



Asian Development Bank

Aide Memoire

Midterm Review Mission 12-26 June 2012

MFF30-IND: North Eastern Region Capital Cities Development Investment Program Midterm Review Mission for Loan 2528: Tranche-1 Review Mission for Loan 2834: Tranche-2

I. INTRODUCTION

1. A Midterm Review Mission (the Mission) from the Asian Development Bank (ADB) was fielded from 12 to 26 June 2012 for the project.¹ The Mission reviewed (i) progress of project implementation, (ii) the status of achieving project outputs and assess likeliness of attaining the project outcomes, (iii) the status of compliance to the Framework Financing Agreement's (FFA) undertakings and loan covenants, (iv) the status of implementation of the Urban Institutional, Financial, Regulatory, and Operational Reform Program, (v) updated projections of contract awards and disbursement until project completion, (vi) updated project cost and implementation schedule, (vii) reviewed implementation of Loan 2834-IND, and (viii) discussed the status of preparation for Tranche-3 loan under the MFF. The Mission discussed with the Ministry of Urban Development (MOUD), the national executing agency's (NEA) Program Coordination Cell (IPCC), the state executing agencies (SEA) and the State Investment Program Management and Implementation Units (SIPMIU) of Nagaland, Meghalaya, Mizoram, Sikkim, and Tripura. The Mission also visited sites of completed and ongoing subprojects and discussed with the design, construction supervision and management consultants (DSMC) and institutional development consultants (IDC). Pre-wrap-up meetings were held at each state chaired by Project Directors of SIPMIUs and with Director, MOUD on 26 June 2012. A wrap-up meeting was also held with Director of the Department of Economic Affairs (DEA), **Ministry of Finance was not held due to schedule constraints.** This Aide Memoire summarizes the Mission's findings and agreements reached with the executing agencies, and is subject to approval by higher authorities of the Government and ADB. A list of key persons met by the Mission is in Attachment 1.

II. BACKGROUND

2. The MFF of \$200 million was approved by ADB on 1 June 2009. The FFA was signed by the Government of India and ADB on 4 August 2009. The MFF has been designed to improve urban environment and well being of residents in the five capital cities the North Eastern Region (NER), namely, Agartala (Tripura), Aizawl (Mizoram), Kohima (Nagaland), Sikkim (Gangtok) and Shillong (Meghalaya). The first loan of \$30 million as Tranche-1 was approved on 1 July 2009, signed by the Government on 4 August 2009 and became effective on 19 November 2009. The second loan of \$72 million as Tranche-2 (Loan 2834) was approved by ADB on 16 Dec 2011, the loan agreement of which has not been signed.

3. Tranche-1 includes the following components:

Part A: Improved Urban Infrastructure and Services

- (a) Water supply: replacement of water source and treatment works and equipment purchase in Agartala; rehabilitation and improvement of water storage facilities in Aizawl and Kohima; and full rehabilitation and expansion of the water storage and distribution system in Gangtok.

¹ The Mission comprised Shigehiko Muramoto, PAU Head, SAUW/Mission Leader and Carmelina Tabernilla, Associate Project Analyst, SAUW.

- (b) Solid waste management: construction of a new disposal site and compost facilities in Kohima and construction of a small emergency landfill site in Shillong.

Part B: Capacity Building and Investment Program Management

- (a) Consulting services for program management and design and supervision in Agartala, Aizawl, Gangtok, Kohima and Shillong.
- (b) Consulting services for institutional development in Agartala and Shillong.
- (c) Community awareness and participation programs in all 5 cities.

III. MISSION FINDINGS

4. **Overall Implementation Status.** Overall progress of Loan 2528 was estimated at 30% while elapsed project time was 43% as of 31 May 2012. Of \$30 million loan funds, the cumulative contract awards disbursement are \$22.9 million and \$7.9 million, respectively, as of 12 June 2012. Nine out of 11 procurement contract packages for goods and works have been awarded and all 8 consulting packages were awarded under Tranche-1 to date.

5. **Design and Monitoring Framework (DMF).** A DMF for Tranche-1 was prepared as Attachment 2 while only that for whole MFF was prepared during the loan preparation process. The Mission confirmed that all project outputs will be achieved and the project outcomes are likely to be achieved after the project outputs are delivered and operated.

6. **Status of Compliance with FFA Undertakings and Loan Covenants.** The Mission reviewed the status of compliance with FFA undertakings and the loan covenants of Loan 2528 in detail and found that they have been substantially complied with. The detailed assessment matrix is in Attachment 3.

7. **Status of Implementation of the Urban Institutional, Financial, Regulatory, and Operational Reform Program.** The Mission also reviewed the status of implementation of the reform program as shown in Attachment 4. The Mission found that most actions are implemented or being implemented in Agartala and Shillong where the Institutional Development Consultants (IDC) were engaged under Loan 2528. For Aizawl, Kohima, and Gangtok where IDCs were engaged under Tranche-2, the implementation of the reform program are expected as IDCs make progress.

8. **Updated Project Cost.** The Mission updated the project cost in consultation with the SIPMIUs and the summary status of loan usage is shown in Table 1 and details are in Attachment 5. Of the loan fund of \$30 million, \$22.8 million has been committed while only Agartala's tube well drilling works have not been awarded, leaving over \$7 million as loan savings. MOUD had already informed ADB through DEA in its letter of 28 May 2012 that the savings will be cancelled after accommodating Nagaland's over commitment. The cancelled amount can be reimbursed in the future tranche of the MFF.

Table 1: Summary Status of Loan Usage

Cat No	Category	Allocation	Contracts	Uncommitted Balance	Disbursement	Undisb. Balance
1	Civil works	7,685,000	7,786,353	(101,353)	948,848	6,837,505
2	Equipment	2,792,200	1,052,156	1,740,045	817,691	234,464
3	Consulting Services	14,043,400	12,313,898	1,729,502	4,788,510	7,525,388
4	PI&A	2,919,700	1,718,479	1,201,221	1,382,514	335,965
5	Unallocated	2,559,700	-	2,559,700	-	-
		30,000,000	22,870,885	7,129,115	7,937,564	14,933,321

11. Subproject Implementation Status and Issues.

- (i) **Agartala Water Supply.** Agartala SIPMIU has experienced repeated bid failures in procuring the tube well drilling works in three lots, which are the only physical work under Tranche-1, because of the lack of qualified bidders, high bids, and the recent procurement that was inconsistent with ADB's Procurement Guidelines. Of the three lots, while one lot of 6 wells was substantially completed, the other 2 lots will have to be bid out again. The SIPMIU expects to award the two lots by the end of 2012, followed by physical works to be completed by the end of 2013.
- (ii) **Agartala IDC.** Agartala SIPMIU has made good progress in the institutional development as details are shown in Attachment 4. For the Agartala Municipality Corporation (AgMC), of 18 functions to delegate, 14 have already been transferred from the state government while the water supply operations that the Department of Water Supply is currently in charge are scheduled to be transferred to AgMC in February 2013. Double-entry accounting has been installed in the municipal accounting system together with computer system and property tax revenue has been enhanced. The contract for IDC will be extended for 6 months until September 2012 to further assist the reform. The Mission requested and agreed with Agartala SIPMIU that it would submit a contract variation for the extension.
- (iii) **Aizawl.** Aizawl SIPMIU has substantially completed the water supply works planned for Tranche-1, including the construction of ___ zonal water reservoirs and the installation of 2 chlorinators and 20,000 domestic water meters. It has suffered from the shortage of project management staff since late last year to date due to the change in the government's staff assignments and personal reasons while the DSMC (Gherzi Eastern) continued to deploy less-than-scheduled experts. Aizawl SIPMIU has hired more staff from the market and is recruiting more staff from other government agencies and expects to be fully staffed by the end of July 2012. It is expected to regain the momentum of project implementation shortly.
- (iv) **Gangtok.** Gangtok SIPMIU's staffing has been improved by deputed staff from the Public Health Department. While Project Director has been assigned for other task required for his department, the Mission requested Secretary of the Urban Development to make necessary arrangements for the current Project Director to be able to work exclusively for the Project as the project activities will be further expanded with activities for Tranche-2. In response, Secretary suggested further deputation from other state government agencies and recruitment from the market. In the field, the water supply works have been ongoing since late last year. Construction of a pump house and a ground level service reservoir distribution pipe laying are ongoing, which is expected to be completed by mid 2013.
- (v) **Kohima.** Kohima SIPMIU has overcome the difficulties in procurement such as poor participation of contractors in its bidding and high bids and one contractor for the water supply works and another contractor for the SWM works were mobilized late 2011. In its water supply works, the SIPMIU suffers from slow progress because the Public Health and Engineering Department (PHED), who is the owner and operator of the existing water supply facilities, does not cooperate with the ongoing works. The contractor has often been stayed idle unnecessarily waiting for PHED's permission for works that are related to the existing water supply facilities. Unless the SIPMIU establishes good working relationship with PHED, the works

will continue to be slow. For the SWM, the contractor's mobilization of resources was initially slow but the works have got momentum in the second quarter of 2012.

