

**Minutes of the 79<sup>th</sup> CSMC held on 20.11.2009 under the  
Chairmanship of Secretary (UD)**

The 79<sup>th</sup> CSMC of UIG component of JNNURM was held on 20.11.2009 under the Chairmanship of Secretary (UD). The list of participants is annexed. The following proposals were taken up by the CSMC.

**Karnataka**

**1. Heritage and Urban Renewal at Heritage Core, Mysore**

(Presentation made by the ULB is at Annexure-I)

**Project Components:** The project envisages pedestrianisation along a designed heritage trail, organized parking, enhancement of public spaces, enhancement of heritage walk, provision of street furnitures and street lighting, signage and information for tourists with a restriction of parking vehicles beside the Mysore palace and on roads in the heritage area.

**Implementing period:** Project duration is for 24 months.

**Implementing Agency** will be Municipal Corporation of Mysore which will also look after operations and maintenance of project. Project has approval of the ULB.

**Issues discussed:** CPWD stated that it is not clear from the project proposal whether the area is with the ASI and the extent of congestion around the palace area. Municipal Commissioner of Mysore stated that the area is not with the ASI and that a drive to remove encroachments has been done to clear 6 roads, 8 more roads remain.

CPWD also stated that comments on parking and Kala Mandir have not been provided by Heritage expert in the Technical Cell although CPWD has appraised the cost.

SLNA Karnataka stated that CPWD appraisal does not include theatre restoration and remodification of interiors. The existing Hall is non

air conditioned and the proposal includes air-conditioning, stage lighting, and motorization with TV's which have not been allowed. Rs. 24 crore for the two heritage buildings has been excluded. Buildings and horse stables for horse carriages and associated infrastructure along with utility shifting and up gradation of tongas and taking up the exterior work in the area which is used currently as a dumping ground for garbage and illegal parking was requested to be allowed. This area is proposed to be converted to a park or green area with a tourist buffer space in 3.98 acres with an amphitheatre for use as an open Air Theatre. This will boost local artistes as the Town Hall may exclude local artistes and a total cultural hub would give opportunity for local artistes. The costs could be reworked using the steps for the open air theatre for a rainwater harvesting structure covering 7 acres which will enable Gold certification for the project.

CPWD stated that utility shifting proposal had no details and only a lump sum provision was given making it difficult to estimate the quantum.

CSMC accepted the above request of SLNA and approved the inclusion of utility shifting charges as well as the development around the Town Hall area and revised the project cost accordingly.

**Views expressed:** Representative from Ministry of Environment stated that the Corporation could explore Solar Energy for lighting, Rainwater harvesting and using treated sewage for gardening purposes. Municipal Commissioner Mysore stated that this will be examined and that recycling of sewage is being done by the Corporation.

CSMC approved the project for Mysore subject to observations of CPWD and Urban Design and Heritage Specialist as follows: **(In**

**Rs. Lakh)**

Sl. No	Mission City/ State	Project Name	Project Cost	Central Share	Installment (25% of Central Share) to be released
1	Mysore, Karnataka	Heritage and Urban Renewal at Heritage core	3945.00	3156.00 (80%)	789.00 (being 25% as 1st instt.)

## West Bengal

### 2. Drainage and Sewerage Project in Bidhannagar, Kolkata

(Presentation made by the ULB is at Annexure-II)

**Present status:** Project includes new areas of 4.6 sq km recently added to the Municipality which originally had 12.5 sqkm covered with sewerage facility. Currently the ULB has 35% coverage under sewerage and after this project 100% area will be covered. Sewage generation by 2026 is anticipated at 32 MLD.

**Project components:** Gravity sewage Network for 3 wards with 3 lifting stations, 27 MLD STP up gradation and sewage cleaning machinery will be taken up. Project will lead to 100% network and 100% collection efficiency, 100% waste water treatment. 80 mg/Litre BOD at present would reduce to 30 mg/ Litre BOD. At least 2.5 MLD treated water will be used for pisciculture. The cost recovery as User charges has been prepared on the basis of a Tariff plan with a Benchmark of 90% for collection of sewage and garbage. The project ensures integration with the urban poor.

**Implementing Period:** Project will be completed in 24 Months by December 2011. Road restoration work will be completed by 3<sup>rd</sup> Qtr of 2012.

**Issues discussed:** Secretary UD stated that integration issue for Kolkata UA as a planned city with a distinct drainage area needs to be examined by the State Govt.

KMDA stated that Bidhannagar has its own system, and the additional new area proposed will be maintained by the ULB. 27 MLD STP will reduce BOD load and entire treated water will be taken in the water bodies located in Ward No. 14.

