

MINUTES OF THE 44th MEETING OF CENTRAL SANCTIONING AND MONITORING COMMITTEE (CSMC), JNNURM HELD ON 8th FEBRUARY, 2008 AT 10.30 AM

List of participants is annexed.

Chairing the meeting, Secretary (UD) welcomed the participants. Director, JNNURM apprised the meeting that as per latest circular issued by the Department of Expenditure, all the sanctioned projects are required to be sent to the Department of Expenditure by 10th of March 08 so that funds are released within the financial year. Therefore all the States/ULBs should submit their proposals well within the time. Thereafter, Director, JNNURM presented the projects before the CSMC for consideration.

Key observations / decisions made during the meeting were as under:

1.

KOLKATA U.A

STATUS OF REFORM & PROJECT IMPLEMENTATION:

- Mission Directorate had a detailed discussion with the Principal Secretary (UD), West Bengal in the last month.
- The CSMC enquired about the status regarding reuse of Recycled Water. Special Secretary(UD), West Bengal stated that Byelaws were issued for reuse of recycled water and the status of its implementation in the State shall be reported to the Mission Directorate
- The CSMC noted that the State shall be sending the proposal for appointment of Independent Review and Monitoring Agency (IRMA) by the end of the month
- CSMC expressed grave concern about the slow pace of implementation of sanctioned projects in Kolkata and Asansol

- The State representative reported that the project on Upgradation of Man Entry Brick Sewer System for Kolkata is one of the unique structures for carrying sewage in the country itself. This project requires unique technology like sending a probe under the tunnel and locating all the sides and then to carry out the up gradation and improvement work. Technology for this kind of work is rarely available in the country itself. Hence, the project is delayed. Director NURM said that all projects are received after appraisal by SLNA and these issues are expected to have been resolved before the projects are submitted to Mission Directorate
- It was noted that Flyover between EM-Byepass and Kazi Nazrul Islam Sarani has been tendered at a cost of Rs.90 Crore and the work shall begin very shortly
- The CSMC was informed that DHAPA WTP is held up due to a PIL in the High Court
- CSMC asked the Cities to speed up the projects and start implementation at the earliest so that time over run will not escalate the cost of the projects
- Referring to QPRs submitted by the State, the State was asked to indicate missing information regarding ULB share immediately. Non release of ULB share even after lapse of considerable time was a matter of concern and needed to be addressed immediately

CHANDERNAGORE MUNICIPAL CORPORATION, KOLKATA U.A

PROJECT:

DPR FOR 24 X 7 WATER SUPPLY SCHEME FOR CHANDERNAGORE MUNICIPAL CORPORATION

- The CSMC was informed that Chandernagore is one of the three municipal corporations under the Kolkata Urban Agglomeration Area. Historically it is French enclave and the municipal corporation established in the year,1880 is one of the oldest municipal body in the country. Chandernagore is spread over an area of 22.03 Sq.Km with a current population of 1,75,000 spread over 33 wards.
- The project proposal is for providing 24 X 7 water supply to all the residents in Chandernagore at present served by Deep Tubewells (49 Nos) and Hand tubewells (235 Nos) and one surface Water Treatment

Plant, accounting for an overall yield of 19.46 MLD of water at the consumer point.

- The distribution network is so old that coverage for all the population is very difficult. Distribution network of Ward 1- 8 was revamped in early 90's. The network in the wards 9-33 was very old.
- The Distribution coverage network under wards 28 – 33 are inadequate for provision of water supply to all
- The project proposes for revamping the distribution system in the local body which is built by using Cast Iron pipes, which was more than 90 years old. Almost all the pipes are affected by incrustation and totally damaged in the process leading to more water being wasted in distribution.
- The project proposes to have ductile iron (D.I) pipes coated with cement mortar as inner lining and outer lining
- Advisor, CPHEEO suggested to the City and also for others to go for annual maintenance of distribution pipelines by scouring and cleaning the inner part of the distribution systems to prevent incrustation and thereby reducing pipe damages and reduction in water supply carrying capacity of the pipes. As most of the local bodies have not developed any maintenance capacities it becomes difficult for them to do it. Whereas the parastatals supplying water to the Cities may have the required manpower and technical know how to do this kind of maintenance work on pipes, similar capacities needed to be created in local bodies also
- The City is constructing a 6MGD (1 Gallon = 3.785 litres) surface Water Treatment Plant under Mega Cities Scheme and shall be commissioned in March,2008
- 15 MGD water treatment plant being constructed under JNNURM shall meet the water demands of wards 1- 8. At present these wards are supplied from ground water sources
- At present the city has got 23,000 Number of connections and the project shall increase the total number of connections to 25,000 for providing 24 X 7 water supply
- The additional connections shall be provided to the people living in slums containing urban poor households and minorities. The project for provision

of water upto the doorsteps is integrated with the BSUP project sanctioned for provision of basic services

- CPHEEO listed the project benefits after the implementation shall be:
 - Leakage shall be reduced to the acceptable level of 15% in the complete network
 - Water availability to all the population at the rate of 135 LPCD
 - The unique design hydraulics of the water distribution network shall ensure 24 X 7 Water Supply
- The prevailing tariff for Domestic Water Supply is @ Rs.3.50 /KL and for Non-Domestic is @ Rs.18/KL
- The Elected Council of the Urban Local Body has resolved to increase the cost of water supplied to all users every five years by at least 50%
- The Mayor, Chandernagore who was present during the meeting, responding to the queries of the CSMC reiterated that:
 - All connections in the city shall be metered
 - The water supplied to the families under BPL shall be exempted from any water charges
 - The water tariff shall be similar to that of Kolkata Municipal Corporation
- Economic Advisor, MoUD pointed out that most of the Cities including Chandernagore have projected revenue which is equal to the cost of maintenance of the project and no city is looking into the sustainability of the capital investment needs. Introduction of telescopic rates based on the consumption levels and subsidizing the poor and charging the higher end consumers and non-domestic users may enhance the overall revenue from water supply. This should be tried when revenue model is worked out by the ULBs
- It was also suggested to the City that bulk meters may be installed to bring accountability and to ensure 24 X 7 water supply through creation of District Metering Areas and monitoring the amount of water supplied and consumed, apart from NRW.