- (vi) **Shillong.** Shillong SIPMIU has also overcome the difficulties of procurement and securing environmental clearances and tree cutting permission, spending almost 2 years, and currently has no major issues. The civil works to expand the sanitary landfill are in full swing.
- (vii) **Shillong IDC.** Shillong's institutional development faced strong resistance from the traditional society but five municipal functions of 18 functions were transferred to the Shillong Municipal Corporation. Shillong's IDC was extended by 6 months until September 2012 to continue assisting the reform process.

12. **Disbursement and Physically Closed Contracts.** The Mission requested and agreed with the MOUD and the state executing agencies that (i) MOUD will submit withdrawal applications to ADB through CAAA monthly, so long as reasonable amount of loan fund is used, and (ii) the state executing agencies to report to ADB of physical completion of contacts to close the PCSS and release the savings.

13. **Loan 2834. Procurement Progress.** Three IDCs were recruited and mobilized in Aizawl, Gangtok and Kohima using the advance contracting. The Mission reviewed the progress in procurement of works and goods and summarized the status as in Table 3 below and details are shown in Attachment 7. Agartala and Aizawl has already awarded some works and goods contracts while Shillong has completed bid evaluation of two contracts are waiting for contract signing. The majority of remaining contracts are under bidding.

Table 3: Number of Works and Goods Contracts under Procurement Process

No	City	Bid Docs Not Yet Issued	Under Bidding	Under Bid Evaluation	Contract Awarded	Total
1	Agartala	0	1	4	1	6
2	Aizawl	1	0	6	3	10
3	Gangtok	2	2	3	0	7
4	Kohima	1	0	1	0	2
5	Shillong	0	0	3	0	3
	Total	4	3	17	4	28

14. **Updated Projections of Contract Award and Disbursement.** Based on the review of status of procurement, contract awards and disbursement were updated as detailed in Attachment 8. Since the loan agreement would likely be signed sometime in November 2011, the loan is likely to become effective late this year or early next year. Contract awards will be substantially completed by the end of 2012. Contract awards of \$51 million and disbursement of \$4 million would likely be recorded by 31 March 2013. The mission reminded MOUD and SEAs that the loan agreement has to be signed before 15 December 2012 one year after ADB approved the loan.

15. **Subproject Implementation Status and Issues.**

- (i) **Agartala.** Agartala SIPMIU is vigorously working on procurement of packages and has signed a contract during the Mission. It has continued to suffer from high bids in some packages. The Mission advised that the engineer's estimate can be updated during bid evaluation, if justified for example by the use of Schedule of Rates of the Department of Water Supply of the state government.

- (ii) **Aizawl.** Aizawl SIPMIU originally planned to procure materials and install them by force account for the power line extension works to the pump station. Aizawl SIPMIU now proposed to combine the material procurement and the force account works in one works package and the Power Department to bid out as an employer. The Mission agreed in principle and advised that the Power Department has to be appointed as an implementation agency and follow ADB's Procurement Guidelines. Aizawl SIPMIU agrees to submit a request for change in implementation arrangements to ADB and is working on preparing a memorandum of understanding while the Power Department is preparing bid documents for ADB's review.
- (iii) **Gangtok.** Gangtok SIPMIU has been working on procurement much smoother than that for Tranche 1. With strengthened staffing, implementation can be further expedited.
- (iv) **Kohima.** Kohima SIPMIU's challenge continues under the institutional development, particularly for those activities related to water supply operations because PHED has not been cooperating with the IDC as well. Other than the water supply, as Kohima Municipal Corporation's Chief Executive Officer is supportive to the institutional development, the reform processes appear to be ongoing well.
- (v) **Shillong.** Shillong SIPMIU worked well for the 3 small procurement packages and two are waiting for signing.

16. The Mission was pleased to see physical works are ongoing in all project cities and some subprojects started to deliver project benefits to people under Loan 2528. All SIPMIUs have been working on procurement under Loan 2834 much more efficient and effectively than under the previous tranche based on the lessons learned. Most contracts are likely to be awarded within one year from ADB's loan approval in December 2011. The Mission also noted that in the cities where SIPMIUs are coordinating well with PHED (DWS in Tripura), both water supply works and institutional development are ongoing well. The Mission therefore highly recommend to establish good relationship with PHED and continue coordination with it for smooth project implementation and sustainable O&M after completion.

IV. ACKNOWLEDGEMENT

17. The Mission would like to express its deep gratitude to the officials of the MOUD and the Governments of Tripura, Mizoram, Nagaland, Sikkim and Meghalaya for their support and hospitality extended to the Mission.

Shigehiko Muramoto
PAU Head, SAUW/Mission Leader

Manila, Philippines
5 July 2012

Attachments

1. Key Persons Met by the Mission
2. Design and Monitoring Framework for Loan 2528
3. Status of Compliance with FFA Undertakings and Loan Covenants
4. Status of Implementation of the Urban Institutional, Financial, Regulatory, and Operational Reform Program
5. Status of Loan Fund Usage
6. Projections of Contract Awards and Disbursement under Loan 2528
7. Status of Procurement under Loan 2834
8. Projections of Contract Awards and Disbursement under Loan 2834

Key Persons Met by the Mission

Ministry of Urban Development (MOUD)

Ashutosh Joshi, Director, MOUD

Yogesh Goel, MOUD

Pritam Kapur, Team Leader, PPMC (JPS Associates (P) Ltd.)

Aizawl, Mizoram

R.L. Rinawma, Principal Secretary, Department of Urban Development and Poverty Alleviation, Government of Mizoram

Mrs. L. Toichong, Additional Chief Secretary, Department of Urban Development and Poverty Alleviation, Government of Mizoram

Mr. Valb uanga, Project Director, SIPMIU

K.C. Lalawmpuia, Procurement Engineer, SIPMIU

Lalrinliani, Sr. Account Officer, SIPMIU

Vanlalchhuanawma, Assistant Engineer, SIPMIU

C. Hmingthanhawla, Assistant Engineer, SIPMIU

Dunglena, Team Leader, DSMC (Gherzi Eastern Limited)

Bitansu Biswas, Assistant Chartered Accountant, IDC (PSP Financial Consultants Pvt. Ltd.)

Shillong, Meghalaya

Biswajit Dutta, Program Director, SIPMIU

K. Kharumnuid, Additional Project Director, SIPMIU

F.B. Chyne, SWM Specialist, SIPMIU

B.L. Nonglait, Accounts & Disbursement Officer, SIPMIU

Manzoor Haque, Team Leader, DSMC (Mott MacDonald)

Mazhari Hussian, Team Leader, IDC (PricewaterhouseCoopers Pvt Ltd., Gurgoan)

Chris Raj, Anderson Biotech

Kohima, Nagaland

Shurhozelie, Honorable Minister, Urban Development, Government of Nagaland

Shri Lalthara, Chief Secretary, Government of Nagaland

Alemtemshi Jamir, Additional Chief Secretary & Development Commissioner, Government of Nagaland

Ahola Thosf, Joint Secretary, Urban Development Department

K. Haralu, Program Director

Khupi Natso, Additional Program Director, SIPMIU

Nell Vasa, Deputy Program Director, SIPMIU

Kevineio Khatso, Assistant Engineer, SIPMIU

Lipokwati Ozukum Jr. Engineer, SIPMIU

Jayakumar Divakaran, Technical Director, DSMC (CDM Smith)

Abdul Majeed, Team Leader, DSMC

Vijay Kumar P.C., Deputy Team Leader, DSMC

Akshay Anand, Team Leader, IDC (PRUDA)

Sarat Reddy, Project Manager, Ramky Enviro Engineers Ltd.