Secretary UD observed that there should be no lack of clarity in connectivity to sewage systems and that ULB should take overall stock of what remains to be done, what is proposed and link the overall requirements with NUSP.

KMDA stated that Sanitation Policy will be prepared by end of the year for Kolkata which will be based on community toilets and mobile toilets in slum areas. This will cover all slum areas which were villages earlier and will be integrated with the current BSUP project in which 665 houses are coming up.

**CPHEEO Observations:** There is 80% STP capacity utilization and by 2011 it will rise to 27 MLD. Secondary clarification is now being added for 30,000 households in the town and for 6,000 households and 37,235 population in the project area. Existing system has three-fourth connectivity of house connections with sewage networks.

Municipal Commissioner stated that in sectors 1, 2, 3 entire households are connected but one-fourth of the city currently has no sewage facility. KUSP programme is being carried on to prevent open defecation.

CPHEEO stated that O&M costs for the project is based on Property Tax and there are no user charges proposed which need to be adopted for project sustainability.

The ULB stated that it has the financial position for bearing O&M costs as it has annual revenue of Rs. 300 cr. of which 2/3rds is by way of Property taxes. Currently the O & M expenditure is Rs. 1.2 crore per annum which will rise to Rs. 2.3 crore after project is implemented. It will also

impose a Betterment Tax and a part of it will go for O & M costs. The commitment for user charges reforms is for the last year.

CSMC approved the following project subject to observations of CPHEEO as under:

**(In Rs. Lakh)**

Sl. No	Mission City/ State	Project Name	Project Cost	Central Share	Installment (25% of Central Share) to be released
2	Kolkata, West Bengal	Drainage and Sewerage Project in Bidhannagar, Kolkata	2538.45	825.46 (35%)	206.37 (being 25% as 1st instt.)

### **Chandigarh**

#### **3. Chandigarh Augmentation of Water Supply, Phase V**

(Presentation made by the ULB is at Annexure-III)

**Present Status:** Existing system is insufficient to cater to the present demand due to rapid increase of population and industrialization. In order to bridge the gap of 39 MGD for the current requirements upto the year 2027, there is a need to augment water supply.

There are 1.4 lakh households and every household has a connection except unauthorized colonies on the outskirts. 25,000 new EWS housing is being taken up for which biometric survey has been done and 3,000 houses constructed for the encroachers and migrants settled in these areas with single tenement houses in 3 floors. Distribution System caters to 1.4 lakh households.

The entire UT is mainly an Urban area with villages under the lal dora. Municipal Corporation came into being in 1996 and covers 80% of

the UT area and the rest is with the Chandigarh Administration but the functions have not been devolved to the M.C.

**Project assumptions:** Although the total availability of canal and surface water is 86 MGD, the net availability considered is 68 MGD in view of the fact that production of water from tubewells would be reduced to 10 MGD from 20 MGD and 8 MGD water meant for Chandi Mandir and Haryana would be withdrawn in the near future. The peak demand is 120 MGD during summers due to addition of new areas and increase in FAR permitted in Chandigarh. The last augmentation was done in 2006 by adding 20 MGD. **Project Components:** The project envisages surface water pipeline up to sector 39. It will cater to an area of 114 sqkm. The project will bring in Canal water from Bhakra dam as per 1983 sharing pattern approved by MHA. A 27.5 kms pipeline with gravity mains of 500 m, Sub-Station, 30 MGD Water Treatment Plant and 2 raw water suction sumps of 0.5 MGD capacity will be constructed. The additional water would be brought to existing 6 LSR's. Service Level Benchmarks for the project have been set out.

Infrastructure has been created for off take from BML canal, Kajauli (Punjab) to release 120 MGD. 80 MGD is currently being drawn under Augmentation water supply phase I,II,III, IV. 40 MGD has been proposed to be drawn under augmentation water supply scheme phase V,VI, which will be shared between Chandigarh (29 MGD), Mohali (5 MGD), Panchkula (3 MGD), Chandi Mandir (3 MGD). The sharing is to be as per agreement of 1983 against the free supply of bulk water between Chandigarh, Punjab and Haryana. Chandigarh will bring in 40 MGD water at its cost and allow 11 MGD as long term royalty/ free water. Land is available for the proposed project as it was acquired in the first phase and it has the capacity for this pipeline also.