- The City shall provide Bulk Metering at its own cost to ensure accountability in water supply and this component is not included in the project cost
- The project implementation shall start by March-2008 and shall be completed in February-2010

(Detailed presentation/implementation schedule is at Annexure –I)

The CSMC approved the project as under:

(Rs. in lakh)

Sl. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	1st Installment (25% of Central Share)
1	Kolkata U.A, West Bengal	DPR for 24 X 7 Water Supply Scheme for Chandernagore Municipal Corporation	2521.87	882.67 (being 35%)	44.13 (being 5% fo 25% of the Central Assistance)

2.

AJMER:

PROJECT: URBAN RENEWAL OF DARGAH AREA, AJMER

The proposed project for Urban Renewal and Redevelopment of Inner City/ Dargah Area of the city shall include improvement of approach and inner city roads, provision of services in Dargah Area, Construction of pedestrian facilities like foot over bridge, signages, safety and security measures and beautification

The proposal shall address improvements in the inner city, which contains Dargah area, which is under high environmental stress due to very high density low rise development and lack of infrastructure for movement and open space for visitors

The Main Problems currently being faced are:

- Narrow and congested approach roads
- Lack of parking space
- Poor sanitation and drainage conditions
- Flood Like Situation During Rainy Season in Nalla Bazaar
- Lack of Public Conveniences
- Dilapidated Condition of Buildings
- Haphazard Network of Electricity and Communication Cables
- Poor Street Light at Main Roads and Strategic Areas
- Lack of Greenery/Open Spaces in Dargah Area
- Lack of Maintenance of Heritage and historical buildings

The main features of the proposal are:

- Integrated facilities development for pilgrims
- Proposal for water supply for Urs at Kayad Vishram Sthali and Vishram Sthali during which 30,000 pilgrims visits every day
- Proposal for Urban Renewal for inner city area
- Renewal and Redevelopment of Inner City Area/ Dargah Area

WORKS PROPOSED - UNDER TRANSPORTATION (Total Cost 729 Lakh)

- Spot improvements at major entry points ie Delhi Gate and Dargah Gate include shifting of Transformers, Road Geometrics, Facilities for security personals
- Development of four parking place on PPP format

- Improvement of Alternative Route of Hill road and Kharkeri Link Road to divert Tourist traffic
- Pedestrianisation and Foot Over Bridge from Railway station Road To Kasturba Hospital, Installation of Signages
- Foot Paths from Dargah to Taragarh

Heritage improvement works proposed locations are Nasia to Akbar Fort, Delhi Gate to Dargah, Akbar Fort to Madar Gate, Nala Bazaar to Diggi Talaab, Delhi Gate to Akbar Fort, Dargah to Adhai Din Ka Jhopra

THE WORKS PROPOSED FOR IMPROVEMENT ARE (Rs 0.47 Cr):

Sign Boards, Decorative Poles for Street Lights, Dust Bins, Trees, Park at Adhai Din Ka Jhopra

Power Distribution and Road lighting proposed in the project to enhance the overall visibility and heritage value of the site. The underground cable for four primary roads at a total cost of Rs.240.65 lakh are proposed under the projects

The break up is as follows:

1. Delhi Gate to Dargah – Rs 37.8 lakh
2. Madar Gate to Dargah – Rs 47.38 lakh
3. Adhai Din Ka Jhonpra to Dargah – Rs 66.62 lakh
4. Trambay to Inderkot via Sheeshkhan – Rs 88.85 lakh

The street lighting with decorative and power saving is proposed at a cost of Rs. 69.14 lakh at the following places:

1. Delhi Gate to Dargah – Rs 9.27 lakh
2. Madar Gate to Dargah – Rs 12.85 lakh
3. Adhai Din Ka Jhonpra to Dargah –Rs 4.22 lakh
4. Trambay to Inderkot via Sheeshkhan – Rs 9.41lakh
5. Adhai Din Ka Jhopra to Nagphani Road (Hill Road) – Rs 33.99 Lakh

In addition to the above Storm Water Drainage and Tourist facilities at a cost of Rs. 702 lakh and 1726 lakh respectively are proposed under the project.

- The City shall be charging Rs.2/per tourist / pilgrim and shall be used for the separate maintenance arrangement created
- The Project shall be executed in 36 months

The CSMC observed that:

- The City should examine strengthening of Renewal by exploring possibilities of decongestion and also ensure consistency with the Master Plan for Ajmer
- Referring to concerns regarding disorderly growth, particularly due to non enforcement of Bye laws, the City committed to adhere to look into these concerns
- The CSMC observed that the City should explore pedestrianisation in the core and inner area in view of narrow roads and streets.
- The City representative was advised to present the following observations of the CSMC to the City Council and provide response :
 - The City should develop integrated urban renewal programme for the entire city
 - The proposed project, though useful, needs to be integrated with future projects for Urban Renewal to ensure that the project does not remain confined to immediate aesthetic needs
 - Sustainability of the Operation and Maintenance of the assets created meeting all the requirements must be ensured
 - The project should be executed under the overall guidance of an Heritage and Urban Renewal Expert
 - The project execution shall ensure that all the byelaws in the master plan are adhered to
 - Establishing a consultative mechanism to ensure minimizing all the sensitivities involved with the project. For this purpose, community participation shall be ensured

- Visibility of the heritage and cultural nature of the site shall be taken into account in all the stages of implementation of the project
- Detailed implementation methodology shall be submitted to the Mission Directorate before starting the execution of the project to ensure minimum inconvenience to the visiting pilgrims during construction process
- Needs of the handicapped shall be taken care of in all the design elements to be built under the project for barrier free environment for the differently-abled taking into consideration all the national guidelines and building codes
- Pedestrianisation shall be given more importance and should be consistent with Comprehensive Mobility Plan

(Detailed presentation is at Annexure –II)

The CSMC approved the project subject to the above conditions and the conditions laid down by the Appraisal Agency in its appraisal note, as under:

(Rs. in lakh)

Sl. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	1st Installment (25% of Central Share)
2	Ajmer-Pushkar, Rajasthan	Urban Renewal of Dargah Area, Ajmer	3841.80	3073.44 (80% of the approved cost)	768.36 (being 25% of the admissible share)

3.

