land</th>
<th>Area x Rs.</th>
<th>Total value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Unrented Bharad land</td>
<td>171312 X Rs.150/-</td>
<td>Rs. 2,56,96,800/-</td>
</tr>
<tr>
<td>2) Valuation of all type of trees</td>
<td></td>
<td>Rs. 1,06,463/-</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>Rs. 2,58,03,263/-</td>
</tr>
</tbody>
</table>

B) 30% Solatium charges as provided under section 23(2) of the L.A. Act. _______ Rs. 77,40,979/-

C) 12% interest in terms of section 23 (1-A) w.e.f. 09/06/2006 till 13/11/2008 (889 days) _______ Rs. 75,41,622/-

Total (A+B+C) _______ Rs. 4,10,85,864/-

**APPORTIONMENT OF COMPENSATION**

19) The apportionment of compensation is done taking into consideration the claims filed by the interested parties after enquiry into their claims and documents on record. The land under acquisition comprises an area of 171312 sq. mtrs under Survey numbers 20/1 (P), 20/2 (P) and 20/3-A (P) of Village Baigunim in Tiswadi Taluka.
a) As regards to plot under Sy. No. 20/1 (P), the same is notified in the name of nine owners namely:-

1) Melba Lima Brito
2) Jose Filip P. Braganza
3) Government of Goa, Executive Engineer, W.D. III (PHE), PWD, Panaji-Goa
4) Jose Santano Dias
5) Celia Dias
6) Nazario Alfredo Magalhaes
7) Prithvi Consultants Pvt., Ltd.,
8) Pipi Yadu Kavlekar
9) Sezu Narayan Gaude alias Sezu Kavlekar and

Besides the above parties, the Manager Sadhguru Narendra Maharaj Saunsthan and Prabhavati Shambu Kavlekar also claim to be the owners. They have not supported any documentary evidence in support of their say. None of the above interested parties have shown their individual share in area. Therefore I order that the amount of compensation in respect of Sy.No. 20/1 (P) be kept under Revenue Deposit till all the interested parties produces clear documentary evidence regarding individual share in area measurements.

b) As regards to plot under Sy. No. 20/2 (P), the same is notified in the name of Vassudev Vishwanath Kamat and Government of Goa, Executive Engineer, W.D. III (PHE), PWD, Panaji as owners. Shri Shamsundar Vassudev Kamat, Son of late Vassudev Vishwanath Kamat appeared for hearing u/s 9 & 10 of the L.A. Act and not file any claim. The Executive Engineer, W.D. III (PHE), PWD, Panaji has also not produced any evidence in proof to show the total area acquired for laying the pipeline. Therefore I order that the amount of compensation be kept under Revenue Deposit till both the interested parties shows clear documentary evidence in respect of the individual area.
c) As regards to plot under Sy.No. 20/3-A (P), the same is notified in the name of Good Earth Real Estate and Developers Pvt. Ltd., as a individual owner. Since no any claim is received besides the above owner, therefore I apportion the compensation in favour of Good Earth Real Estate and Developers Pvt. Ltd. The details of compensation awarded is shown in the statement “B”.

18) All the interested persons who may receive the compensation under this Award are given to understand that they will be liable under the third proviso to Section 31(2) of the said Act, to refund the said amount of compensation or a portion thereof in the event of any other person being adjudged to be lawfully entitled thereto.

19) The Acquiring Department should ensure that the record of rights and all the relevant documents relating to the ownership of the land are modified to show the transfer of the plots indicated in the Award which shall vest solely in the Government consequent to the taking over of the possession of the land and the payment of the awarded amount of compensation to concerned interested parties.

20) This Award is declared with the prior approval of the Government i.e. Collector of North Goa District, Panaji under powers delegated in terms of Section 11(1) of the said Act, vide his Office Memorandum No. COL/CONF/56/2008 dated 13/11/2008.

Place: Panaji-Goa.
Date: 13/11/2008

(A.A.J. Fernandes)
Dy. Collector (REV) &
Land Acquisition Officer,
Panaji-Goa
<table>
<thead>
<tr>
<th>Total</th>
<th>2.03</th>
<th>3.00</th>
<th>2.02</th>
<th>3.00</th>
<th>3.10</th>
<th>3.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>f</td>
<td>12</td>
<td>10</td>
<td>4</td>
<td>2</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>e</td>
<td>11</td>
<td>9</td>
<td>4</td>
<td>2</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>d</td>
<td>12</td>
<td>10</td>
<td>4</td>
<td>2</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>c</td>
<td>11</td>
<td>9</td>
<td>4</td>
<td>2</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>b</td>
<td>12</td>
<td>10</td>
<td>4</td>
<td>2</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>a</td>
<td>11</td>
<td>9</td>
<td>4</td>
<td>2</td>
<td>1</td>
<td>5</td>
</tr>
</tbody>
</table>

**Village:** Rambaghun

No. X/15/24/CR/2006

**Statement A**
<table>
<thead>
<tr>
<th>Remarks</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Area of the material parts to which the compensation has been appportioned</td>
<td></td>
</tr>
<tr>
<td>Amount of</td>
<td></td>
</tr>
<tr>
<td>Survey No.</td>
<td></td>
</tr>
<tr>
<td>Compensation</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>To be paid</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>3483471</td>
<td>3483471</td>
</tr>
<tr>
<td>976461</td>
<td>976461</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2017P</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>4</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>2</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>1</th>
<th>1</th>
</tr>
</thead>
</table>

Table: 1

Statement B

No. XV/5/DCR(EV)/2006

Remittances: Bursar's

Date: 14/1/2003

To the Land Revenue Officer

Depot Chitradurga

Village: Bursar's

Amount of

<table>
<thead>
<tr>
<th>Remarks</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Area of the material parts to which the compensation has been appportioned</td>
<td></td>
</tr>
<tr>
<td>Amount of</td>
<td></td>
</tr>
<tr>
<td>Survey No.</td>
<td></td>
</tr>
<tr>
<td>Compensation</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>To be paid</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>3483471</td>
<td>3483471</td>
</tr>
<tr>
<td>976461</td>
<td>976461</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>4</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>2</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>1</th>
<th>1</th>
</tr>
</thead>
</table>

Table: 1
IN THE HIGH COURT OF BOMBAY AT GOA

SUO MOTO WRIT PETITION NO.02 OF 2007

... Petitioner

versus

State of Goa,
Through Chief Secretary
and 18 others.

... Respondents

Ms. Norma Alvarens, Amicus Curiae.

Mr. P. A. Khokhar, Advocate for the respondent no.1.