**Project duration** is 36 months. Project has been approved by the ULB and SLSC.

**CPHEEO Observations:** For this augmentation project further 40 MGD water from Bhakra is needed but this is not included in the DPR. It will need an agreement on water sharing to be reached between Punjab/Haryana/Chandigarh. Bhakra Beas Management Board covering Punjab, Haryana, Rajasthan and Chandigarh would need to approve the project.

Chandigarh has direct pumping system and the distance and service reservoirs in a grid network needs to be proposed for a 24x7 system.

**Reforms:** Chandigarh stated that Master plan revision is being taken up along with proposals for levying of Property Tax, Transfer of functions and User charges. Water Tax and Property Tax reforms will be done in 6 months.

**Issues discussed:** 28% wastage of NRW includes 6% free water through stand posts. Stand posts are designed for 40 LPCD and account for 10% of water supplied which will be wasted unless metered. This needs to be taken up for SLB's on unmetered supply with a commitment on NRW reduction without which the proposed augmentation will lead to greater leakages.

Jt. Secy & Mission Director stated that the Directorate was pushing for 24x7 system in Chandigarh which however was not supported.

Municipal Commissioner Chandigarh stated that as High rise buildings are not allowed in the UT direct pumping is being done. CPHEEO's proposal will lead to higher costs and energy requirements for OHR's. There will be no energy efficiency due to pumping. In the present proposal out of Rs. 193 crore, the raw water pipeline for 600 mm and 1500 mm pipes will cost Rs. 108 crore which is the main project cost. However,

ULB agreed to examine the hydraulics involved and come back with a project for a 24x7 supply system, water audit and energy audit.

**CSMC Observations:** The release for the project will be done after availability of water from Bhakra and an understanding reached for water drawal. 3 months time limit was fixed for finalising the water agreement otherwise the project will be treated as having lapsed.

A proposal will be prepared for the entire area including Mohali, Panchkula, Chandi Mandir cantonment. As entire 40 MGD upto treatment has been taken up in this project, the next DPR will provide for the remaining area in 6 months time.

CSMC approved the following project subject to observations of CPHEEO and conditions stated above as under:

**(In Rs. Lakh)**

Sl. No.	Mission City/ State	Project Name	Project Cost	Central Share	Installment (25% of Central Share) to be released
3	Chandigarh	Augmentation of water Supply, Phase-V, Chandigarh	13421.00	10738.80 (80%)	2684.20 (being 25% as 1st instt.)

**Punjab:**

**4. Rehabilitation of Existing Water Supply system for walled city Area ,Amritsar**

(Presentation made by the ULB is at Annexure-IV)

**Present Status:** After the British period, no rehabilitation of W.S in old area was taken up. Water supply is getting mixed with sewage and the city has had deaths due to this problem. The old city area is 3.54 sq km out

of 114 sq kms but has 1.74 lakh population out of 10.11 lakh and migratory population in the city.

**Project components:** 80% of the water wasted through service connections will be replaced in the distribution network by HDPE pipes which will reduce leakage by 50%. OHSR's will be rehabilitated by pressure grouting. Project rehabilitates a total length of 77 kms of networks with 9 OHSR's, rising mains. Chlorinator building will be constructed including all allied electrical works with a dedicated electrical feeder for uninterrupted power supply.

Walled City portion will get treated water from the project which will reduce UfW, improve hours of supply and shift from intermittent to continuous systems. Tariffs are being collected by the Municipal Corporation and the O&M is being done by AMC with 30 to 40% collection efficiency. Currently 10% connections are metered and after the project 100% metering will be done in old city with House Service connections for all 30,000 houses.

**Project Duration:** will be 24 months time with fully rehabilitated system by ULB.

**CPHHEO Observations:** Technical appraisal indicates UfW is at 53% now. This needs an in depth study of the area to plug leakages through joints based upon which action needs to be taken to reduce UfW. With the commissioning of the proposed system, equitable distribution of supply can be assured in the old city area.

**State Govt's Observations:** Principal Secretary UD, Punjab stated that State / ULB contribution is being committed and funds would be made available as per stages of construction. Discussions were held in the State Govt. on 18<sup>th</sup> Nov'09 regarding the concern expressed by the Ministry of Urban Development on the lack of progress on reforms especially the commitments on reforms of Property Taxes and User

charges. ULB share for the projects will now be borne by the State Govt. Elimination of exemptions to self occupied property will be taken up by a Cabinet decision.

**CSMC conditionalities:** It was decided that as ACA releases of earlier approved projects in Punjab have been held up at the State level, ACA releases for the project will be made when State share and ULB share against the 25% of 1<sup>st</sup> instalment is available in project a/c with SUDA, Punjab after which the State Govt. will send a request for release of ACA to MoUD.