VADODARA:

PROJECT:

CONSTRUCTION OF 4 LANE R.O.B ACROSS AHMEDABAD-MUMBAI, B.G. LINE AT RAILWAY KM 399/41 BETWEEN STATION VISHWAMITRI AND MAKARPURA NEAR D-CABIN NAVAYARD ON 24.0 M ROAD AT VADODARA CITY

STATUS OF IMPLEMENTATION OF REFORMS AND OTHER SANCTIONED PROJECTS:

REFORM IMPLEMENTATION:

- **Shift to double entry accrual based accounting system** committed for 2007 -08 shall be accomplished by 30.09.2008 as provisional opening balance sheet as on 01.04.2007 and physical valuation of assets is under preparation
- **Property tax coverage by 85%-** against the timeline committed for 2007 -08 the city has achieved 95% coverage
- **Levy of user Charges:** The city shall advanced the timeline given for accomplishment of this reform from the current 2010 -11 to an earlier year
- **Internal Earmarking of funds for services to Urban Poor:** The city reported about the accomplishment of this reform as per the timeline committed in MoA
- **E-Governance set up** shall be completed by 2008 -09
- **Introduction of Property Title Certification System:** As no timeline was committed by the city for accomplishment of this reforms, the CSMC asked the city to commit a timeline in consultation with the Mission Directorate
- **Earmarking of 25% of developed land in all housing projects for EWS/LIG:** The City reported that the reforms has already been accomplished
- **Simplification of legal and procedural framework for conversion of agricultural land for non-agricultural purposes:** It was stated by the City that the State government has already prepared a **draft Township Policy** for

simplifying the legal and procedural framework for the same purpose, hence the city has no plans to embark on any steps in this regard

- **Introduction of Computerised registration of land and property:** This process has been already executed by the Office of Registrar throughout the state by means of computerised operation and all registrar's office across the state are connected by a dedicated wide area network
- **Byelaws on reuse of Recycled Water:** CSMC has directed the city to commit a timeline for accomplishment of this reform

The CSMC asked the City to capture timelines for each reform as per revised format immediately. The Mission Directorate was asked to expedite the process.

PROJECT IMPLEMENTATION:

- The project on **water supply source augmentation**, out of the three components in the project Transmission mains shall be completed by June-2008 and Water Treatment plant shall be completed by May-2008. For the third component, the balancing reservoir, tenders are re- invited and under evaluation
- **Sewerage System:** Out of the 8 packages envisaged in the project, work is under progress only in 2 packages and the remaining are under the tendering stage
- **Storm Water Drainage System:** Out of the 3 packages envisaged work is under progress in 2 packages and the remaining packages is under tendering process
- **Solid Waste Management:** All the 6 packages are under the tendering stage

PROJECT:

The Road Network of Vadodara Comprises a Ring Road and a number of Radials. Vadodara City is an important Industrial, Educational and Tourist Centre of Gujarat with tremendous potential for growth. Vadodara Municipal Corporation comprises of a total area of 149 sq km

- Delhi – Mumbai BG Rly Line passes through the city of Vadodara intersecting all the major Roads and remains busy due to heavy Rail Traffic. Vadodara is a major junction on the Western Railway

- The Delhi Mumbai BG Line bisects the city along the length of approximately 12 km. At present the line can be crossed using 2 ROB's and 3 underpasses
- The three underpasses are of very narrow width and shallow heights cause heavy congestion during peak hours. Moreover no buses can cross from this locations
- The northern areas which are densely populated have no facility to cross the railway line and people in these areas have to travel long distances resulting in higher travel times and higher consumption of fuel
- The construction of ROB at Nava Yard will provide at missing link in the Northern Part of Vadodara and result in saving in travel time as well as Vehicle operating Cost
- The proposal will be helpful to road users and will result in saving of time and fuel consumption
- The average daily traffic projected through this ROB in the year 2011 is around 10,500 PCUs
- The salient features of the proposed ROB are
 - Total Length of ROB includes approaches is 553.60 m
 - Details of ROB in Railway Limit: Length of Railway Portion: 33.60 m
 - No of span and length : 1 span of 33.60 m
 - Type of super structure : PSC T beam and R.C.C deck slab
 - Type of substructure : R.C.C Wall Type Pier having 6 m length & 1.2m width
 - Type of foundation : Pile Foundation
 - Width of Bridge in Railway Portion: 20.10 m.
- The City affirmed that SLSC approval for the project had been obtained. The CSMC observed that SLSC approval be furnished to the Mission Directorate within three days and release of funds should be made after SLSC approval was communicated.

(Detailed presentation is at Annexure –III)

The CSMC approved the project as under:

(Rs. in lakh)

Sl. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	1st Installment (25% of Central Share)
3	Vadodara, Gujarat	Construction of 4 Lane R.O.B Across Ahmedabad-Mumbai, B.G. Line at Railway KM 399/41 between Station Vishwamitri and Makarpura near D-Cabin Navayard on 24.0 M road at Vadodara City	1396.00	698.00 (being 50% of the approved project cost)	174.50 (being 25% of the admissible central share)

4.

VADODARA:

PROJECT:

CONSTRUCTION OF 2 LANE R.O.B ACROSS AHMEDABAD-MUMBAI, B.G. LINE AT RAILWAY KM 395/10 BETWEEN STATION VADODARA AND MAKARPURA NEAR DINESH MILL AT VADODARA CITY

- The construction of ROB at Dinesh Mill area on 24m TP Road will help decongest the traffic at the existing underpass and facility better circulation from Eastern Part to Western Parts of Vadodara through the heavily congested City Centre areas
- The proposal will be helpful to road users and will result in saving of time and fuel consumption
- The average daily traffic projected through this ROB in the year 2011 is around 33,141 PCUs

- The salient features of the proposed ROB are
 - Total Length of ROB includes approaches is 758.52 m
 - Details of ROB in Railway Limit :Length of Railway Portion : 43.52 m
 - No of span and length : 1 span of 32.215 m & 1 span of 11.305m
 - Type of super structure: PSC T beam and R.C.C deck slab
 - Type of substructure : R.C.C Wall Type Pier having 5 m length & 1.2m width
 - Type of foundation : Pile Foundation
 - Width of Bridge in Railway Portion: 11.4 m.

(Detailed presentation is at Annexure –III)

The CSMC approved the project as under subject to submission of SLSC approval:

Sl. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	Ist Install-ment (25% of Central Share)
4.	Vadodara, Gujarat	Construction of 2 Lane R.O.B Across Ahmedabad-Mumbai, B.G. Line at Railway KM 395/10 between Station Vadodara and Makarpura near Dinesh Mill at Vadodara City	1968.00	984.00 (Being 50% of the approved cost of the project)	246.00 (Being 25% of the admissible central assistance)

5.