Mr. S. N. Joshi, Advocate for the respondent no.2.

Mr. S. S. Kantak, Advocate General with Ms. R. Chodankar,
Additional Government Advocate for the respondents no.1, 3 to 6.

Mr. A. F. Diniz, Advocate for the respondent no.7.

Mr. S. D. Padiyar, Advocate for the respondents no.8, 9, 12, 15
and 19.

Mr. A.R.E. Nekar, Advocate for the respondent no.10.

Mr. Sudesh Jegaonkar, Advocate for the respondent no.13.
Mr. D. Pangam, Advocate for the respondent no.15.

Ms. S. Paikar, Advocate for the respondent no.27.

Mr. Z. De Souza, Advocate for the respondents no.33, 35 to 37.

Mr. S. D. Lotlikar, Senior Advocate with Ms. S. Mordekar, Advocate for the respondents no.18 and 46.

CORAM: S. A. BOBDE, J.
R. C. CHAVAN, J.

Date: 09.07.2008.

P.C.

We have heard the learned counsels for the respective parties and the learned Amicus Curiae. It is obvious that expeditious measures have to be taken. Hence the following order:

Considering that the Municipal Councils may require some more time to make permanent
arrangements for disposal of solid waste in accordance with the MSW Rules, and

Considering that urgent steps are required to be immediately adopted by the Municipal Councils for safe disposal of the garbage that is presently being collected by them.

The procedures set out at (A) shall be immediately adopted by all Municipal Councils not having waste treatment plant or waste disposal facilities presently in operation and the procedures listed at (B) shall be adopted by all Municipal Councils within 6 months from the date of this order.

(The term 'Municipal Council' includes Corporation of the City of Panaji).

A. Immediate Measures to be adopted by Municipal Councils:

1. All the waste that is collected by the councils shall be segregated into organic waste (biodegradable) and inorganic waste (non biodegradable).
2. The organic waste shall forthwith be prepared for composting. Temporary facilities for composting may be arranged in one or several places and these facilities shall be made operational within 30 days from the date of this order.

3. Plastic waste (bags/sheets) shall be bailed (compacted and tied securely). Records shall be maintained of the quantum of plastic waste that is collected. The council shall try to dispose of the plastic waste through recyclers and shall keep full records of the quantum of waste that is sent for recycling and the name of the recycler. If a council is unable to dispose of the plastic waste it shall inform the Pollution Control Board of the quantum of waste that it is holding.

4. Other non-biodegradable waste including residual waste may either be sent for recycling or stored securely for burial in sanitary landfill when it becomes available.

5. The Goa State Pollution Control Board shall inspect the facilities set up by the Municipal Councils after 30th August, 2008 and shall report to this Court by 15th September, 2008 on whether or not the councils have complied with the aforesaid procedures. The Board shall
specifically report on:

a) Whether the garbage that is collected is being segregated;
b) Whether composting facilities are set up and functioning;
c) Whether plastic waste is being baled.

B. Interim Measures to be adopted by the Municipal Councils (within 6 months)

1. Each Municipal Council/Corporation shall organize collection of Municipal solid waste i.e. Commercial and residential waste generated in the municipal area. The councils shall ensure segregation of such waste into organic (biodegradable) and inorganic waste (non biodegradable) in separate bins of different colours. The councils shall be at liberty to levy charges for such collection and different charges shall be levied for residential and for commercial establishments. The Councils/Corporation shall thereafter process the organic collected waste by method of composting by setting up composting stations within its jurisdiction.
2. It is stated across the Bar that this method is being successfully implemented by the Corporation of City of Panaji, which has set up about 90 composting stations within its jurisdiction. It is also stated that the Corporation charges Re.1 per day/Rs.300 per year for individual households and Rs.300/- to Rs.2500/- per month for hotels and commercial establishments generating Municipal solid waste, depending upon quantum of waste generated. Direction no.1 hence shall not apply to the Corporation since Corporation has already implemented the same. Corporation shall continue to implement the said direction.

3. All Municipal Councils/Corporation shall set up an adequate number of composting stations per ward. This will not apply to Mormugao Municipal Council which has already a waste disposal plant in operation. It is stated across the Bar that Corporation of City of Panaji has set up about 90 composting stations in its jurisdiction.

4. Each Municipal Council/Corporation shall set up such number of collection/storage centers as may be necessary within its jurisdiction to store the inorganic waste i.e. recyclable waste and shall dispose the same by public auction and/or through recyclers.
5. The disposal of inert residual waste shall be done by the Council/Corporation in sanitary land fill site to be constructed in accordance with MSW Rules. The Municipal Councils of Margao, Vasco, Ponda, Bicholim, Sanguem and Sanquelim who are already in possession of the required site shall set up the sanitary land fill sites as per MSW Rules within a period of 6 months from the date of this order. In the meantime and till the land fill sites are set up, the said Municipal Councils shall make arrangements at the same sites which is authorized by Goa State Pollution Control Board for storage of inert waste in closed enclosures.

6. As regards the other Municipal Councils, namely the Municipal Councils of Mapusa, Quepem, Cuncolim, Curchorem-Cacora, Pernem, Canacona and Valpoi and the Corporation City of Panaji, these Authorities shall make arrangements for storage or inert waste at a place preferably within its respective jurisdiction. Councils/Corporation shall ensure that the storage site is enclosed in order to prevent public nuisance. Such storage places should be identified and finalized in consultation with Goa State Pollution Control Board (GSPCB) and should be set up within a period of 30 days from the date GSPCB authorizes the site. Sites will be
identified by the Council within a period of 45 days from date of this order.

7. The GSPCB shall without fail dispose of the application of such Councils seeking consent within a period of 21 days from the date of application.

8. Every Municipal Council referred to in clause (6) above shall set up a land fill site in accordance with MSW Rules 2000 within a period of 6 months after possession of such site is handed over to such Councils/Corporation by the Government.

9. It is stated across the Bar by learned Advocate General that the Government volunteers to provide 50% grant to each Council/Corporation towards setting up of composting station and the land fill sites.

10. Each Council/Corporation shall make setting up of composting station mandatory in all multi-dwelling buildings of more than 20 residential units. This shall be incorporated in the construction licence as one of the conditions. Occupancy certificate shall not be issued if no composting station is set up.
11. Compliance reports shall be filed by each Municipal Council/Corporation before this Hon'ble Court after 3 months indicating the action taken towards setting up of composting stations, collection centers and construction of sanitary land fill sites, wherever applicable.