CSMC approved the following project subject to observations of CPHEEO and conditions stated above as under:

**(In Rs. Lakh)**

Sl. No	Mission City/ State	Project Name	Project Cost	Central Share	Installment (25% of Central Share) to be released
4	Amritsar, Punjab	Rehabilitation of existing water supply system for walled city area, Amritsar	4578.00	2289.00	572.25 (being 25% as 1 <sup>st</sup> instt.)

## Sikkim

### 5. Upgradation and modernisation of raw water trunk mains and water treatment plant for Greater Gangtok Water Supply System

(Presentation made by the ULB is at Annexure- V)

**Need for Project:** The project was laid during 1965 when existing trunk mains were laid. The present project proposal contains 15 kms for

modernization of mains as the distribution system is financed under the ADB project and it has been ensured that there is integration between the two projects.

**Project components:** Water Treatment Plant of 13 MLD is old which will be rehabilitated. An addition of 20 MLD will ensure that the total requirements will be met. Project will lead to assured supply of 135 LPCD 24x7 continuous supply from 126 LPCD intermittent supply at present. A mechanism to reduce the current 20% leakage will be put into place.

Project will ensure 100% metering of water supply connections after ADB'S NERUDB project. For computation of this DPR, it has been designed at 2001: 21,000 population. For 2008: 82,149 population has been taken as newer area under M.C has been added.

**Issues discussed:** Secretary WS and PHED, Govt. of Sikkim stated that there were certain issues raised regarding the project proposal as to whether there is any duplication of the project with the Calamity Relief Fund. It was stated that the earlier water supply project was for meeting a period of emergency and is not replicated in this proposal. Earlier DPR projections were based upon a high population growth assumption, now it has been based upon the field visits undertaken by CPHEEO which has confirmed the requirements. State Government has also agreed to the revision and the earlier proposal has been dropped.

**Reforms:** It was informed that SEC has been constituted, wards notified, electoral rolls finalized, and reservation criteria fixed. Poll dates are to be fixed for around 1<sup>st</sup> Quarter of 2010 in order to synchronise with proposed panchayat elections. Greater Gangtok is now coterminous with 15 notified wards.

**CPHEEO Observations:** Project covers the entire water sector right from treatment of raw water under NURM and distribution systems along with metering, repairing of WTP, repairing of filter bed under ADB. Project is

designed for a 16 hrs storage capacity which has been provided to account for emergency and landsides. 20 MLD additional capacity has been considered based upon the space available and it has been verified that the Rs 34 crore ADB project components are fully matched.

**CSMC Observations:** mechanisms need to be put into place wherever projects have been completed in order to assess outcomes envisaged at the time of DPR preparation. IRMA report to reflect reasons if these have not occurred.

CSMC approved the following project subject to observations of CPHEEO and conditions stated above as under:

**(In Rs. lakh)**

Sl.No.	Mission City/ State	Project Name	Project Cost	Central Share	Installment (25% of Central Share) to be released
5	Gangtok, Sikkim	Upgradation and modernization of raw water trunk mains and water treatment plant for Greater Gangtok	7261.66	6535.49 (being 90%)	1663.87 (being 25% as 1st instt.)

### **Second and subsequent Instalments**

Second and subsequent instalments for the following projects were taken up after examining their financial and reform progress

#### **Uttar Pradesh:**

##### **6. Water supply Component Phase-I for Varanasi**

A reference was received from Municipal Commissioner Varanasi regarding call for tenders of inferior quality pipelines by the Jal Nigam, the implementing agency for the project. It was clarified by the State Govt of

U.P. that D.I. pipe tenders were invited five times and thereafter PSC/GRP/AC pipes were asked for while tendering but no tenders were finalized or pipes procured for these specifications. State Govt reiterated that there was no change envisaged or made in the technical specifications.

The CSMC approved the release of instalments as under:

(In Rs. Lakh)

Sl. No	Mission City/ State	Project Name	Project Cost	Central Share	Installment (25% of Central Share) to be released
6	Varanasi, Uttar Pradesh	Water supply component phase-I for Varanasi	11102.00	5551.00	1387.75 (Being 25% as 3 <sup>rd</sup> instt.)