INDORE:

PROJECT:

ROB AT JUNI INDORE RAILWAY CROSSING, INDORE CITY

The CSMC noted that the status of implementation of projects already sanctioned for the city show that either the projects have not taken off the ground or the pace of implementation was very slow. The CSMC asked the Indore Development Authority (IDA) representatives who were present at the meeting to revert back with the city officials and the Principal Secretary (Urban Development), Government of Madhya Pradesh so that appropriate measures could be initiated to overcome poor state of implementation. The CSMC also expressed concern that Indore city was not represented either by the City or SLNA and State level representatives.

Making the above observations, the CSMC deferred the project.

6.

SURAT:

PROJECT:

CONSTRUCTION OF RAILWAY OVER BRIDGES (ROB) ON PROPOSED OUTER RING ROAD OF SURAT CITY AT GOTHAN

- The CSMC was informed that Traffic and Transportation study carried out by Central Road Research Institute (CRRI) and Comprehensive Mobility Plan prepared by Center for Environmental Planning and Technology (CEPT) has recommended the ROBs proposed under this projects as an essential link for better connectivity and smooth flow of traffic and easing the congestion in the network. The proposal was earlier presented to the CSMC which had asked the City to clarify ownership of the project. The City had since submitted a letter affirming ownership of the project. The Municipal Commissioner, present at the meeting, also confirmed ownership of the project by the municipality. The CSMC thereafter took up consideration of the project.

- The proposed ROB at Gothan in North crosses the proposed outer ring road connects the Variav – Kathor section of the Delhi – Mumbai Broadgauge railway line and at Sachin in the South at the Sachin – Madgalla section
- The Alignment near Gothan does not have Rly Crossing Facility and hence the link is incomplete while in the south there is a very old existing railway over bridge having span 22.39 m and width 8.05 m across Surat Mumbai B.G. Railway Line at this location is very narrow for the present day traffic
- The traffic forecast at Gothan ROB by the year 2011 is 17735 PCUs
- The traffic forecast at Sachin ROB by the year 2011 is 47222 PCUs
- Salient features of the proposed ROB are
- Total Length of ROB includes approaches is 668.20 m
 - Details of ROB in Railway Limit
 - Length of Railway Portion : 71.74 m
 - No of span and length : 1 span of 43 m & 2 span of 14.37m.
 - Type of super structure : PSC T beam and R.C.C deck slab.
 - Type of substructure : R.C.C Wall Type Pier having 6m length & 1.2m width.
 - Type of foundation : Pile Foundation
 - Width of Bridge in Railway Portion: 20.1 m including 1.5 mt wide footpath on both sides.

PROJECT BENEFITS :

- The ROB will give access to traffic from North of Surat to Surat City and Hazira.
- The present traffic will get a direct link to all areas North of Taptri River and as the congestion on Sarthana Kamrej Road.
- The present road alignment will reduce the distance for all traveling towards Surat from North and result in saving of time.

- Lesser delays to vehicles will result in considerable fuel saving. Absence of ROB results in delays on NH- & SH.

(Detailed presentation is at Annexure –IV)

With the conditions and observations as above, the CSMC approved the project as under:

(Rs. in lakh)

Sl. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	1 st Installment (25% of Central Share)
6.	Surat, Gujarat	Construction of Railway Over Bridges (ROB) on Proposed Outer Ring Road of Surat City at Gothan	1427.12	713.56 (being 50% of the project cost)	178.39 (being 25% of the central share)

7.

SURAT:

PROJECT:

CONSTRUCTION OF RAILWAY OVER BRIDGES (ROB) ON PROPOSED OUTER RING ROAD OF SURAT CITY AT SACHIN

THE SALIENT FEATURES OF THE PROJECT ARE:

- Total Length of ROB includes approaches is 707.9m

- Details of ROB in Railway Limit
 - Length of Railway Portion : 55.993 m
 - No of span and length : 1 span of 36.23m + 1 span of 10.11 m & 1 span of 9.65 m
 - Type of super structure : PSC T beam and R.C.C deck slab
 - Type of substructure : R.C.C Pile Cap having 9.7m length & 4.3m width
 - Type of foundation : Pile Foundation
 - Width of Bridge in Railway Portion : 10.2 m including 1.5 mt wide footpath on both the sides

PROJECT BENEFITS:

- At present the entire traffic from Unn and Magdalla side has to use this ROB to go towards the other parts of Gujarat and the country. The construction of this ROB will ease the traffic movement in the area
- At present width of ROB is about 8 m. This is a very heavy trafficked Road with undivided carriage way resulting in many accidents on the ROB. Construction of ROB will result in 4 lane divided carriage way
- In adequate width of ROB results in delays on the ROB during peak hours / Construction of 4 lane ROB will result in considerable time savings
- Lesser delays to vehicles will result in considerable fuel saving

The CSMC approved the project as under:

SI. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	1 st Installment (25% of Central Share)
7.	Surat, Gujarat	Construction of Railway Over Bridges (ROB) on	2077.12	1038.56 (being 50%)	259.64 (being 25% of the central

		Proposed Outer Ring Road of Surat City at Sachin			share)
--	--	--	--	--	--------

8.

SURAT:

2ND ACA PROPOSAL:

PROJECT: AUGMENTATION OF SARTHANA, KATARGAM AND RANDE WATER WORKS, SURAT

The CSMC noted that necessary level of expenditure had been attained taking into account Central, State and ULB share and implementation of reforms had been reviewed at length. The CSMC accordingly approved release of second installment as under:

Sl. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	2 nd Installment (25% of Central Share)
8.	Surat Gujarat	Augmentation of Sarthana, Katargam and Rander Water Works, Surat	14068.65	7034.32	1758.58

9.

SURAT:

2ND ACA PROPOSAL:

PROJECT: SEWAGE DISPOSALS AND STP FOR PAL PALANPORE AREA, SURAT

The CSMC noted that necessary level of expenditure had been attained taking into account Central, State and ULB share and implementation of reforms had been reviewed at length. The CSMC accordingly approved release of third and fourth installment as under:

Sl. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	2 nd Install- ment (25% of Central Share)
9.	Surat Gujarat	Sewage Disposals and STP for Pal Palanpore area, Surat	2128.00	1064.00	266.00

10.