12. These are interim directions pending further orders in the petition.

2. The learned counsel for Ponda Municipal Council stated that there is no suitable site available within its boundaries for setting up land fill site. He has stated that there is a site available in the adjoining Village Panchayat of Kurti-Khandepar. The learned counsel for Village Panchayat of Kurti-Khandepar denies that a suitable site is not available within Ponda Municipal Council and submitted that therefore, it is not necessary for the Village Panchayat of Kurti-Khandepar to provide site to Ponda Municipal Council. In the circumstances, we direct the Chairperson of Ponda Municipal Council and Sarpanch of Village Panchayat of Kurti-Khandepar to carry out joint inspection of both Ponda Municipal Council and Village Panchayat of Kurti-Khandepar for locating a
suitable site. The joint inspection shall be carried out in the present of an officer of Goa State Pollution Control Board specially deputed by the Government. The inspection shall be carried out on 15.07.2008 during office hours. The Officer of Goa State Pollution Control Board shall submit a report of the availability of the suitable sites in both the areas. The Officer of Goa State Pollution Control Board shall be entitled to require the presence of any officer from Town and Country Planning Department, Water Resources Department and Forest Department. Such an officer whose presence is requisitioned shall make it convenient to be present.


S. A. BOBDE, J.

R. C. CHAVAN, J.
IN THE HIGH COURT OF BOMBAY AT GOA

WRIT PETITION NO. 12 OF 2009

SUNSHINE EDUCATIONAL TRUST AND
ANR., ... Petitioners

Versus

STATE OF GOA THROUGH CHIEF
SECRETARY AND 2 ORS., ... Respondents

Mr. Amey Kakodkar, Advocate for the petitioners.
Mr. S. S. Kantak, Advocate General with Mr. A. Kamat, Addl. Govt.
Advocate for respondent No.1.
Mr. A. F. Diniz, Advocate for respondent No.2.

Coram:- P. B. MAJMUDAR &
N. A. BRITTO, JJ.

Date:- 27th January, 2009

P.C.

By filing the present petition, the petitioners have prayed that the
decision relating to the 'in principle' approval granted to the site for
integrated sanitary landfill and solid waste management, be set aside. It
is also prayed that the respondents may be restrained from setting up any
garbage treatment plant or landfill at the site in question on the ground
that the petitioners are running an educational institute nearby.

2. The learned Advocate General who is appearing on behalf of
the State, on the basis of an advance copy of the petition made available
to him, states that the directions given in Writ Petitions No.431/05 and
other cognate petitions will be followed in this petition. The learned
Counsel appearing for the Corporation of City of Panaji submitted that
the necessary permission from the Goa State Pollution Control Board, as
required under the law, will be obtained before putting the plant in
operation. He also submitted that the directions given in the aforesaid
writ petitions will be strictly followed and the Commissioner of the Corporation will ensure that no garbage is dumped at the site, unless arrangements for disposal are made.

4. In view of the aforesaid statements made by the learned Advocate General and the learned Counsel for the Corporation, the learned Counsel for the petitioner seeks to withdraw this petition, with liberty to take appropriate recourse, as per law, in case need arises.

5. In view of what is stated hereinafore, the writ petition is disposed off, subject to the statement of the learned Counsel for respondent No.2 as recorded in the Order, as well as the stand of the State Government through the learned the learned Advocate General, with liberty as prayed.

P. B. MAJMUḌAR, J.

N. A. BRITTO, J.

ssm.
CERTIFIED COPY

Date on which copy was applied for: 28-01-2009
Date on which application was completed: 28-01-2009
Date given for taking delivery: 29-1-2009
Date on which copy was ready: 29-01-2009
Date on which copy was delivered: 29-1-2009

COST OF CERTIFIED COPY

Copying and compounding charges: Rs. 15.00
Search and inspection charges: Rs. 5.00
Total fees: Rs. 20.00

Section Officer
High Court of Bombay at Goa
Panaji-Goa

A. S. D.
IN THE HIGH COURT OF BOMBAY AT GOA

WRIT PETITION NO. 115 OF 2008

Village Panchayat of Se-Old Goa,
through its Sarpanch, Tiswadi-Goa & Anr. ............ Petitioners

V/s

State of Goa, through its Chief Secretary,
Porvorim, Bardez, Goa & 3 Ors. ............. Respondents

Mr. M.S. Sonak, Advocate for the Petitioners.

Mr. S.S. Kantak, Advocate General with Mr. M. Salkar, Addl.
Government Advocate for Respondents No.1 & 4.

Mr. A.F. Diniz, Advocate for Respondent No.2.

Mr. S.N. Joshi, Advocate for Respondent No.3.

CORAM: A.P. DEHSPANDE &
N.A. BRITTO, J.J.

DATE : 25th NOVEMBER, 2008

P.C.:-

The petitioner no.1 in this petition is the Village Panchayat
of Se-Old Goa, whereas the petitioner no.2 is the Sarpanch. This
petition has been filed questioning the legality and propriety of
acquisition of land in the village Se-Old Goa by issuing Notification under Section 4 of the Land Acquisition Act on 07/03/2006 and a declaration under Section 6 on 2/11/2006. The acquisition is for the purpose of setting up of a garbage disposal plant and for land fill sites for the Corporation of City of Panaji. The respondents have filed their reply and opposed the petition. A preliminary objection is raised to the locus standi of the present petitioners to institute this Writ Petition. The petition has been filed by invoking the private rights of the petitioners. The land proposed to be acquired does not belong to the petitioners, but is owned by private parties. What is to be seen is whether the petitioners could be said to be "persons interested", providing a locus for instituting this petition.

2. Section 3(b) of the Land Acquisition Act defines expression "person interested". It reads thus:

"3(b) the expression "person interested" includes all persons claiming an interest in compensation to be made on account of the acquisition of land under this Act; and a person shall be deemed to be interested in land if he is interested in an easement affecting the land."
Section 5A(3) which introduces a deeming fiction for the purpose of Section 5A, reads thus:

"5A(3) For the purposes of this section, a person shall be deemed to be interested in land who would be entitled to claim an interest in compensation if the lands were acquired under this Act."

A conjoint reading of both the provisions would make it clear that a person would have a right to object to the acquisition if he possess the character of "person interested".