Retish Mohanan, Site Engineer, Ramky Enviro Engineers Ltd.

Salil Jati, Project Manager, Abhiram Infra Projects. Pvt. Ltd.

Agartala, Tripura

Asutosh Jindal, Secretary, Urban Development Department, Agartala, Tripura

R.K. Majumder, Project Director, SIPMIU

M.L. Sarkar, Advisor, SIPMIU

Ashim Chakraborty, Project Manager, SIPMIU

Biswajit Paul, BME/MIS Officer, SIPMIU

S.S. Das, Accounts & Disbursement Officer, SIPMIU

C.L. Saha, Administrative Manager, SIPMIU

Satya Braza Kasmuhu, Assistant Supervising Engineer, SIPMIU

Amalendu Bikash Paul, Team Leader, IDC (PSP Financial Consultants Pvt. Ltd.)

T.K. Mukhopadhyay, Team Leader, DSMC (STUP Consultants)

Librata Gupta, Deputy Team Leader, DSMC

Gangtok, Sikkim

Shri Dil Bahadur Thapa, Minister, Urban Development & Housing, Food Civil Supplies & Consumer Affairs Department

T. Dorji, Commissioner/Secretary, Urban Development and Housing Department

Jigme D. Bhutia, Project Director, SIPMIU

O.P. Sharma, Deputy Project Director, SIPMIU

Dilip Sharma, Project Manager, SIPMIU

Kagendra Sharma, Superintendent Engineer, SIPMIU

C. Dorj Bhutani, Junior Engineer, SIPMIU

Ranajit Banerjee, Team Leader, DSMC (CDM Smith)

P. K. Chakroborj, Team Leader, IDC (PSP Financial Consultants Pvt. Ltd.)

A.K. Som, Proprietor, A.K. Engineers

C. Chakrabarty, Manager, A.K. Engineers

DESIGN AND MONITORING FRAMEWORK FOR TRANCHE 1

Design Summary	Performance Targets/Indicators	Data Sources/Reporting Mechanisms	Assumptions and Risks
Impact Sustainable urban services in 5 program cities (from MFF DMF's Project Outcomes)	By 2019 <ul style="list-style-type: none"> • 1.2 million population in the 4 program cities provided with treated water • 300,000 population in the central zone of the 4 program cities provided with access to sewerage treatment • 900,000 population in the 4 program cities provided with solid waste collection 	For all indicators: <ul style="list-style-type: none"> • State and ULBs statistics and reports • 2021 census 	Assumptions <ul style="list-style-type: none"> • Local governance improves Risks <ul style="list-style-type: none"> • Beneficiaries may be unwilling to pay for services
Outcome Improved access to selected urban services in 5 program cities	By 2016 <ul style="list-style-type: none"> • 373,000 population in Agartala, Aizawl, Gangtok, and Kohima provided with improved water supply • 430,000 population in Kohima and Shillong provide with improved solid waste management • 719,000 population in Agartala and Shillong provide with strengthened institutional capacity of ULB 	<ul style="list-style-type: none"> • Reports of water supply operators • Reports of solid waste management offices • Survey 	Assumptions <ul style="list-style-type: none"> • Reform agenda accepted by state government and public Risk <ul style="list-style-type: none"> • ULBs may not be able to attract an adequate number of staff working as service providers
Outputs (i) Constructed and rehabilitated water supply infrastructure	By 2016 <ul style="list-style-type: none"> • Agartala <ul style="list-style-type: none"> (i) Tube wells (22 nos) replaced • Aizawl <ul style="list-style-type: none"> (i) Reservoirs (7 nos) replaced (ii) Chlorinators (2 nos) installed (iii) Household meters (15,000 nos) installed • Gangtok <ul style="list-style-type: none"> (i) (ii) Secondary pipelines (45 km) constructed (iii) Reservoir (1 no.) constructed (iv) Pumping station with 3 pumps (v) Pumping main of 1.2 km (vi) Bulk meter (4 nos.) • Kohima <ul style="list-style-type: none"> (i) Existing WTP (7.5 MLD) refurbished (ii) Reservoirs (18 nos) replaced (iii) Chlorinators (2 nos) installed 	<ul style="list-style-type: none"> • SIPMIU/IPCC reports • SIPMIU/IPCC reports • SIPMIU/IPCC reports • SIPMIU/IPCC reports 	Risk <ul style="list-style-type: none"> • Adequate number of contractors doesn't show interest in procurement under the project amid the country's infrastructure development boom.
(ii) Constructed and installed SWM infrastructure	By 2016 <ul style="list-style-type: none"> • Kohima <ul style="list-style-type: none"> (i) Compost plant (50 tpd) developed (ii) Sanitary landfill site developed (iii) Garage and approach road constructed 	<ul style="list-style-type: none"> • SIPMIU/IPCC reports 	

Design Summary	Performance Targets/Indicators	Data Sources/Reporting Mechanisms	Assumptions and Risks
	<ul style="list-style-type: none"> • Shillong: <ul style="list-style-type: none"> (i) Short-term sanitary landfill site (6 acres) developed (25,000 m³) 	<ul style="list-style-type: none"> • SIPMIU/IPCC reports 	
(i) Strengthened local government for better financial management and sustainable service delivery	<p>By 2016, Agartala and Shillong</p> <ul style="list-style-type: none"> (i) Double entry accounting systems installed and financial systems computerized (ii) Property tax yield in AMC & SMB strengthened (iii) GIS installed/updated and operational (iv) Planning process/legislation amended to strengthen development controls and sanitation regulations (v) Municipal staff trained in operation and maintenance of services, financial management, regulation enforcement 	<ul style="list-style-type: none"> • Annual financial reporting • Annual financial reporting • Developed GIS system • Government circulars • Training report 	

Activities with Milestones	Inputs
<p>1. Subproject implementation</p> <p>1.1 Baseline surveys (with gender-disaggregated) undertaken</p> <p>1.2 Initiate awareness campaign and community consultations in all five cities</p> <p>2. Construct and rehabilitate water supply infrastructure</p> <p>2.1 Detailed designs approved for all program cities by Q4 2010</p> <p>2.2 All lands for subproject construction and access and secured by Q3 2012</p> <p>2.3 Completed tender in Q1 2011 and award of contracts in Q4 2011</p> <p>2.4 Procurement of 2 lots for deep tube wells in Agartala completed by Q3 2012</p> <p>2.5 Construction works and equipment installation completed for all program cities by Q1 2014</p> <p>3. Construct and install SWM infrastructure</p> <p>3.1 Detailed designs approved for Gangtok and Shillong by Q2 2010</p> <p>3.2 All lands for subproject construction and access and secured in</p> <p>3.3 All required environmental clearances and no-objection certificates obtained in Q4 2011</p> <p>3.4 Completed tender in Q3 2010 and award of contracts in Q4 2011</p> <p>3.5 Construction works and equipment installation completed by Q1 2014</p> <p>4. Strengthen local government for better financial management and sustainable service delivery</p> <p>4.1 Drafting of regulations and institutional development plans by Q3 2013</p> <p>4.2 Training programs delivered by Q2 2014</p> <p>4.3 Field implementation completed by Q1 2014</p> <p>5. Efficient Project Management Unit (PMU) operational</p> <p>5.1 Consultants engaged for institutional development for Agartala and Shillong in Q1 2010</p> <p>5.2 Design, construction supervision, and management consultants engaged in all five states in Q4 2009</p> <p>5.3 Procurement for water supply subprojects completed in Q4 2011</p> <p>5.4 Procurement of 2 lots for deep tube wells in Agartala completed by Q3 2012</p> <p>5.5 Procurement for SWM subprojects completed by Gangtok in Q3 2011 and by Shillong in Q4 2011</p>	<p>ADB 30.0</p> <p>Government of India 12.8</p> <p>Grand Total 42.8</p>

GoI = Government of India, IPCC = investment program coordination cell, km = kilometer, MIS = management information system, MLD = million liters per day, MTD = metric tons per day, O&M = operation and maintenance, PMU = project management unit, SIPMIU = state investment program management and implementation unit, SWM = solid waste management, ULB = urban local body.