SURAT:

3RD & 4TH ACA PROPOSAL:

PROJECT: SECONDARY SEWAGE TREATMENT PLANT AT BAMROLI, SURAT

The CSMC noted that necessary level of expenditure had been attained taking into account Central, State and ULB share and implementation of reforms had been reviewed at length. The CSMC accordingly approved release of third and fourth installment as under:

Sl. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	3rd and 4 th Install- ment
10.	Surat Gujarat	Secondary Sewage Treatment Plant at Bamroli, Surat	1322.47	661.23	330.61

11.

SURAT:

3RD & 4TH ACA PROPOSAL:

PROJECT: SEWAGE DISPOSALS AND STP FOR PAL PALANPORE AREA, SURAT

The CSMC noted that necessary level of expenditure had been attained taking into account Central, State and ULB share and implementation of reforms had been reviewed at length. The CSMC accordingly approved release of third and fourth installment as under:

Sl. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	3rd and 4 th Installment
11	Surat Gujarat	Water Supply Distribution System for TP Schemes no. 1 to 7 of Vesu of SUDA area, Surat	1919.00	959.50	479.90

12.

SURAT:

3RD & 4TH ACA PROPOSAL:

PROJECT: SEWAGE DISPOSALS AND STP FOR PAL PALANPORE AREA, SURAT

The CSMC noted that necessary level of expenditure had been attained taking into account Central, State and ULB share and implementation of reforms had been reviewed at length. The CSMC accordingly approved release of third and fourth installment as under:

Sl. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	3rd and 4 th Install-ment
12	Surat Gujarat	Water Supply Distribution System for TP Schemes no.8,9,10,14,15,16 of PalPalanpore of SUDA area, Surat	995.00	497.50	248.90

13.

SURAT:

3RD & 4TH ACA PROPOSAL:

PROJECT: SEWAGE DISPOSAL AND STP FOR PAL PALANPORE AREA, SURAT

The CSMC noted that necessary level of expenditure had been attained taking into account Central, State and ULB share and implementation of reforms had been reviewed at length. The CSMC accordingly approved release of third and fourth installment as under:

Sl. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	3rd and 4 th Install-ment
13.	Surat Gujarat	Upgradation of Anjana Sewage Treatment Plan, Surat	1098.00	549.00	275.00

14.

SURAT:

3RD & 4TH ACA PROPOSAL:

PROJECT: SEWAGE DISPOSALS AND STP FOR PAL PALANPORE AREA, SURAT

The CSMC noted that necessary level of expenditure had been attained taking into account Central, State and ULB share and implementation of reforms had been reviewed at length. The CSMC accordingly approved release of third and fourth installment as under:

Sl. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	3rd and 4 th Installment
14	Surat Gujarat	Construction of fly over bridge at Nana Varachha Junction, On Varachha Road, Surat	758.00	379.00	189.50

15.

SURAT:

3RD & 4TH ACA PROPOSAL:

PROJECT: SEWAGE DISPOSALS AND STP FOR PAL PALANPORE AREA, SURAT

The CSMC noted that necessary level of expenditure had been attained taking into account Central, State and ULB share and implementation of reforms had been reviewed at length. The CSMC accordingly approved release of third and fourth installment as under:

Sl. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	3rd and 4 th Install-ment
15.	Surat Gujarat	Augmentation of Adajan Sewerage Scheme, Surat	1193.00	596.50	298.50

16.

SURAT:

3RD & 4TH ACA PROPOSAL:

PROJECT: SEWAGE DISPOSALS AND STP FOR PAL PALANPORE AREA, SURAT

The CSMC noted that necessary level of expenditure had been attained taking into account Central, State and ULB share and implementation of reforms had been reviewed at length. The CSMC accordingly approved release of third and fourth installment as under:

Sl. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	3rd and 4 th Install-ment
16.	Surat Gujarat	Augmentation of Bhesan Sewage Treatment Plant, Surat	1509.00	754.50	378.50

17.

AMRITSAR:

2ND ACA PROPOSAL:

PROJECT: CONSTRUCTION OF 2 LANE ELEVATED ROAD TO GOLDEN TEMPLE AND CONSTRUCTION OF 4 LANE ELEVATED ROAD ON GT ROAD FROM MAQBULAPURA CHOWK TO BANDARI- PUL IN AMRITSAR CITY OF PUNJAB

The CSMC noted that necessary level of expenditure had been attained taking into account Central, State and ULB share and implementation of reforms had been reviewed at length. The CSMC accordingly approved release of second installment as under:

Sl. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	2nd Install-ment (25% of Central Share)
17.	Amritsar Punjab	Construction of 2 lane elevated road to Golden Temple and construction of 4 lane elevated road on GT Road from Maqbulapura chowk to Bandari- Pul in Amritsar City of Punjab	14949.00	7474.50	1868.63

18.

HYDERABAD:

PROJECT: KRISHNA DRINKING WATER SUPPLY PROJECT PHASE II

The CSMC noted that necessary level of expenditure had been attained taking into account Central, State and ULB share and implementation of reforms had been reviewed at length. The CSMC accordingly approved release of second, third and fourth installment as under:

Sl. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	2 nd 3 rd and 4 th Install-ment
18.	Hydreabad Andhra Pradesh	Krishna Drinking Water Supply Project Phase II	60650.00	21227.50	16056.33

19.

PROPOSAL FOR APPOINTMENT OF INDEPENDENT REVIEW AND MONITORING AGENCY (IRMA)

KERALA:

The CSMC took note of the proposal and approved the proposal in accordance with guidelines as under:

	City/State	Project	Proposed cost	Approved cost
19.	Thiruvananthapuram, Kerala	Independent Review and Monitoring Agency	Rs 2.00 Rs.0.5	Per Project for review of project documentation Rs.1.498 lakh Per visit to project site Rs.0.398 lakh

20.