3. The learned Counsel for the petitioners has contended that the meaning ascribed to the expression "person interested" cannot be limited by having recourse to Section 3(b) or Section 5A(3) of the Act. In his submission, a wider meaning has to be given to the expression "person interested" and, with a view to substantiate this submission, he places reliance on the phraseology used in later part of Section 5A(1) - "Any person interested in any land ..... object to the acquisition of the land or of any land in the locality, as the case may be". The submission is that had the legislature intended to restrict the right to object of any
person having interest in any land, there was no need to permit such a person to raise objections to the acquisition of land in the locality. Though, in the first blush the submission appears attractive, a closer scrutiny of the relevant provisions, makes it clear that right to object cannot be so widely interpreted so as to permit a third party to object to acquisition of land wherein he has no direct interest. In our opinion, a right to object to the acquisition of land in the locality will have to be so construed so as to vest a person interested in any land which has been notified under Section 4, sub-section (1) of the Act, with a right to object to the acquisition of land or any land in the locality, provided his land is also being acquired. A person, thus, would be in a position to object acquisition of his own land or any land in the locality provided the said land is also covered by the same notification issued under Section 4, subjection (1) of the Act which proposes to acquire the land of the person concerned. Any other interpretation would defeat the object of the Act than to subserve the same.

4. In our considered view, we do not find any substance in the contention raised by the learned Counsel for the petitioners that the Panchayat or Sarpanch of the Panchayat would have locus to object to
the acquisition of land, which does not belong to them but belongs to other private parties. In this view of the matter, as the petitioners do not have any locus, we decline to entertain this petition and dismiss the same on the ground of want of locus standi. It may not be out of place to mention that besides the present Writ Petition, there is one more Writ Petition filed by a private party challenging the acquisition of the same land.

A.P. DEHSPANDE, J.

N.A. BRITTO, J.
<table>
<thead>
<tr>
<th>Description</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date on which copy was applied for</td>
<td>11-02-2009</td>
</tr>
<tr>
<td>Date on which application was completed</td>
<td>11-02-2009</td>
</tr>
<tr>
<td>Date given for taking delivery</td>
<td>12-02-2009</td>
</tr>
<tr>
<td>Date on which copy was ready</td>
<td>12-02-2009</td>
</tr>
<tr>
<td>Date on which copy was delivered</td>
<td>17-02-2009</td>
</tr>
</tbody>
</table>

**COST OF CERTIFIED COPY**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copying and comparing charges</td>
<td>Rs. 50.00</td>
</tr>
<tr>
<td>Search and inspection charges</td>
<td>Rs. 5.00</td>
</tr>
<tr>
<td>Total fees</td>
<td>Rs. 55.00</td>
</tr>
</tbody>
</table>

Signature: [Signature]

Notary Officer
High Court of Bombay at Goa
Panaji-Goa
To,
The Commission.
Corporation of City of Panaji.
Panaji – Goa.

Sub:- Request to freeze the land to maintain Buffer zone around the land acquired at Bainguinim.


Sir,

With reference to the above, this is to inform you that the matter of freezing the development within 500 mts. radial distance proposed for Buffer zone to the land acquired at the Bainguinim village for Solid Waste Management was referred to the Government. The Government is of the opinion that the site plan showing exact area already acquired for Solid Waste Management and also the 500 mts. radial distance proposed for Buffer zone is required to be submitted.

Accordingly you are requested to submit a site plan as stated above so as to re-submit the proposal to the Government.

Yours faithfully,

[Signature]

Morad Ahmed
Chief Town Planner
CORPORATION OF THE CITY OF PANAJI
PANAJI GOA
Ref:- FI9/CCP/ENG/GEN/2010-11/328
Date:- 10.2010.

To,
The Chief Town Planner,
Town & Country Planning Dept.,
Dempo Towers, 2nd floor,
Patto Plaza, Panaji
Goa.

Sub:-Request to freeze the land to maintain Buffer Zone
around the land acquired at Baingunim.


Sir,

With reference to above, please find enclosed herewith a site plan showing the
acquired boundary line and the proposed Buffer Zone (500.00 mts) around the land
acquired at Baingunim as desired by your office.

Yours faithfully,

(ELVIS GOMES)
COMMISSIONER.

Encl: As above.
To
The Commissioner,
Corporation of the City of Panaji
Panaji-Goa.

Sub:- Proposed land acquisition for solid waste Management site in Survey No. 20/1,2,3 and 3A of Baingunim village of Tiswadi Taluka issue of clearance regarding.


Sir,

The proposal of land acquisition for solid waste management in Survey No.20/1,2 & 3A, having an area of (1,61,550 m²) of Baingunim village, Tiswadi, Taluka is agreed in principle subject to the conditions that solid waste would be managed strictly in accordance to the guidelines issued by Central Pollution Control Board.

> Basic information (Background value) of ground water quality in the wells located in the surrounding villages is to be established and monitored periodically.

> Landfill and composting pits should be suitably designed after conducting in-situ permeability list.

> Filling of solid waste above ground level could be washed down to the nearby villages during monsoon. Utmost care and adequate protection is to be given to the solid waste filled above ground level if any, so as to arrest the movement if solid waste during monsoon with rain water.

Yours faithfully,

(S.T. Nalkarni)
Chief Engineer (WR)
To,

The Commissioner,
Corporation of City of Panaji,
Panaji - Goa.

Sub:- Proposed land acquisition for Solid Waste Management Site in Survey No. 201 to 3 & 3 A of Bainguinim village of Tiswadi Taluka.


Sir,

With reference to the above cited subject, this is to inform you that there is no objection from the planning point of view for land acquisition for proposed site for Solid Waste Management in Survey No. 201 to 3 & 3 A(parts) of Bainguinim village of Tiswadi Taluka admeasuring an area of 1.61550m2 as per the Survey description submitted to this office on subject to the following conditions:

1) A buffer zone of minimum 30 mts. is reserved within the land being acquired all around.
2) Clearance are to be obtained from the PWD with regard to
   a) verification of NH-4A bye-pass alignment with reference to the site, its control zone and for deriving access from it.
   b) with regards to interference of the proposed use with the Opa water supply line and the safe distance to be maintained.
3) Clearance is to be obtained from the Water Resources Department (Ground Water Cell) regarding the possible leachate/seepage to ground water and hydrological attributes of the site. Alternatively CCP shall produce a suitability report from the NEERI.
4) Clearance is to be obtained from the Forest Department with reference to applicability of FCA and Tree act.
5) Clearance from Directorate of Archives and Archaeology is to be obtained with respect to the distance to be maintained from the Fort wall.

The plot under reference falls partly in S2 zone and mainly Recreational zone: E as per the O.D.P for Kadambha Plateau. The copy of site plan is enclosed here with.

The above N.O.C accorded based on the Government approval as conveyed vide Note No. TIS/33/5/TCP/05/3534 dated 13/12/2005.