Status of Compliance with the FFA and Loan Agreement

No	Reference		Aspect	MOUD	Agartala	Aizawl	Gangtok	Kohima	Shillong
	FFA	LA Sch 5, para							
Project Management									
1		1-2.	National Steering Committee	Being complied	Not applicable (N/A)	N/A	N/A	N/A	N/A
2		3-4.	Investment Program Coordination Cell (IPCC)	Complied	N/A	N/A	N/A	N/A	N/A
3		5, 8.	State executing agencies (SEA)	N/A	Complied	Complied	Complied	Complied	Complied
4		6.	State steering committee	N/A	Complied	Complied	Complied	Complied	Complied
5		7.	Invest Program Empowered Committee (IPEC)	N/A	Complied	Complied	Complied	Complied	Complied
6		9.	State Investment Program Management and Implementation Unit (SIPMIU)	N/A	Complied. Ongoing	Complied. Ongoing	Complied. Ongoing	Complied. Ongoing	Complied. Ongoing
7	iii		Project management staffing	Complied	Complied	Complied. More staff under recruitment.	Complied. More staff needed.	Complied	Complied
8		27.	PPMS	Complied	Coordination with MOUD is ongoing.	Completed. Coordination with MOUD ongoing.	Baseline survey is completed. The indicators will be finalized by July 2012 and to be kept updated on monthly basis.	To be completed by July 2012 and regularly thereafter for MOUD's consolidation	Underway. To be completed by July 2012 (paper-based), MIS-based will be coordinated with MOUD.
9		28.	Project review	N/A	Ongoing	Ongoing	Ongoing	Ongoing	Ongoing
10	v		Approved plan for investment	N/A	Plan was prepared and submitted for JNNURM financing	Under preparation. Consultant for Septage TA will prepare.	Approved plan already exists. Water supply investment plan is being implemented.	Water supply investment plan for the city will be prepared	Being complied
11	xi	15	Public information for water supply and sanitation	N/A	To be included in the project website by August 2012.	SIPMIU to discuss with PHED to disseminate information on its website.	Quality service benchmarks are in the website.	Water quality data information are in the website	Not yet relevant
12		22.	Project website	N/A	Complied (http://www.tripura.nic.in)	Complied (http://www.aizawl.sipmiu.org)	Complied	Complied (http://www.sipmiunagaland.com)	Complied (http://sipmiu.nic.in/)
13		12.	Project scope change	N/A	Some components will change but basic scope will not change.	Not yet relevant	Will send proposal to MOUD.	Not yet relevant	Not yet relevant
14		26.	Quality control	N/A	SIPMIU has an	Ongoing. Will engage a third	Internal monitoring in	Ongoing. Will engage a	A cell within SIPMIU

No	Reference		Aspect	MOUD	Agartala	Aizawl	Gangtok	Kohima	Shillong
	FFA	LA Sch 5, para							
					engineering cell which also acts as the quality control cell. Will engage third party for Tranche 2 civil works.	party inspector within 3 months.	place within SIPMU. Laboratory installed in the site. Third party will be appointed by August 2012.	third party inspector within 3 months.	was established. . Third party to monitor engaged as well.
Reform									
15	ii	11	Urban reform program (refer details in separate matrix below)	N/A	Refer Table 2 below	Refer Table 2 below	Refer Table 2 below	Refer Table 2 below	Refer Table 2 below
16	iv	10	Financing O&M	N/A	Committed	Committed	Committed	Committed	Committed
Safeguards									
17	vii	13, 14	Environment	N/A	Complied. All government land and right-of-way required for the Investment Program are made available to the project in a timely manner	Complied. All government land and right-of-way required for the Investment Program were made available.	Complied. All government land and right-of-way required for the Investment Program are made available to the project in a timely manner	Partially complied. Access and right of way to the water tanks will be secured.	Complied. All government land and right-of-way required for the Investment Program are made available to the project in a timely manner
18	vi	16	Land acquisition resettlement	N/A	Complied	N/A	Complied	Complied	Complied
19	viii	17	Indigenous people	N/A	N/A	Complied	Complied	Complied	Complied
20	ix	20-21	Labor law, health, safety under civil works	N/A	Complied. Incorporated in the bidding documents.	Complied	Complied	Complied	Being complied for as long as works are ongoing.
21	x	19	Female councilor	N/A	Complied (18 out of 35), elected in Dec 2010 for a five-year term.	Complied	Complied (6 out of 15).	Municipal election not yet held	Municipal election not yet held (9 seats out of 27 reserved)
22	xii	18	Gender action plan	N/A	Prepared by DSMC already.	Complied	Complied	Complied	Complied
23		23	Grievance redress	N/A	Notification issued. Available in the website, too.	Complied	SIPMIU office is open to address, also will be appointing NGO who will be reporting to GMC. Public announcement by end July 2012.	Taken up with the Government of Nagaland, to be headed by Deputy Commissioner. Notification on the procedures will be announced to the public.	Done and notified.
Accounting and Auditing									
24		24.	Financial audit	Complie d	Complied for last fiscal year and will be complied thereafter.	Complied for last fiscal year and will be complied thereafter Yearly deadline to	Complied for last fiscal year and will be complied	Complied for last fiscal year and will be complied thereafter. Yearly deadline	Complied for last fiscal year and will be complied

No	Reference		Aspect	MOUD	Agartala	Aizawl	Gangtok	Kohima	Shillong
	FFA	LA Sch 5, para							
					Yearly deadline to MOUD and ADB will be complied on time.	MOUD and ADB will be complied on time.	thereafter. Yearly deadline to MOUD and ADB will be complied on time..	to MOUD and ADB will be complied on time.	thereafter. Yearly deadline to MOUD and ADB will be complied on time.

Status of Implementation of Urban Institutional, Financial, Regulatory and Operational Reform Program
(as of June 2012)

	<u>Reform Program</u>	<u>Compliance Status</u>				
		Agartala	Kohima	Aizawl	Shillong	Gangtok
A	Institutional					
	Implement 74th Constitutional Amendment (CA) –Decentralization					
1	All. Within 6 months of loan effectiveness, submit a plan approved by SEC containing (i) a situational assessment of capacities of various functional arms of ULB, (ii) a time-bound capacity development and resource program and (iii) a time-bound action plan for devolving further functions for ULBs.	Complied, as part of the IDC inception report.	. Strengths and weakness of KMC being analyzed. In-depth analysis of budget and staffing is in process. To be complied by December 2012.	Complied. Aizawl City Development Plan was approved by SEC and GOI.	A time-bound capacity development, resource program and action plan for devolving further functions for ULBs completed.	Readiness checklist prepared. Plan to be submitted for approval of SEC by July 2012.
2	Agartala. Within 6 months of 1 st tranche approval, submit to MOUD and ADB an administrative, organizational, operational development strategy and plan approved by SEC and AgMC including (a) finalization/clarification of the jurisdictions, mandate, and power of zones/wards and their logistical requirements, (b) organizational structure of AgMC, its political and administrative wings, departments, sections, and their job descriptions, (c) asset management and operation systems development, and (d) personnel management and staff augmentation/development.	Submitted to SIPMIU and approved by the AMC. SIPMIU submitted for SEC approval.	Not applicable	Not applicable	Not applicable	Not applicable
3	Kohima. Within 6 months of 1 st tranche approval, submit to MOUD and ADB an action plan approved by SEC to gradually transfer to KMC responsibility and resources for urban functions and to build necessary capacities, including developing administrative, organizational, operational, and financial systems, and staffing.	Not applicable	Not complied.	Not applicable	Not applicable	Not applicable
4	Aizawl. Within 6 months of 1 st tranche approval, establish an administrative arm AiMC, including an acting CEO, accounting and engineering units. Transfer/reallocate staff as necessary.	Not applicable	Not applicable	Complied. AiMC established.	Not applicable	Not applicable
5	Shillong. Within one year of 1 st tranche approval, conduct a public debate, involving all stakeholders, on the need for an urban governance set up for the Greater Shillong area. Submit a report to ADB and MOUD.	Not applicable	Not applicable	Not applicable	Stakeholder's consultation completed by June 2011. Final conclave/debate is proposed to be held in July 2012. Submitted model of urban governance structure to GoMe in October 2010 which was shared with the	Not applicable