PROPOSAL FOR PROGRAMME MANAGEMENT UNIT (PMU)

KERALA:

The CSMC observed as under:

- PMU professionals to be appointed shall be as per the Toolkit
- All admissible travel budget shall be paid on a reimbursement basis on an actual basis
- Only two computer operator and assistants are admissible for a PMU
- The procurement of PMU would be as per standard procurement practices, through competitive bidding.
- Total annual professional charges for 7 experts lakh = Rs. 85.80
- Support staff annum (2 Nos.) = Rs. 6.00 lakh per
- Travel expense annually = Rs. 5.00 lakh
- Total annual proposed PMU budget = Rs. 97.2 lakh
- Admissible Annual PMU cost = Rs. 97.20 lakh
- Total Admissible support towards establishing PMUs at KMDA (SLNA – West Bengal) for 3 years = Rs. 290.40 lakh

The CSMC approved the proposal as under:

20.	Thiruvananthapuram, Kerala	PMU Proposal Of Kerala			Admissible Annual Cost Rs.96.80 lakh
-----	-------------------------------	---------------------------	--	--	---

21.

PROPOSAL FOR PROJECT IMPLEMENTATION UNIT (PIU)

THIRUVANANTHAPURAM, KERALA:

- PIU composition of professionals to be appointed shall be as per the Toolkit
- Annual travel cost of Rs.2.0 lakhs shall be reimbursed on an actual basis
- The procurement of PMU would be as per standard procurement practices, through competitive bidding.
- Total annual professional fee for 8 officers = Rs. 24.00 lakh
- Annual Travel expense = Rs. 2.0 lakh
- Total Annual PIU cost = Rs. 26.00 lakh
- Admissible Annual PIU cost = Rs. 26.00 lakh (Thiruvananthapuram)
- Total Admissible cost of establishing PIU in Thiruvananthapuram for year 1 = Rs. 23.24 lakh
- Admissible support for Year 2 = Rs. 19.50 lakh (75% of year 1)
- Admissible support for Year 3 = Rs. 13.00 lakh (50% of year 1)

The CSMC approved the proposal as under:

21.	Thiruvananthapuram, and Kochi Kerala	PIU Proposal- Thiruvananthapuram and Kochi			Admissible Annual Cost Rs.26.00 lakh
-----	--------------------------------------	--	--	--	---

22.

PROPOSAL FOR PROJECT IMPLEMENTATION UNIT (PIU)

KOCHI, KERALA:

- PIU composition of professionals to be appointed shall be as per the Toolkit
- Annual travel cost of Rs.2.0 lakhs shall be reimbursed on an actual basis
- The procurement of PIU would be as per standard procurement practices, through competitive bidding.
- Total annual professional fee for 8 officers = Rs. 24.00 lakh
- Annual Travel expense = Rs. 2.0 lakh
- Total Annual PIU cost = Rs. 26.00 lakh
- Admissible Annual PIU cost = Rs. 26.00 lakh
(Kochi)
- Total Admissible cost of establishing PIU in Kochi for year 1 = Rs. 23.24 lakh
- Admissible support for Year 2 = Rs. 19.50 lakh
(75% of year 1)
- Admissible support for Year 3 = Rs. 13.00 lakh
(50% of year 1)

The CSMC approved the proposal as under:

22.	Thiruvananthapuram, and Kochi Kerala	PIU Proposal- Thiruvananthapuram and Kochi			Admissible Annual Cost Rs.26.00 lakh
-----	--------------------------------------	--	--	--	---

23.

PROPOSAL FOR PROGRAMME MANAGEMENT UNIT (PMU)

WEST BENGAL:

- PMU composition of professionals to be appointed shall be as per the Toolkit
- All admissible travel budget shall be paid on a reimbursement basis on an actual basis
- Only two computer operator and assistants are admissible for a PMU
- The procurement of PMU would be as per standard procurement practices, through competitive bidding.
- Total annual professional charges for 7 experts = Rs. 81 lakh
- Support staff = 7.2 lakh per annum (4 nos.)
- Travel expense = Rs. 9 lakh annually
- Total annual proposed PMU budget = Rs. 97.2 lakh
- Admissible Annual PMU cost = Rs. 89.60 lakh
- Total Admissible support towards establishing PMUs at KMDA (SLNA – West Bengal) for 3 years = Rs. 268.8 lakh

The CSMC approved the proposal as under:

23.	West Bengal	PMU Proposal received from West Bengal	Admissible Annual Cost Rs. 89.60 lakh
-----	-------------	--	---------------------------------------

24.

PROPOSAL FOR PROJECT IMPLEMENTATION UNIT (PIU)

ASANSOL, WEST BENGAL:

- PIU composition of professionals to be appointed shall be as per the Toolkit
- Annual travel cost of Rs.2.0 lakhs shall be reimbursed on an actual basis
- Only two computer operator and assistants are admissible for a PMU
- The procurement of PMU would be as per standard procurement practices, through competitive bidding.
- Total annual professional fee for 8 officers = Rs. 24.96 lakh
- Annual Support staff expense = Rs. 2.88
- Annual Travel expense = Rs. 2.0 lakh
- Total Annual PIU cost = Rs. 29.36 lakh
- Admissible Annual PIU cost = Rs. 29.36 lakh(Asansol)

The CSMC approved the proposal as under:

24.	Asansol, West Bengal	PIU proposal- Asansol			Admissible Annual Cost Rs.29.36 lakh
-----	----------------------------	--------------------------	--	--	---

25.

PROPOSAL FOR PROJECT IMPLEMENTATION UNIT (PIU)

DURGAPUR, WEST BENGAL:

- PIU composition of professionals to be appointed shall be as per the Toolkit
- Annual travel cost of Rs.2.0 lakhs shall be reimbursed on an actual basis

- Only two computer operator and assistants are admissible for a PMU
- The procurement of PMU would be as per standard procurement practices, through competitive bidding.
- Total annual professional fee for 8 officers = Rs. 24.60 lakh
- Annual Support staff expense = Rs. 2.4 lakh
- Annual Travel expense = Rs. 2.0 lakh
- Total Annual PIU cost = Rs. 29.00 lakh
- Admissible Annual PIU cost (Durgapur) = Rs. 29.00 lakh
- Total Admissible cost of establishing PIU in Durgapur for year 1 = Rs. 29.00 lakh
- Admissible support for Year 2 (75% of year 1) = Rs. 21.75 lakh
- Admissible support for Year 3 (50% of year 1) = Rs. 14.50 lakh

The CSMC approved the proposal as under:

25.	Durgapur, West Bengal	PIU proposal- Durgapur			Admissible Annual Cost Rs.29.00 lakh
-----	-----------------------------	---------------------------	--	--	---

26.