Yours faithfully,

[Signature]
Deputy Town Planner
23.12.05

Encl: As above
To,
The Commissioner
Corporation of the City of Panaji
Panaji Goa.

Sub: Authorization for setting up a solid waste management site
Ref: Your application dated 24/08/05

Sir,

The Committee has inspected the proposed site for land acquisition for solid waste management site at survey no. 20/1, 2, 3 and 3A of Beignanim Village, Tiswadi Takata, on 02/09/05, and has approved the site in principle. However, authorization will be granted once the land acquisition procedure is completed and application is made to this office in the prescribed form.

Yours faithfully,

(A.K. Verdrami)
Member Secretary
No. 3/293/2006/JAA-1797

Government of Goa,
Directorate of Archives
and Archaeology
Panaji - Goa.

Date of the 3rd Feb. 07.

To

The Administrator
Corporation of the City of Panaji,
Panaji - Goa.

Subject: MC to install solid waste managemenMt plant in Survey No. 20 of Bainguinim Village.

Sir,

Please refer to your letter No. 13/22/15/CPI/2006/
260 dated 9.4.2006 for issuing MC to Solid Waste Management
Site in the Survey No. 20/1, 2, 3, 3A of Bainguinim Village
of Tiswadi taluka.

Along with the Engineer of M.C. the Site inspection
had been carried out and found that except foot wall there
is nothing of Archaeological importance in the Site. Hence
this Directorate is having no objection to install the plant
on the above site by keeping 50 metre distance from the
foot wall.

Yours faithfully,

[Signature]
Excerpt of the Meeting Held on 29/06/2019

Resolution No. 6(28):- Letter dated 24/06/2019 GSPCB & letter dated 26/06/2019 from GSPCB, Saligao reg. environmental public hearing fixed on 28/07/2019 at 10.00 am onwards at Village Panchayat old Goa hall has been placed before meeting and upon deliberation members present unanimously resolved to inform concerned authority that Solid waste facility at Baingunim is need of the hour and that said facility should be set up with top most priority and that Village Panchayat Santa Cruz fully support the proposal of the government.

Passed Unanimously,

Proposed by: Mr. Mariano De Araujo

Seconded by: Mr. Lawrence M. Rodrigues

----------------------------------------TRUE COPY----------------------------------------

(Lawrence M. Rodrigues)

Sarpanch

VILLAGE PANCHAYAT OF SANTA CRUZ
Office of the Village Panchayat
TALEIGAO
Tiswadi - Goa 403 002
Date: 27/7/2019

Ref. No. VP/TLG/S-W.M./2019-20/1320

1. The North Goa Collector
   Collectorate of North
   Panjim Goa.

2. The Member Secretary
   Goa State Pollution Control Board
   Near Pilerne Fire Station
   Saligao Bardez Goa.

3. The Managing Director
   Goa Waste Management Corporation,
   Saligao, Goa.

Sub: Proposed Solid Waste Management Facility at Bainguinim in North Goa by Goa Waste Management Corporation.

Madam/Sir

With reference to the above proposed Solid Waste Management Facility at Bainguinim on behalf of the Village Panchayat Taleigao that the Village Panchayat Taleigao Tiswadi is in favour of establishing the facility at the earliest and would request to take into account for our representation as regards to the above proposed Solid Waste Management Facility at Bainguinim in North Goa.

Kindly do the needful.

Thanking You,

Yours faithfully,

(Angelo Santos Cirilo Da Cunha)
Sarpanch
Village Panchayat Taleigao

Copy to: Mrs. Jennifer Monserrate
Hon'ble Minister of Revenue, Labour & Employment and I.T. Department, Government of Goa. M.I.A.of Taleigao

- With a request to look into the matter.
kindly contact me at 8788 2078 8 for any clarification or help. I believe you find this plant should be relocated to an isolated site.

I hope you do the needful.

Yours faithfully

[Signature]
concern-no matter what the process might claim the garbage treatment plant is smell free. A detailed study of how this will affect the neighbouring colonies, and schools and hospitals should be done by doing a detailed study of wind velocity and direction throughout the year at site, and to see if it spreads to any sensitive sites of cultural or economic importance or ecological importance.

Our concern - Transportation of garbage by trucks to the site will cause an undue load on the roads and local petrol pumps. Such huge amount of trucks coming from entire north for carrying 250 ton of garbage, will require development of new petrol pumps. Parking and facilities for their maintenance. Since such sites are not proposed in the treatment plant they will cause huge load on the locally used facilities. Nevertheless the influx of trucks will cause accidents and noise pollution in the area to rise.

In conclusion, I would like to request the ASIC and you sir/madam that this is no trivial matter and concerns I have put forth are serious and should not be neglected as it is a disaster waiting to happen and the blood will be on your hands when it strikes. If this plant is not relocated far from human habitation, and I thoroughly oppose this plant, and thank you for the opportunity to put forth my concerns.
during the Portuguese times. It was considered when a bubonic plague killed thousands of people in old Goa forcing the Portuguese to shift the capital to Panjim. If you let this plant come up I am afraid history will repeat itself. Not just plague but several other diseases are transferred through rats like, rabies once they are eaten by stray dogs. Also rat urine and rat themselves are vectors for plethora of highly infectious diseases and mind you this is serious as buffer zone is 0 meters.

Second concern - In Goa there are numerous clinics in which plenty of people who suffer illnesses at home taken into these clinics that create infectious garbage there in this garbage which is highly infectious is not segregated at all. This infectious garbage will end up at Baga beach from entire Goa. Such waste will be segregated by manually by workers at the plant who will hundred percent get infected. These people will visit nearby ATM, bus stops, bars, cafe etc. and will spread these diseases. Now as you are aware this is a tourist destination which means these in diseases will be exported to all parts of India and world from where these tourists come here and mind you certain diseases like swine flu, bird flu, SARS etc. are global epidemic and if personally don’t believe old Goa should be an epicenter for this as it’s tourism fueled local economy will suffer and not to mention hundreds will die.
Dear Sir/Madam,

I would like to bring to your notice certain previous concerns regarding the upcoming Saligao treatment plant. As an environmentalist, I feel such concerns should be spoken about.

The first concern is of rodents. No garbage treatment plant, no matter how sophisticated or advanced will have a rodent/rat problem once these rats are infected or diseased. They shall spread to nearby areas as the rats physically enter the residential areas near the plant. The fleas of these rats are very dangerous, as the can cause a bubonic plague.

Mind you this no laughing matter. In 1994, Surat had a similar situation rats feeding on garbage caused plague in which hundreds of people were killed.