### Maharashtra

For Greater Mumbai projects being implemented by MMRDA, it was observed that MMRDA was to sign an agreement with MCGM and that the ULB should take over assets after implementation and operate and maintain the same. However, MMRDA has stated that there is no need for signing MoA with MCGM as the project will be maintained by MMRDA and not by ULB after completion. State Govt. of Maharashtra and MCGM needs to clarify this position so that release of subsequent instalments is taken up. Regarding Road projects of Nanded CPWD stated that the implementing agency did not provide a copy of the DPR to IRMA and that there is only 1 ½ months left for project completion. CSMC observed that the quality of IRMA reports have to be improved upon and the IRMA needs to be given all the information needed in order to carry out its assigned task.

The CSMC approved the release of instalments as under: **(In Rs. Lakh)**  
**Madhya Pradesh**

Sl. No.	Mission City/ State	Project Name	Project Cost	Central Share	Installment (25% of Central Share) to be released
7.	Thane (UA of Greater Mumbai), Maharashtra	Additional 110 MLD Water Supply Scheme	7118.00	2491.30	622.93 (4 <sup>th</sup> Instal.)
8.	Greater Mumbai, Maharashtra	Eastern Freeway from Prince of Wales Museum to Anik Junction	33638.80	11773.50	2943.40 (2 <sup>nd</sup> Instal.)
9.	Greater Mumbai, Maharashtra	Elevated Road on Sahar Road from Western Express Highway to International Airport	15513.34	5429.67	1357.42 (2 <sup>nd</sup> Instal.)
10.	Nanded, Maharashtra	Sewerage system in North Nanded Zone-III	3931.00	3144.80	786.20 (2 <sup>nd</sup> Instal.)
11.	Nanded, Maharashtra	Improvement of city roads in Nanded City (Package-I)	6108.55	4886.84	1221.71 (2 <sup>nd</sup> Instal.)

The CSMC approved the release of instalments as under:

**(In Rs. Lakh)**

Sl. No.	Mission City/ State	Project Name	Project Cost	Central Share	Installment (25% of Central Share) to be released
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12.	Bhopal, Madhya Pradesh	Narmada supply Bhopal	Water Project,	30604.16	15302.08	3828.52 (Being instal.)	3 <sup>rd</sup>
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**Mizoram:**

CSMC observed that the second instalment for the project has been claimed after about two years of the project having been approved. The revised completion schedule for the project now is for mid 2010. Also, in the absence of a ULB, the SLSC has decided on implementation of the project by PHE department. 58% of the project has been physically completed and 100% of the State share has been released.

The CSMC approved the release of instalments as under:

**(In Rs. Lakh)**

Sl. No	Mission City/ State	Project Name	Project Cost	Central Share	Installment (25% of Central Share) to be released	
13.	Aizawl, Tripura	Renewal of Pumping Machineries and equipments and transmission system of Greater Aizawl Water Supply Scheme (phase-I)	1681.80	1513.62	378.41 (Being instal.)	2 <sup>nd</sup>

**PIU for Puri and Bhubaneswar, Orissa**

CSMC approved the proposals for PIU of Puri and Bhubaneswar as follows:

**(Rs. In Lakh)**

Sr.No.	Mission City/ State	Project Name	Project Cost	Central Share
14	Puri, Orissa	Establishment of PIU	63.90 For 3 years	63.90
15	Bhubaneswar, Orissa	Establishment of PIU	63.90 For 3 years	63.90

### Reimbursements of DPR's and CDP's

#### 16. Mangalgiri , Andhra Pradesh

CSMC approved reimbursement of Rs 22.62 lakh to Mangalgiri Municipality towards cost of preparation of DPR in respect of project "Providing Storm water drains at Mangalgiri town in Vijayawada". For the present a sum of Rs. 18.64 lakh (actual payment) would be released and remaining amount of Rs. 3.98 lakh released upon receipt of payment bill from Mangalgiri Municipality.

### Tamil Nadu

#### 17. Chennai, Tamil Nadu

CSMC approved reimbursement of Rs 144.79 lakh to Chennai Municipal Corporation towards cost of preparation of 4 DPR's in respect of project "Improvement to Storm water drain in the Northern basin, Central basin, Eastern basin and Southern basin of Chennai". For the present a sum of Rs. 135.80 lakh (actual payment) would be released and remaining amount of Rs. 8.99 lakh released upon receipt of payment bill from Chennai Municipal Corporation through TUFIDCO.

#### 18. Ambattur Municipality, Tamil Nadu

CSMC approved reimbursement of Rs 98.18 lakh to TUFIDCO towards cost of preparation of DPR in respect of project "Providing underground sewerage scheme- Phase-III for Ambattur Municipality".

**19. Goa**

Proposal for reimbursement of CDP was kept in abeyance till a DPR for Goa is received.

The meeting ended with vote of thanks to the Chair.