PROPOSAL FOR PROJECT IMPLEMENTATION UNIT (PIU)

CHANDERNAGORE, WEST BENGAL:

- PIU composition of professionals to be appointed shall be as per the Toolkit
- Annual travel cost of Rs.2.0 lakhs shall be reimbursed on an actual basis
- Only two computer operator and assistants are admissible for a PMU

- The procurement of PMU would be as per standard procurement practices, through competitive bidding.
- Total annual professional fee for 8 officers = Rs. 21.96 lakh
- Annual Support staff expense = Rs. 2.4 lakh
- Annual Travel expense = Rs. 2.0 lakh
- Total Annual PIU cost = Rs. 26.36 lakh
- Admissible Annual PIU cost (Chandernagore) = Rs. 26.36 lakh
- Admissible support for Year 2 (75% of year 1) = Rs. 19.77 lakh
- Admissible support for Year 3 (50% of year 1) = Rs. 13.18 lakh

The CSMC approved the proposal as under:

26.	Chandernagore, Kolkata U.A, West Bengal	PIU proposal- Chandan Nagar			Admissible Annual Cost Rs. 26.36 lakh
-----	---	--------------------------------	--	--	--

27.

PROPOSAL FOR PROJECT IMPLEMENTATION UNIT (PIU)

HOWRAH, WEST BENGAL:

- PIU composition of professionals to be appointed shall be as per the Toolkit
- Annual travel cost of Rs.2.0 lakhs shall be reimbursed on an actual basis
- Only two computer operator and assistants are admissible for a PMU
- The procurement of PMU would be as per standard procurement practices, through competitive bidding.

- Total annual professional fee for 8 officers = Rs. 24.84 lakh
- Annual Support staff expense = Rs. 2.88 lakh
- Annual Travel expense = Rs. 2.0 lakh
- Total Annual PIU cost = Rs. 26.72 lakh
- Admissible Annual PIU cost = Rs. 29.72 lakh(Durgapur)
- Total Admissible cost of establishing PIU in Rajkot for year 1 = Rs. 22.29 lakh
- Admissible support for Year 2 = Rs. 22.29 lakh (75% of year 1)
- Admissible support for Year 3 = Rs. 14.86 lakh (50% of year 1)

The CSMC approved the proposal as under:

27.	Howrah, West Bengal	PIU proposal- Howrah.			Admissible Annual Cost Rs.29.72 lakh
-----	------------------------	--------------------------	--	--	---

PROPOSAL FOR PROJECT IMPLEMENTATION UNIT (PIU)

RAJKOT, GUJARAT:

28.

- PIU composition of professionals to be appointed shall be as per the Toolkit
- Annual travel cost of Rs.2.0 lakhs shall be reimbursed on an actual basis
- Only two computer operator and assistants are admissible for a PMU
- The procurement of PMU would be as per standard procurement practices, through competitive bidding.
- Total annual professional fee for 8 officers = Rs. 21.24 lakh
- Annual Travel expense = Rs. 2.0 lakh

- Total Annual PIU cost = Rs. 23.24 lakh
- Admissible Annual PIU cost = Rs. 23.24 lakh
- Total Admissible cost of establishing PIU in Rajkot for year 1 = Rs. 23.24 lakh
- Admissible support for Year 2 = Rs. 17.43 lakh (75% of year 1)
- Admissible support for Year 3 = Rs. 11.62 lakh (50% of year 1)

The CSMC approved the proposal as under:

28.	Rajkot, Gujarat	PIU proposal- Rajkot			Admissible Annual Cost Rs.29.72 lakh
-----	-----------------	----------------------	--	--	---

29.

HYDERABAD, ANDHRA PRADESH:

PROJECT:

COMMUTER AMENITY CENTRES (CAC) :

Hyderabad is emerging as a fast growing destination for IT and allied industries. The population is projected to increase from the current level of 65 lakh to 77 lakh in 2011. To meet the public transport needs, the Andhra Pradesh State Road Transport Corporation operates city bus services. With the current daily addition of 625 vehicles per day, most of them constituting two wheelers and cars, it places lot of stress on the public transport and other passenger amenities available for the commuters who prefer public transport mode.

Current Issues Hampering the Public Transport:

- As on 2000 -01 the city had 8.56 lakh two wheelers, 1.26 lakh cars and only 2,345 buses operated by APSRTC
- Hyderabad has only 9% of Area under Road Network against 18% in City like New Delhi
- The Current Vehicle Density of Hyderabad is 720 PCU against 290 PCU in Chennai and 240 PCU in Mumbai
- The City has only 453 buses run by APSRTC under public transport against the norm of 1000 buses per 1 million population

Issues to be Addressed:

- Reducing Personalised Transport by increasing the share of Public Transport
- Addressing last mile connectivity options for the general public to use the public transport facilities like urban buses, Mass Rapid Transit System and the Metro Rail planned by the City
- Making provision for Park –n – Ride facilities, Reducing Trip Rate by promoting public transport and introduction of Intelligent Transport System

Commuter Amenity Centres are part of the improved measures for the over all strategy to increase the use of Public Transport by the commuters. These CACs shall also act as Intermodal Transit Centres by integrating the different modes of Transport like Road, Rail and Air

- APSRTC proposes to construct and operate 41 CACs in the 20 new and 21 existing bus terminals at a total cost of Rs.821.90 Cr
- In the PHASE-I, 7 Commuter Amenity Centres are proposed under JNNURM at a cost of Rs.206.06 Cr
- The Seven CACs are proposed at **Musheerabad, Hayathnagar, Shamshabad, Bandlaguda, Turka Yamzal and Mehdipatnam**

- Four Bus Terminals are proposed at **Farooqnagar, Patancheru, ECIL Cross Roads** and **Koti Terminus**

The Facilities proposed at the CACs are:

- Park –n- Ride facility
- Passenger Information System
- Food Courts, Rest Rooms
- ATMs / Tax & Bill Payments
- Bus Pass counters
- Pharmacy & Trauma care centre
- Passenger Transfer Points
- Shopping Malls
- Bus Maintenance Facilities

The Project Benefits for the Commuters:

- Integrated Ticketing
- Multimodal Transport facility
- Convergence of widely spread out transport demand
- Reduction in travel time
- By provision of all other citizen services under these CACs the most needs of the commuters for using the Public Transport shall act as an incentive