I do not know Sir/Madam whether you are aware of old Goa’s history but it was the capital of Goa.

DTN
In the light of the above very serious matters for consideration and realizing that such an absurd project will have grave repercussions not only on the Kadamba Plateau and Old Goa, but the whole State, presenting the people of Goa as incapable of protecting their Heritage we are assured that you will do everything necessary to stop this outrageous plan of setting up garbage treatment plant.

Thanking you,

Yours faithfully,

Fr. Patricio Fernandes

Fr. Alfred Vaz

Fr. Henry Falcao

Fr. Simao Fernandes

Sr. Lily Pereira

Fr. Maverick Fernandes

C C:
1. The President of India
2. The Prime Minister of India
3. The Home Minister of India
4. The Environment Minister of India
5. Leader of the Opposition, Government of Goa
6. The Chief Justice, Supreme Court of India
7. Mr. Rahul Gandhi, Indian National Congress Party
8. Governor of Goa
9. The Chief Justice, High Court of Bombay
• The Committee reiterated the High Court decision which made it incumbent on all Municipalities and Panchayats to treat its own garbage generated in its jurisdiction within their respective limits.
• The Committee decided that the waste dumping site at Bainguinim of Se Old Goa Panchayat be abandoned.
• The Committee clearly recommended that the marked area at Bainguinim being a plateau serves as a natural catchment for rain water which replenishes the ground water table. Interference with such an area can have adverse impact on the ground water sources, as seen in Curca.

Again, drawing your attention that the decision of the present Government is in Violation of the Notification dated 25th September 2000 by the Ministry of Environment and Forests, Government of India, which categorically states “landfill site shall be away from habitation clusters, forest areas, water bodies, airports including airbase, monuments, national parks, wetlands and places of important cultural, historical or religious interest”.

Moreover, the above notification in Article 4 (1) mentioning the Responsibility of Municipality states “every municipal authority shall, within the territorial area of the municipality be responsible for the implementation of the provisions of these rules, and for any infrastructure development for collection, storage, segregation, transportation, processing and disposal of municipal solid waste”.

You may also take note of The Goa Ancient Monuments and Archaeological Sites and Remains Act, 1978 and Rules 1980 which are a guide to the Government of Goa to duly protect and conserve this Site of World Heritage Status.

Bainguinim is in Old Goa. The marked land site has on the south side of the boundary of the ancient historical laterite stone fort wall and an exquisite Arch belonging to the Kadamba Kingdom. The landfill and waste management site is just 500 metres away from the famous Historical “Shiva Temple of Bramhapuri”, is within 700 metres from “Cruz dos Milagres” (Church of the Miraculous Cross), and just 1.5 kms from the UNESCO declared Churches of Old Goa, St. Augustine Tower and other historical monuments.

Besides, Old Goa is a sacred place for all the people, irrespective of their religious faiths, not only in Goa but world over,

Moreover, thousands of tourists and pilgrims visit the historical monuments every day. Having a waste management site within such an area will certainly cause nuisance to the tourists and create a bad image for the State.

The Old Goa Panchayat at its Gram Sabha meetings in the past as well as very recently resolved to oppose the land fill and solid waste management plant. Please listen to the voice of the people.

Having been apprised with these facts, we are sure that your good offices will see right reason with regard to such a menace within the parameters of World Heritage Sites.

Dear Chief Minister, we appreciate that you certainly will not like to preside over a government that will be known in history as being responsible for the Renowned Sites losing the UNESCO declared World Heritage Status.
From:
Fr. Patricio Fernandes
Rector,
Basilica of St. Francis Xavier
Old Goa

Fr. Alfred Vaz
Parish Priest
Se Cathedral
Old Goa

Fr. Maverick Fernandes
Director
SFX Centre for the Handicapped
Old Goa

Fr. Henry Falcao
Director
Cruz dos Milagres
St Joseph Vaz Spiritual Renewal Centre
Old Goa

Fr. Simao Fernandes
Director
St. Cajetan Church
Pastoral Institute
Old Goa

Sr. Lily Pereira
Directress
Institute Mater Dei
Old Goa

28th July, 2019

To,
The Hon’ble Chief Minister
And Each Hon’ble Member of
the Legislative Assembly of the State of Goa.
Alto-Betim, Goa

Subject: Objection to the Setting up of the Integrated Sanitary Landfill and Solid Waste Management Plant on the Kadamba Plateau at Bainguinim in Old Goa

Dear Hon’ble Chief Minister,

Exactly a decade ago, in 2009, the proposal of setting up an Integrated Sanitary Landfill and Solid Waste Management Site for the Corporation of the City of Panaji in Bainguinim, Old Goa came up. The people from the vicinity from all communities through the Village Panchayat of Old Goa, the Old Goa Villager’s Action Committee, International Sunshine School, Representatives of the Mutt of Shri Sadguru Narendra Maharaj Saunsthan, the Council for Social Justice and Peace had represented before the then Government expressing their resentment about the proposal.

At the outset, we would like to draw your attention to adhere to the Goa Assembly House Committee Meeting held on 4th April, 2008 for Finalisation of Sites for Garbage Treatment Plants/Landfill Sites and related matters, where the following was decided:
a) PCB should form flying squads along with health officials on the lines of RTO flying squads and issue spot fines.
b) Also fish vendors and veg vendors in the village and neighboring villages also must be fined.
c) All state should levy MRP deposit on plastic water bottles and soft drink bottles, so that the vendors can take them back for recycling and the customers will get their deposit back.

1. What is the status of the pernem garbage plant.
2. Each taluka should have small garbage plants.
3. Saligao plant leachate is flowing down. Plant is round 2 kms from saligao seminary but foul smell is reaching there.
4. When was the last environment audit done of the saligao plant?
5. What is done to reduce the plastic garbage in the state
6. Only dry waste should be handled at this plant
7. Ban plastic bags of all micron sizes and encourage paper bags and cloth bags. Small scale industries can surely take this up
8. Increase the funds for panchayat for garbage collection.
9. Air pollution in surrounding areas, foul odour creates nausea
10. Lead level is reached 3.7mg/kg in the river soil, where is it coming from.
Ana Gracias
HNO. 69 near sfx cross
Chimbel Goa

28/07/2019

To
The Member Secretary,
Goa State Pollution Control Board,
Nr. Pilerne Industrial Estate,
Opp. Saligao Seminary,
Saligao - Bardez Goa - 403511

SUB: DEMAND TO REJECT EIA REPORT AND STUDY FOR PROPOSED SOLID WASTE TREATMENT PLANT AT BAINGUINIM, OLD GOA

Dear Sir,

This is to lodge our inform you strong objections to the EIA Study and EIA Report prepared for the proposed solid waste treatment plant at Bainguinim and to demand that the proposal be revisited to ensure that the site selection, EIA studies and decisions taken are environmentally sound and reasoned.