	Reform Program	Compliance Status				
		Agartala	Kohima	Aizawl	Shillong	Gangtok
					stakeholders after approval of the SLRC. After receiving the feedback from the stakeholders a revised model of urban governance was also submitted in November 2011. The same is under consideration by GoMe.	
6	Gangtok. Within 6 months of 1 st tranche approval establish an administrative arm of GMC, including an acting CEO, accounting and engineering units. Transfer/reallocate staff as necessary.	Not applicable	Not applicable	Not applicable	Not applicable	Complied and implemented. GMC is established with CEO, Deputy CEO, accounting and engineering wing.
7	All. Within 3 years of 1 st tranche approval and prior to Tranche 3 approval (expected end 2013), all States must have (i) substantially devolved functions to their respective capital cities (for no less than those sectors supported under the Investment Program but also expected in other areas), (ii) adequately staffed engineering, administrative and financial sections of the ULBs, and allocated sufficient budget to initiate activities in newly established ULBs and (iii) transferred assets associated with these functions.	Not yet due. Mostly devolved, except water supply operations and fire services. An action plan has been developed that aims at devolving the water supply functions and facilities after project completion.	To be taken care of by IDC but IDC was mobilized only in Tranche 2.	Not yet due but ongoing. Aizawl Water Supply and Sanitation Board is considered for establishing to take over water supply and sanitation. SWM was devolved to AiMC.	Devolution Plan for functions has been submitted in August 2010. Restructuring Plan for SMB covering existing functions submitted in April 2012 and is under examination by the government	Not yet due. Ongoing. Action plan by Jul 2012. Functions of SWM, trade license, markets, car parking, urban poverty alleviation and civil works up to Rupees Five Million have been transferred to GMC.
B	Service Delivery					
	Reforms for Efficient and Financially Sustainable Service Providers					
8	All. Within 1 year of 1 st tranche approval, restructure PHED/ULB (as per agreed model) and create one single city ring fenced area headed by a senior officer with control over city water and sewerage operations as well as separate accounting and balance sheet.	Partially complied, and ongoing as stated above.	Partially complied and ongoing with IDC's help.	Partially complied, and ongoing with the help of IDC.	In April 2012, a detailed report on the institutional structure for water utility and outline of the legal framework was submitted to GOME. The same has been presented to SLRC on 11 June 2012. The structure is under examination by the government.	Partially complied. Ring fencing has been done and separate financial statements prepared. IDC has just been mobilized. Action plan approved by SEC by Jul 2012.
9	Agartala and Shillong. Issue order to use double-entry accounting, asset inventory, and asset management in the	AMC issued notification for double-entry	Not applicable	Not applicable	Complied for Shillong Municipal Board.	Not applicable

	Reform Program	Compliance Status				
		Agartala	Kohima	Aizawl	Shillong	Gangtok
	ring fenced area within 2 years of first-tranche approval and implement within 1 year of approval of water supply subprojects.	accounting system in 2010.			Accounting manual prepared. Approved by AG's office and notified by the State Government. Necessary amendment in the accounting section of MM act 1973 enacted in the month of March 2012.	
10	Kohima, Aizawl and Gangtok. Issue order to use double-entry accounting, asset inventory, and asset management in the ring fenced area within 3 years of first-tranche approval and implement within 1 year of approval of water supply subprojects.	Not applicable	Ongoing. IDC has just been mobilized.	Not yet due. Ongoing with the help of IDC.	Not applicable	Accounting manual prepared and approved by the state government. ADB accounting software has been customized by IDC. Double entry accounting is already undergoing in GMC. Asset inventory to be done. Target date is Dec 2012.
11	All. Develop performance improvement plans within 1 year of approval for WSS subprojects and start implementing them.	Performance improvement plan to be finalized by Aug 2012.	To be complied by March 2013.	Under preparation. Reducing pumping cost is key.	Not applicable as no WSS subproject was approved.	Complied by PHED. IDC will submit plan by Dec 2012.
12	All. Within 2 years of second-tranche approval, start evaluating various options for a financially self-sustainable, efficient, and commercially operated water and sewerage agency, and start consulting with stakeholders including ADB on the options available.	Not yet due but in progress as part of the developed action plan.	Not yet due, will be complied.	Not yet due, but ongoing. Relevant bills are under consideration.	A proposal for utility model was submitted in Nov 2011. A detailed report on the institutional structure for water utility and outline of the legal framework was presented to SLRC on 11 Jun 2012. The structure is under examination by the government	Not yet due but ongoing. Establishing Gangtok WSS Board under preparation. Option of transfer of functions after tranche 2 completion being discussed. Action plan approved by SEC by Aug 2012.
13	All. Within 1 year of second-tranche approval, and on the basis of the results of the PSP study, conduct consultations and develop a plan and proposals for components with potential for PSP.	Not yet due but ongoing. Concept note and plan has been submitted. PSP on management & construction part for SWM will be considered.	Not yet due, ongoing.	Not yet due.	PSP options paper was submitted in December 2010. PSP option for SWM and municipal assets have been explored.	Not yet due. PPP policy documentation is under preparation. Proposals for components being considered are management of composting plant, part of WS in revenue

	Reform Program	Compliance Status				
		Agartala	Kohima	Aizawl	Shillong	Gangtok
						collection, amusement parks. SWM is in place already.
14	All. Within 4 years of tranche approval of WS subprojects, approve appropriate arrangements/laws for regulating the water service providers.	Not yet due, to be submitted to SSC by July 2012	Not yet due, but will start developing.	Not yet due.	Not yet due. Note on water regulatory authority has been submitted. Water regulatory authority has been proposed in the draft outline act for water and sewerage board in April 2012	Not yet due.
	Improved Operational Efficiency					
15	All. Before loan effectiveness, issue a government order to implement an NRW reduction program, as well as a bulk and consumer metering program, and commence implementation within 6 months of first-tranche approval.	NRW plan has been done. Government Order was issued.	Partially complied. Government order already issued. Development of NRW reduction program c/o IDC.	Partially complied. NRW reduction program prepared and being implemented.	Not applicable. Shillong has no WS subproject under ADB project but under JNNURM; Government order to implement UFW reduction program has been issued. Bulk and consumer metering program under implementation by PHED	Government issued notification already. Data on NRW program based on surveys to be achieved by Dec 2012.
	Regulatory Compliance					
16	All. In states whose capital cities receive funds from the MFF for subprojects in the sewerage and sanitation sector, the states will approve, within 6 months of tranche approval (generally the third tranche), regulations to (i) enforce connection to the sewerage system by those households with access to a sewerage pipeline, within 1 year of network completion; (ii) require all households not to discharge their sanitary waste without treatment and to maintain their septic tanks at specified levels of efficiency; (iii) require new buildings to obtain a sanitary waste discharge permit; and (iv) require generators of large quantities of wastes such as industries not to discharge their wastes without treatment and to maintain their discharges at specified levels of efficiency.	Not yet due. No sewerage subproject proposed to date.	Not yet due. No sewerage subproject proposed to date.	Not yet due. A sewerage subproject is proposed for Tranche 2.	Not yet due. Submission of regulatory framework was prepared in Nov 2010. Outline of the Meghalaya water supply and sewerage Act covering regulatory framework has been submitted in Apr 2012.	Not yet due. Regulations for compulsory connection to sewerage lines by households being prepared by PHED. Network of sewerage lines are either completed or under completion. Zone 1,80% complete under JNNURM, Zone 2: submitted proposal to MOE; Zone 3-under T3; Zone 4 under National River Program is under implementation.
17	All. In states whose cities receive funds from the MFF for	Not yet due. No SWM	IDC will work on.	Not yet due. SWM	Not yet due. The	Not yet due. The