Comments of the Appraisal Agency:

- CPWD, the Appraisal Agency observed that the implementing agency had submitted block estimates which had been scrutinized and reduced to 162.13 Crore in the appraisal note of CPWD.
- The TTMC model, Bangalore, should be followed for project implementation

- Further Detailed Design should be carried out before beginning of implementation
- Director UT supported the project

Based on the presentations by the Project Implementing Agency, the CSMC observed as under:

- The Project shall form part of the prioritized projects under the CDP
- Comprehensive Mobility Plan for the City shall be prepared and all the proposed CACs and Bus Terminals acting as Multimodal Transit points shall be part of the overall mobility network under CMP
- The proposed SPV for the operation of CACs and Multi modal transit terminals shall be formed and the revenue model shall be submitted to the Mission Directorate
- The City shall also enhance the Inter City and Intra City Bus services through PPP at the earliest so that public transport service availability is increased at the earliest
- The proposed PPP for the operation and maintenance of CACs and Multimodal Centres by the private operator shall be communicated to the Mission Directorate regarding the Concession period and Operation and Maintenance arrangements
- The CACs should fully integrate various modes, including proposed Metro, MRTS and Bus Transport.
- The project implementing agency by proposing to the City shall get from the Government of Andhra Pradesh relaxation of norms for increasing the permissible floor height and Floor Area Ratio (FAR) so that the project gets the maximum revenue mobilization under PPP
- Integrated Ticketing for use of Multimodal transport infrastructure shall be introduced for the benefit of the commuters
- The CACs shall ensure that their location is within the proposed Metro Rail connectivity of these areas

- The Revenue generated under the introduction of PPP shall be used for funding the remaining CACs proposed by the project implementing agency
- The City shall constitute a working committee for operationalisation of Urban Mass Transit Company (UMTC) for Hyderabad
- The Project Implementing Agency shall submit the PPP model with different options and the justification for arriving at the selected model
- The PIA shall also submit the Financial Operating Plan (FOP), Revenue Model, O&M Model and Time schedule for project implementation

(Detailed Presentation at Annexure –V)

CSMC approved the project as under:

Sl. No.	Mission City/ State	Project Title/name	Project Cost	Central Share	1st Install-ment (25% of Central Share)
29.	Hyderabad, Andhra Pradesh	Commuter Amenity Centres (CAC)	16213.00	5674.55	1418.64

The meeting ended with thanks to the Chair.

LIST OF PARTICIPANTS OF 44th CSMC MEETING HELD ON 8th February, 2008 AT 10.30 AM

1. Shri M. Ramachandran, Secretary (UD) – in the Chair
2. Shri A. K. Mehta, Director (NURM)
3. Shri R. Sethuraman, Advisor (PHEE), CPHEEO
4. Dr. K.S.R.V.S. Chalam, Economic Advisor, M/o Urban Development
5. Shri J.B. Kshirsagar, Chief Planner, TCPO
6. Ms. Sujaya Krishnan, Director UD/Adm., MoUD
7. Shri Deena Nath, Deputy Director, D/o Expenditure, Ministry of Finance
8. Shri Rajesh Mittal, Director (CSO) I, CPWD
9. Shri S.K.Lohia, director(UD) ,MOUD
10. Shri Esther Kar, Additional Dir. General ,PIB, Room No. 103B, Shastri Bhawan
11. Ms. Sujatha Srikumar, B-5/20, Safdarjung Enclave, New Delhi
12. Shri J.A. Vaidyanathan, US (JNNURM), M/o HUPA
13. Shi Mehar Singh, DS (NURM-II)
14. Shri S. Kanakambaran, US (NURM.III)
15. Shri J.B. Ravinder, Asstt. Advisor (PHEE), CPHEEO
16. Shri Ashwani Mittal, Executive Engineer, CPWD
17. Shri C.P.S. Vimal, Executive Engineer, CPWD
18. Shri Ram Gopal, SO (NURM-I)
19. Shri Sanjay Sharma, SO (NURM-II)
22. Shri Prem Narayan, SO (NURM-III)

Representatives from State Governments / Cities

23. Shri Sudip Datta, BUIDPL, West Bengal
24. Shri Vivek Kijriwal, BUIDPL, West Bengal
25. Shri Anand Singh, Project Director, KSUDP, Trivandrum, Kerala
26. Shri R.M.Challeja,DGO/KMDA, Kolkata
27. Shri Amiya Das, Mayor, Chandennagar M.C., Chandennagar

28. Shri Barun Kumar Ray, Secretary, KMDA, Kolkata
29. Shri P.M. Patel, Executive Engineer, Vadodara M.C.
30. Shri Chirag Pandya, Executive Engineer-JNNURM cell, Rajkot M.C.
31. Shri Jayesh D.Kukadiya, Asst. engg.-JNNURMcell Rajkot M.C.
32. Shaheen Ali Khan, OSD, JNNURM, AMC Ajmer
33. Shri Vivek Bharadwaj Spl. Secy UD, West Bengal
34. Shri A.K. Singh, project manager PDCOR,Ajmer
35. Shri Rajneesh Parwel, Senior manager, PDCOR ltd.
36. Shri M.K. Garg, ED, RUIFDCO
37. Smt. Superna Bhatia, PIB
38. Shri K.S. Jawahar Reddy, MD, HMUSSB
39. Shri M.K. Das, Municipal Commissioner, Vadodara M.C., Vadodara
40. Shri Harpreet Singh Brar, RUIFDCO, Jaipur
41. Shri S.Aparna, MC (Surat)
42. Shri D. Basak (Surat)
43. Shri A.K.Tailor, Dy. Town planner, MC, Surat
44. Shri Mukesh Aggrawal, Indore Deve.Authority, Indore
45. Shri V.K. Gangwal, S.E., Indore Deve. Authority, Indore
46. Shri D.L.Goyal, CCP/CEO, IDA Indore
47. Shri DPS Kharbanda, Commissioner, M.C Amritsar (PB.)
48. Shri Rajnish Kalra, Addl. Project Director, SLNA (PB.)
49. Shri A.S. Dhaliwal, SE, M.C. Amritsar
50. Shri K. Jawahar Reddy, M.D., HMWSSB, Hyderabad
51. Shri T. Krishna Prasad, Director APSRTC, Hyderabad