The site selection is completely incorrect for the following reasons:
To,

Pollution Control Board
Old Goa Rennaghat
Salcacer
Bardez Goa

Date: 28-07-2019

Sub: Solid Waste management plant at Old Goa

Respected Madam,

We would like to bring your kind notice that the proposed solid waste management plant is very nearby to our Shiv Mandir (Jagadguru Narendranath Maharaj Math) Premises and we have lot of devotees (bhakts) visiting the premises day in and day out as on monthly functions (Amavasya Palki). Also lots of tourists are visiting here.

This solid waste plant is going to create bad smell around it and it will give rise to different type of insects and rodent which will create trouble to the devotees and tourist visiting it to our premises.

There is strong objection form us to this waste management plant in our nearby premises.

Thanking You,

Yours Faithfully,

Maruti A. Nasnodkar
(9552134905)
The location selected is right next to the World Heritage Site of Old Goa and therefore is inappropriate.

The location selected is on and adjoining the ruins of the large complex of ancient Kadamba palaces and other constructions, which must be conserved and restored. The proposed plant will permanently destroy the ancient heritage and archaeological site, which needs to be conserved.

The site selected for the proposed solid waste management plant is the main ground water recharge area of this entire area. The said ground water recharge area is the only source of local water resources of the neighbouring villages and hence must be conserved at any cost, especially in view of the severe water scarcity we will face in the near future. This is the question of the survival of the local communities and the solid waste plant can in no way be built on the proposed site due to its high environmental sensitivity and huge importance to the survival of the citizens as their only ground water resource. Even the City of Panjim will have to rely upon this water resource in the future water crisis to come.

It is a simple matter of common sense that every local body must manage its own solid waste, within its own limits. This is essential for the control and reduction of the solid waste generated, since the authority and people will be forced to control waste generation only if they have to deal with it themselves. The proposal to handle waste generated by one local authority in another area will only encourage generation of unlimited waste by the authorities and dilute the ownership of the issue, which is so important for the management of the problem.

The proposed site location is common lands of the local, indigenous communities. Though the lands were acquired in the 80s, they still remain in our possession. The legal ownership of these lands must also be restored to the local communities in view
of the fact that the acquisition was done using British colonial laws and without any proper studies or consent of the indigenous communities.

The entire process and method of solid waste treatment proposed is incorrect and against principles of environmental conservation for the following reasons:

The correct procedure for waste treatment is possible only through segregation at source, composting at source, hazardous waste separation at source. The process proposed is in direct contradiction to the established principles of solid waste handling followed successfully in western countries.

The industrial processes proposed are complete failures as seen at the Saligao Waste Treatment Plant, Sonnoddo at Margao. It is such ill-advised plants that are the root cause of the dismal failure of Goa to deal with solid waste issue. It is essential that we follow the successful models adopted in western countries of segregation at source, composting at source, segregation of hazardous waste at source, etc, and most importantly, ownership and location of waste management within the respective areas of each local authority.

The selection of the process and equipment proposed seems to be influenced only by the profit of the suppliers of the industrial equipment suppliers. It is most important that all options are considered that are environmentally friendly and proven in other successful countries, rather than continue with obsolete technology that is being sold by suppliers only for profits, but which will create more problems than solve the present issue.

The site proposed for the solid waste treatment plant is surrounded by the villages housing thousands of local families who will be directly affected by the effluents in the air and water. Further, thousands of new apartments have mushroomed in recent years right next to the site, who are now in the immediate vicinity of the proposed
plant. These recent developments and existing communities make the proposed location of the solid waste plant unsuitable.

The study is completely inadequate in terms of the flora, fauna, environment and society and the impact upon the environment, economy and society is totally understated in the study and report. This is a part of the Western Ghat forests/plateaus and houses numerous endemic and endangered species that are not listed or studied. Proper studies need to be conducted to document the flora, fauna and other environmental aspects of the site location and study area (including Protected and important areas such as Chorao WLS and other important bird areas), and to understand the impact of the plant on these aspects of the environment.

Hydrogeological studies of the site are not conducted. This area is the main aquifer feeding the local ground water resources of the entire region and detailed studies are necessary to understand the impact on the water resources of the region.

It is therefore prayed that the EIA Study and EIA Report prepared for the proposed solid waste treatment plant at Bainguinim be rejected and proper studies including evaluation of alternative sites be first conducted to ensure that the objectives of protection of the environment and society are fulfilled.

Yours Sincerely

[Signature]
Ref. No.: LED/07/ 204 /2019

To,
The Member Secretary,
Goa State Pollution Control Board,
Near Pilerne Industrial Estate,
Opp. Saligao Seminary,
Saligao, Bardez, Goa – 403 511

Ref : Public Notice for Environmental Public Hearing bearing Ref. No.1/25/19-PCB/Legal/6163 dated 19/07/2019

Sub : Objection to the proposed Solid Waste Management Facility at Bainguinim in North Goa by Goa Waste Management Corporation.

Dear Madam,

We, Salgaocar Development and Construction Services Pvt. Ltd., a Company registered under the Companies Act, as lawful owners of property admeasuring 5,41,412 sq. mts. bearing Survey No. 31/1-J of village Goalim-Moula, Tiswadi-Taluka, by way of our Objection to the proposed Solid Waste Management Facility at Bainguinim in North Goa by Goa Waste Management Corporation, state and submit as under:

1. We are the lawful owners of property admeasuring 5,41,412 sq. mts. bearing Survey No. 31/1-J of village Goalim-Moula, Tiswadi-Taluka, (hereinafter referred to as the ‘Said Property’). The Said Property as per Kadamba ODP was zoned as part Settlement S-1, part Settlement S-3, part Commercial C-2, part Institutional P-3, part Orchard A-2, part Preservation zone and Road area and is also shown as Settlement (part), Heritage (part) in the Regional Plan for Goa 2021.

2. The Said Property is abutting the site to be utilised for setting up of the Solid Waste Management Facility including an integrated sanitary landfill and Solid Waste Management Site at Survey Nos. 21/1(part), 20/2(part) and 20/3-A(part) at Bainguinim, to be set up by Goa Waste Management Corporation.
3. The Company is in the process of setting up an education hub comprising of a state of the art Law College along with Student Housing facilities and also in the process of conceptualising projects benefitting public at large in the health sector and also a one of a kind art gallery set up within the Said property at a location which is abutting the Solid Waste Management Facility site.