	Reform Program	Compliance Status				
		Agartala	Kohima	Aizawl	Shillong	Gangtok
	subprojects in the solid waste management sector, the states will approve, at the latest by the start of civil works, regulations regarding (i) the discharge of solid wastes; (ii) the separation of wastes and disposal of hazardous wastes; (iii) the installation of improved procedures for vehicle routing, asset control, and staff management; (iv) the establishment of operation and maintenance procedures for vehicles and other equipment; and (v) the monitoring of waste collection and treatment, revenues and costs, staff costs, and other inputs.	subproject proposed to date.	SWM expert will be consulted.	subproject will be proposed under Tranche 3.	SWM project is planned for GSPA area. Any rules framed under MM act will only be applicable to SMB area. Legislations for applicability in GSPA area have to be framed.	regulations shall be completed before award of civil works. The draft regulations will be submitted to the Government by Jul 2012.
C	Financial					
	Municipal Financial Management					
18	Agartala and Shillong. Within 2 years of first-tranche approval, the cities will have completed migration to an accrual-based, double-entry accounting system.	Partially complied and in progress, to be completed in July 2012.	Not applicable.	Not applicable.	In progress.. Meghalaya Municipal Accounting manual has been prepared and notified. Amendment to Meghalaya Municipal Act with regards to accounting has been notified. Continuous training to the accounting staff of SMB and support to NIC in developing accounting software are ongoing.	Not applicable.
19	Aizawl, Gangtok, and Kohima. Within 2 years of second-tranche approval, the cities will have completed migration to an accrual-based, double-entry accounting system.	Not applicable.	Ongoing. Knowledge imparting training for double entry done. Chart of Accounts based on NMAM ready and inputted in the accounting software. Identification of assets and liabilities required for Opening Balance Sheet ready (Opening forms) Opening Balance Sheet based on Accrual Based Double Entry System ready for re-verification and fine-	Not yet due. Ongoing with the help of IDC.	Not applicable.	Double entry accounting system is already implemented. IDC suggested certain modifications in the Chart of Accounts of the accounting manual to make it suitable for GMC.

	<u>Reform Program</u>	<u>Compliance Status</u>				
		Agartala	Kohima	Aizawl	Shillong	Gangtok
			tuning from KMC			
	Property Tax Improvements					
20	<p>Agartala and Shillong. Within 18 months of first-tranche approval, Agartala will have implemented property tax reforms, including the preparation of GIS-based property mapping, and a unit area-based and self-assessment-based property tax system, while Shillong will have updated its system and retrained staff.</p> <p>Within 3 years of first-tranche approval, collection efficiency should be no less than 60%, and 85% 1 year later.</p>	<p>Submitted and approval is awaited. Expected to be completed by June 2012.</p> <p>Not yet due, but collection efficiency reached at 70%. Action plan prepared for improvement.</p>	Not applicable.	Not applicable.	<p>Partially complied and in progress. Property survey completed in 19 wards, ongoing for remaining wards. Rental survey completed to arrive at unit area values. Draft property tax (PT) rule finalized and submitted. Final verification of the GIS output for submission to SMB ongoing. Draft amendment to the MM act is prepared and will be submitted by Jun 2012. Background note for public consultation for PT under preparation.</p> <p>Collection efficiency for property tax is already around 80%.</p>	Not applicable.
21	<p>Aizawl, Gangtok, and Kohima. Within 18 months of second-tranche approval, the cities will have introduced property tax, following the unit area-based and self-assessment-based property tax system.</p> <p>Within 3 years of second-tranche approval, collection efficiency should be no less than 60%, and 85% 1 year later.</p>	Not applicable.	<p>Ongoing. Awareness and introduction to concept of property tax to KMC conducted. Model form of data collection developed. State notification and satellite image procurement are under process. Latitude and longitude of KMC jurisdiction marked.</p>	Not yet due.	Not applicable.	<p>IDC has given the roadmap for introduction of unit area measurement (UAM) based property tax. The Property Tax Core Committee is established and first meeting was held. Introduction of property tax by Mar 2013.</p>

	Reform Program	Compliance Status				
		Agartala	Kohima	Aizawl	Shillong	Gangtok
	Introduction and Rationalization of User Charges					
22	AII. Within 1 year of first-tranche approval, develop (with guidance from Supplementary Appendix M) and submit a financial action plan to ensure improved utility financial performance.	Complied. Action plan has been submitted. Should be implemented by Aug 2012.	Ongoing, IDC has just been mobilized. Base data collection exercise is under process (cost of production). PHED Urban Division data collection and user charges exercise is ongoing.	Not complied. Action plan being prepared with the help of IDC.	Complied. Policy paper and action plan has been submitted. Option paper for rationalization and implementation of user charge has been submitted to GoMe in April 2011. Overall financial action plan for SMB is under preparation. IDC has also supported MVC in arriving at user charge. MM act amendment has been suggested for introduction of user charges for municipal services.	Data collection to prepare the financial action plan is in progress. Target date is Sep 2012.
23	AII. In line with JNNURM's MOA, within 1 year of third-tranche approval, implement solid waste collection charges to generate sufficient revenues to meet 100% of the cost that is incurred in undertaking O&M of existing and project-created SWM assets and services	Not yet due. Rs 30/month/household is being collected. An action plan will be developed.	Not yet due.	Not yet due. Ongoing with the help of IDC. User charge not yet collected.	Not yet due. IDC has submitted an option paper on rationalization and introduction of user charge to GoMe where the user charge implementation for SWM service has been taken care off to recover 100% O&M. MM act amendment has been suggested for introduction of user charges for municipal services.	Not yet due. SWM user fee already implemented by GMC. IDC is calculating the O&M cost of the existing SWM function. Tarriff is based on the number of taps per house.
24	AII. In line with JNNURM's MOA, within 1 year of third-tranche approval, implement volumetric water charges with regular adjustments in tariffs to generate sufficient revenues to meet 100% of the cost that is incurred in undertaking O&M of existing and project-created water and	Not yet due. Will be implemented upon installation of meters.	Not yet due, ongoing with help of IDC.	Not yet due. Volumetric tariff established. 20,000 domestic meters installed.	Not yet due. Note on tariff structure submitted. Valuation committee has suggested delinking	Not yet due. IDC will study the present tariff structure and suggest rationalization and evaluate options for

	<u>Reform Program</u>	Compliance Status				
		Agartala	Kohima	Aizawl	Shillong	Gangtok
	sewerage assets.				service charge from holding tax. Amendment to Municipal Act has been finalized. Revised tariff plan proposed in the DPR prepared by PHED which is approved and under implementation funded by JNNURM.	100% cost recovery. Target date is Dec 2013.

Loan 2528-IND: Status of Loan Fund Usage

(ADB LFIS download as of 22 June 2012)

Cat. Ref.	Cat.	State	Allocation	Contracts	Disb. Total	Undisb. Balance	Uncommitted Balance
01A	Civil works	Tripura	609,400	126,243	-	126,243	483,158
02A	Equipment	Tripura	475,100	266,105	164,825	101,280	208,995
03A	Consulting	Tripura	3,405,400	2,866,696	1,148,173	1,718,523	538,704
04A	PI&A	Tripura	572,500	199,209	151,267	47,942	373,291
05A	Unallocated	Tripura	438,000	-	-	-	438,000
	TOTAL	Tripura	5,500,400	3,458,253	1,464,265	1,993,988	2,042,147
01B	Civil works	Mizoram	916,500	559,877	523,034	36,843	356,623
02B	Equipment	Mizoram	1,040,500	697,092	652,867	44,225	343,408
03B	Consulting	Mizoram	2,369,600	2,139,287	1,091,668	1,047,618	230,313
04B	PI&A	Mizoram	629,700	624,015	572,520	51,495	5,685
05B	Unallocated	Mizoram	393,200	-	-	-	393,200
	TOTAL	Mizoram	5,349,500	4,020,270	2,840,089	1,180,181	1,329,230
01C	Civil works	Sikkim	3,177,700	1,657,064	-	1,657,064	1,520,636
02C	Equipment	Sikkim	319,000	-	-	-	319,000
03C	Consulting	Sikkim	2,206,800	1,871,947	566,447	1,305,499	334,853
04C	PI&A	Sikkim	572,500	138,927	36,224	102,703	433,573
05C	Unallocated	Sikkim	689,400	-	-	-	689,400
	TOTAL	Sikkim	6,965,400	3,667,938	602,671	3,065,267	3,297,462
01D	Civil works	Nagaland	2,767,200	5,192,767	425,814	4,766,954	(2,425,567)
02D	Equipment	Nagaland	835,000	-	-	-	835,000
03D	Consulting	Nagaland	2,214,800	2,221,102	786,731	1,434,371	(6,302)
04D	PI&A	Nagaland	572,500	480,086	391,444	88,642	92,414
05D	Unallocated	Nagaland	680,800	-	-	-	680,800
	TOTAL	Nagaland	7,070,300	7,893,956	1,603,989	6,289,967	(823,656)
01E	Civil works	Meghalaya	214,200	250,402	-	250,402	(36,202)
02E	Equipment	Meghalaya	122,600	88,959	-	88,959	33,641
03E	Consulting	Meghalaya	3,373,000	2,868,398	1,058,008	1,810,389	504,602
04E	PI&A	Meghalaya	572,500	276,242	231,060	45,182	296,258
05E	Unallocated	Meghalaya	340,200	-	-	-	340,200
	TOTAL	Meghalaya	4,622,500	3,484,000	1,289,068	2,194,932	1,138,500
03F	Consulting	MOUD	473,800	346,469	137,482	208,987	127,331
05F	Unallocated	MOUD	18,100	-	-	-	18,100
	TOTAL	MOUD	491,900	346,469	137,482	208,987	145,431
TOTAL:			30,000,000	22,870,885	7,937,564	14,933,321	7,129,115

Loan 2528: Contract Awards and Disbursement Targets - Summary

City	Item	Actual 2009	Actual 2010	Actual 2011	Cum (Ac) end '11	Balance for Disb	2012 Q1(Act)	Balance for Disb	2012 Projection				2013 Projection				
									Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Agartala	Contract Awards	3.039	0.080	0.471	3.591	0.000	0.007	0.000	0.015	0.015	0.387	0.424	0.015	0.015	0.015	0.015	0.060
	Disbursement	0.000	0.539	0.596	1.135	2.456	0.268	2.195	0.117	0.294	0.185	0.863	0.065	0.158	0.158	0.158	0.539
Aizawl	Contract Awards	2.245	1.640	0.118	4.003	0.000	0.127	0.000	0.050	0.050	0.050	0.277	0.000	0.000	0.000	0.000	0.000
	Disbursement	0.000	0.912	1.617	2.529	1.474	0.266	1.286	0.207	0.169	0.150	0.792	0.080	0.080	0.080	0.080	0.320
Gangtok	Contract Awards	2.009	0.006	0.023	2.038	0.000	1.774	0.000	0.028	0.028	0.028	1.856	0.028	0.028	0.028	0.028	0.000
	Disbursement	0.000	0.181	0.265	0.445	1.593	0.121	3.246	0.282	0.274	0.358	1.033	0.408	0.408	0.380	0.308	1.504
Kohima	Contract Awards	2.368	0.211	5.867	8.445	0.000	0.038	0.000	0.038	0.038	0.038	0.152	0.000	0.000	0.000	0.000	0.000
	Disbursement	0.000	0.569	0.502	1.071	7.374	0.086	7.326	0.667	0.618	0.918	2.289	0.911	0.880	0.780	0.731	3.271
Shillong	Contract Awards	2.019	1.143	0.077	3.239	0.000	0.394	0.000	0.020	0.020	0.020	0.454	0.000	0.000	0.000	0.000	0.000
	Disbursement	0.000	0.513	0.450	0.963	2.276	0.175	2.101	0.260	0.390	0.300	1.125	0.130	0.130	0.124	0.080	0.464
MOUD	Contract Awards	0.000	0.370	0.000	0.370	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Disbursement	0.000	0.000	0.115	0.115	0.255	0.025	0.230	0.025	0.025	0.025	0.100	0.025	0.025	0.025	0.025	0.100
Total	Contract Awards	11.680	3.450	6.556	21.686	0.000	2.340	0.000	0.151	0.151	0.523	3.164	0.043	0.043	0.043	0.043	0.060
	Disbursement	0.000	2.713	3.545	6.258	15.428	0.940	16.384	1.558	1.769	1.935	6.202	1.619	1.681	1.547	1.382	6.198

City	Item	2014 Projection					2015 Projection					2016 Projection					Grand Total
		Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	
Agartala	Contract Awards	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.075
	Disbursement	0.143	0.050	0.050	0.050	0.293	0.050	0.050	0.050	0.050	0.200	0.050	0.050	0.000	0.000	0.100	3.130
Aizawl	Contract Awards	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.280
	Disbursement	0.060	0.060	0.060	0.060	0.240	0.050	0.050	0.050	0.050	0.200	0.050	0.050	0.000	0.000	0.100	4.180
Gangtok	Contract Awards	0.028	0.028	0.028	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.894
	Disbursement	0.108	0.108	0.108	0.108	0.432	0.080	0.080	0.080	0.080	0.320	0.080	0.080	0.000	0.000	0.160	3.894
Kohima	Contract Awards	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.597
	Disbursement	0.680	0.394	0.080	0.080	1.234	0.080	0.080	0.080	0.080	0.320	0.080	0.080	0.000	0.000	0.160	8.345
Shillong	Contract Awards	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.693
	Disbursement	0.080	0.080	0.080	0.080	0.320	0.080	0.080	0.080	0.080	0.320	0.080	0.080	0.000	0.000	0.160	3.352
MOUD	Contract Awards	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.370
	Disbursement	0.025	0.025	0.005	0.000	0.055	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.370
Total	Contract Awards	0.028	0.028	0.028	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	24.910
	Disbursement	1.096	0.717	0.383	0.378	2.574	0.340	0.340	0.340	0.340	1.360	0.340	0.340	0.000	0.000	0.680	23.272