4. It is pertinent to note that the land where the Said Property is situated originally belonged to Rei de Sondekar from the Kadamba Dynasty and consists of heritage site and wall located within the Said Property, for which a special part of the Said Property has been shown as ‘Heritage Landscape’ in the Regional Plan 2021.

5. The proposed Solid Waste Treatment Facility site is in close proximity to habitation clusters, as also heritage monuments conferred with the status of world heritage structures and located in an area of cultural, historic and religious importance. The Churches of Old Goa, St. Augustine Tower and other historical monuments, and old heritage site of Old Goa are within the radius of 100 to 1000 meters from the proposed site of Solid Waste Treatment Facility, which plant if allowed to set up, would adversely affect the life of the monuments and also affect those visiting them, thereby affecting the tourism industry. The proposed Solid Waste Treatment Facility project would also adversely affect the historical importance and heritage of village Bainginim, which are also marked as Preservation Zones in the Regional Plan for Goa 2021.

6. There are residential complexes within the close proximity i.e. within the radius of 100 meters from the proposed Solid Waste Treatment Facility site. A education institution, namely Sunshine Worldwide School is within the radius of 400 meters, a religious institution of Jagadguru NarendraGurukula Maharaaj Sansthan within the radius of 300 meters and a hospital within a radius of 500 meters. Grave prejudice and hardship would be caused to the residents and public at large if the proposed Solid Waste Mangement Facility is allowed to be set up.

7. Further, if the proposed Solid Waste Treatment Facility is allowed to set up, in such close proximity of residential areas, the local residents of village Bainginim as well as of village Goalm-im-Moula and Talaulim, would be
exposed to all sorts of risk, health hazards and never ending nuisance, besides having negative impact on the environment and natural habitat. Keeping in mind the implications and health hazards that could possibly arise when the Solid Waste Management Facility is made operational, due to foul smell which could emanate and the overflow of leachate in the open, detrimental to the health and well being of individuals and also substantially deplete prospective development value of our Said Property, we strongly object to the setting up of such a facility in the vicinity of the Said Property.

In view of our objections raised hereinafore, the proposal for setting up of Solid Waste Management Facility at Bainginim be set aside and re-located to an alternate location away from habitation clusters.

Thanking you,

Yours faithfully,

For SALGAOCAR DEVELOPMENT AND CONSTRUCTION SERVICES PVT. LTD.

(Jusitiano da Costa)
DIRECTOR

Copy for information and necessary action to:
The Managing Director, Goa Solid Waste Management Corporation, Saligao-Goa.
Ref. No.: LED/07/ 204 /2019

Date : 28/07/2019

To,
The Member Secretary,
Goa State Pollution Control Board,
Near Pilerne Industrial Estate,
Opp. Saligao Seminary,
Saligao, Bardez, Goa – 403 511

Ref: Public Notice for Environmental Public Hearing bearing Ref. No.1/25/19-PCB/Legal/6163 dated 19/07/2019

Sub: Objection to the proposed Solid Waste Management Facility at Bainguinim in North Goa by Goa Waste Management Corporation.

Dear Madam,

We, Salgaocar Development and Construction Services Pvt. Ltd., a Company registered under the Companies Act, as lawful owners of property admeasuring 5,41,412 sq. mts. bearing Survey No. 31/1-J of village Goalim-Moula, Tiswadi-Taluka, by way of our Objection to the proposed Solid Waste Management Facility at Bainguinim in North Goa by Goa Waste Management Corporation, state and submit as under:

1. We are the lawful owners of property admeasuring 5,41,412 sq. mts. bearing Survey No. 31/1-J of village Goalim-Moula, Tiswadi-Taluka, (hereinafter referred to as the ‘Said Property’). The Said Property as per Kadamba ODP was zoned as part Settlement S-1, part Settlement S-3, part Commercial C-2, part Institutional P-3, part Orchard A-2, part Preservation zone and Road area and is also shown as Settlement (part), Heritage (part) in the Regional Plan for Goa 2021.

2. The Said Property is abutting the site to be utilised for setting up of the Solid Waste Management Facility including an integrated sanitary landfill and Solid Waste Management Site at Survey Nos. 21/1(part), 20/2(part) and 20/3-A(part) at Bainguinim, to be set up by Goa Waste Management Corporation.
s further, if the proposed Solid Waste Treatment Facility is allowed to set up, the public at large if the proposed Solid Waste Management Facility is allowed to set up, the proposed Solid Waste Management Facility would be caused to the residents and

6. There are residential complexes within the close proximity to within the radius of 100 meters from the proposed Solid Waste Treatment Facility site. A

2021. Which are also marked as Preservation Zones in the Regional Plan for Goa and adversely affect the historical importance and heritage of village, monuments and also affect those visiting them. Hence, in view of the

5. The proposed Solid Waste Treatment Facility is in close proximity to

4. It is pertinent to note that the land where the Solid Property is situated originally belonged to R C De Souza, a resident of the Kadamva Dynasty and consists of a

3. The company is in the process of setting up an education hub comprising of a

2. 2021, which is building the Solid Waste Management Facility site.

1. The area, which is a part of a kind art gallery set up within the Solid Property at a
To
The Collector,
Collectorate of North -Goa,
Tiswadi - Goa.

Sub:- Objection for Integrated Solid waste treatment facility at Bainguinim.

Sir,

I, the undersigned Sarpanch of V.P. Se Old Goa submits as under on behalf of V.P. Se Old Goa regarding objection/opposing Integrated solid waste treatment facility at Bainguinim due to following reason.

1) The garbage plant is situated in the premises of densely populated place, hospitals, schools, matha & churches.

2) All residents should be ensured to receive Good Quality Air to breathe as per environmental laws in force in India.

3) Citizens must be ensured about the quality of drinking water as they heavily dependent on bore well water.

4) Soil contamination is going to happen.

5) Landfills are not meant for dumping inert waste but needed for water harvesting.

6) Technology must be upright and convincing to its citizen, if at all any plant comes.

7) Any departure from international environmental norms cannot be accepted and regular monitoring is needed if public participation at all levels are made.
In view of above you are kindly requested to stop the process of setting up integrated Municipal Solid waste management facility at Bainguinim in the interest of village.

Thanking you,

Yours faithfully,

(JANITA P. MADKAIKAR)
SARPANCH
V. P. SE OLD GOA