Loan 2528: Contract Awards and Disbursement Targets - Details

PCSS	Contracts	Actual 2009	Actual 2010	Actual 2011	Actual Cum - end 11	Balance for Disb 1 Jan 12	2012						2013				
							Actual Q1	Balance for Disb 1 Apr 12	Projection				Projection				
									Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Agartala																	
Contract Awards																	
1	DSMC (Agartala)	2.032			2.032												0.000
2	IDC (Agartala)	1.007			1.007												0.000
6	PIA (Agartala)		0.080	0.025	0.105												0.000
17	PIA (Agartala)			0.033	0.033												0.000
21	Tube Well			0.139	0.139												0.000
22	Pipe for Tubewell			0.274	0.274												0.000
25	PIA (Agartala)						0.007			0.015	0.015	0.015	0.052	0.015	0.015	0.015	0.060
	Tube Well (Lot 2, Lot 3)												0.372	0.372			0.000
	Contract Awards Total	3.039	0.080	0.471	3.591		0.007			0.015	0.015	0.387	0.424	0.015	0.015	0.015	0.060
Disbursement																	
1	DSMC (Agartala)	0.000	0.313	0.204	0.517	1.515	0.047	1.468	0.052	0.050	0.050	0.199	0.050	0.050	0.050	0.050	0.200
2	IDC (Agartala)	0.000	0.146	0.334	0.479	0.528	0.050	0.478	0.050	0.050	0.050	0.200	0.000	0.000	0.000	0.000	0.000
6	PIA (Agartala)		0.080	0.025	0.105	0.000						0.000					0.000
17	PIA (Agartala)			0.033	0.033	0.000						0.000					0.000
21	Tube Well Replacement	0.000	0.000	0.000	0.000	0.139	0.000	0.139	0.000	0.070	0.070	0.139	0.000	0.000	0.000	0.000	0.000
22	Pipe for Tubewell (Agart)	0.000	0.000	0.000	0.000	0.274	0.164	0.110	0.000	0.109	0.000	0.273	0.000	0.000	0.000	0.000	0.000
25	PIA (Agartala)	0.000	0.000	0.000	0.000	0.000	0.007	0.000	0.015	0.015	0.015	0.052	0.015	0.015	0.015	0.015	0.060
new	Tube Well (Lot 2, Lot 3)											0.000			0.093	0.093	0.279
	Disbursement Total	0.000	0.539	0.596	1.135	2.456	0.268	2.195	0.117	0.294	0.185	0.863	0.065	0.158	0.158	0.158	0.539
Aizawl																	
Contract Awards																	
3	DSMC (Aizawl)	2.245			2.245												
7	PIA (Aizawl)		0.454	0.075	0.529												
13	Chrorinators (Aizawl)		0.079		0.079												
14	Reservoirs (Aizawl)		0.562		0.562												
15	Water Meter (Aizawl)		0.545		0.545												
18	PIA (Aizawl)			0.044	0.044												
27	PIA (Aizawl)	0.000	0.000	0.000	0.000		0.050		0.050	0.050	0.200						
28	Water Meter (Aizawl)						0.077				0.077						
	Contract Awards Total	2.245	1.640	0.118	4.003	0.000	0.127	0.000	0.050	0.050	0.050	0.277	0.000	0.000	0.000	0.000	0.000
Disbursement																	
3	DSMC (Aizawl)	0.000	0.303	0.590	0.893	1.352	0.186	1.166	0.100	0.100	0.100	0.486	0.080	0.080	0.080	0.080	0.320
7	PIA (Aizawl)		0.454	0.075	0.529	0.000	0.000	0.000				0.000					0.000
13	Chrorinators (Aizawl)	0.000	0.067	0.000	0.067	0.012	0.012					0.000					0.000
14	Reservoirs (Aizawl)	0.000	0.087	0.364	0.451	0.111	0.040	0.071	0.020	0.019	0.000	0.079					0.000
15	Water Meter (Aizawl)	0.000	0.000	0.545	0.545	0.000		0.000				0.000					0.000
18	PIA (Aizawl)			0.044	0.044	0.000		0.000				0.000					0.000
27	PIA (Aizawl)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.050	0.050	0.050	0.150					0.000
28	Water Meter (Aizawl)	0.000	0.000	0.000	0.000	0.000	0.040	0.037	0.037	0.000	0.000	0.077					0.000
	Disbursement Total	0.000	0.912	1.617	2.529	1.474	0.266	1.286	0.207	0.169	0.150	0.792	0.080	0.080	0.080	0.080	0.320
Gangtok																	
Contract Awards																	
8	PIA (Gangtok)		0.006	0.023	0.029							0.000					
11	DSMC (Gangtok)	2.009			2.009							0.000					
30	WS CW (Gangtok)				0.000		1.746					1.746					0.000
	PIA (Gangtok)				0.000		0.028		0.028	0.028	0.110	0.028	0.028	0.028	0.028	0.028	0.000
	Contract Awards Total	2.009	0.006	0.023	2.038	0.000	1.774	0.000	0.028	0.028	0.028	1.856	0.028	0.028	0.028	0.028	0.000
Disbursement																	
8	PIA (Gangtok)		0.006	0.013	0.018	0.011	0.000	0.011				0.000					0.000
11	DSMC (Gangtok)	0.000	0.175	0.252	0.427	1.582	0.093	1.489	0.080	0.080	0.080	0.333	0.080	0.080	0.080	0.080	0.320
30	WS CW (Gangtok)				0.000	0.000	0.000	1.746	0.174	0.166	0.250	0.590	0.300	0.300	0.272	0.200	1.072
	PIA (Gangtok)				0.000	0.000	0.028	0.000	0.028	0.028	0.028	0.110	0.028	0.028	0.028	0.028	0.112
	Disbursement Total	0.000	0.181	0.265	0.445	1.593	0.121	3.246	0.282	0.274	0.358	1.033	0.408	0.408	0.380	0.308	1.504
Kohima																	
Contract Awards																	
4	DSMC (Kohima)	2.368			2.368							0.000					
9	PIA (Kohima)		0.211	0.023	0.233							0.000					
19	PIA (Kohima)			0.130	0.130							0.000					
23	SWM CW (Kohima)			4.783	4.783							0.000					
24	WS CW (Kohima)			0.931	0.931							0.000					
	PIA (Kohima)				0.000		0.038		0.038	0.038	0.152						0.000
	Contract Awards Total	2.368	0.211	5.867	8.445		0.038	0.000	0.038	0.038	0.038	0.152	0.000	0.000	0.000	0.000	0.000
Disbursement																	
4	DSMC (Kohima)	0.000	0.358	0.349	0.708	1.660	0.079	1.581	0.080	0.080	0.080	0.319	0.080	0.080	0.080	0.080	0.320
9	PIA (Kohima)		0.211	0.023	0.233	0.000		0.000				0.000					0.000
19	PIA (Kohima)			0.130	0.130	0.000		0.000				0.000					0.000
23	SWM CW (Kohima)				0.000	4.783	0.000	4.783	0.469	0.400	0.600	1.469	0.600	0.600	0.600	0.600	2.400
24	WS CW (Kohima)				0.000	0.931	0.000	0.931	0.080	0.100	0.200	0.380	0.200	0.200	0.100	0.051	0.551
	PIA (Kohima)				0.000	0.000	0.007	0.031	0.038	0.038	0.121	0.031	0.031	0.000	0.000	0.000	0.000
	Disbursement Total	0.000	0.569	0.502	1.071	7.374	0.086	7.326	0.667	0.618	0.918	2.289	0.911	0.880	0.780	0.731	3.271
Shillong																	
Contract Awards																	
5	DSMC (Shillong)	2.019			2.019							0.000					
10	PIA (Shillong)		0.106	0.035	0.141							0.000					
12	IDC (Shillong)		1.036		1.036							0.000					
20	PIA (Shillong)			0.042	0.042							0.000					
29	SWM CW (Shillong)				0.000		0.374					0.374					0.000
	PIA (Shillong)				0.000		0.020		0.020	0.020	0.080						0.000
	Contract Awards Total	2.019	1.143	0.077	3.239	0.000	0.394	0.000	0.020	0.020	0.020	0.454	0.000	0.000	0.000	0.000	0.000
Disbursement																	
5	DSMC (Shillong)		0.252	0.221	0.473	1.547	0.135	1.412	0.080	0.080	0.080	0.375	0.080	0.080	0.080	0.080	0.320
10	PIA (Shillong)		0.106	0.035	0.141	0.000		0.000				0.000					0.000
12	IDC (Shillong)		0.155		0.307	0.729	0.040	0.689	0.140	0.140	0.140	0.460					0.000
20	PIA (Shillong)			0.042	0.042	0.000		0.000				0.000					0.

Loan 2528: Contract Awards at

PCSS	Contracts	2014					2015					2016					Grand Total
		Projection					Projection					Projection					
		Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	
Agartala																	
	Contract Awards																
1	DSMC (Agartala)					0.000					0.000					0.000	2.032
2	IDC (Agartala)					0.000					0.000					0.000	1.007
6	PIA (Agartala)					0.000					0.000					0.000	0.105
17	PIA (Agartala)					0.000					0.000					0.000	0.033
21	Tube Well					0.000					0.000					0.000	0.139
22	Pipe for Tubewell					0.000					0.000					0.000	0.274
25	PIA (Agartala)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.112
	Tube Well (Lot 2, Lot 3)					0.000					0.000					0.000	0.372
	Contract Awards Total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.075
	Disbursement																
1	DSMC (Agartala)	0.050	0.050	0.050	0.050	0.200	0.050	0.050	0.050	0.050	0.200	0.050	0.050			0.100	1.416
2	IDC (Agartala)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.679
6	PIA (Agartala)																0.105
17	PIA (Agartala)																0.033
21	Tube Well Replacement	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.139
22	Pipe for Tubewell (Agart)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.273
25	PIA (Agartala)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.112
new	Tube Well (Lot 2, Lot 3)	0.093	0.000	0.000	0.000	0.093	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.372
	Disbursement Total	0.143	0.050	0.050	0.050	0.293	0.050	0.050	0.050	0.050	0.200	0.050	0.050	0.000	0.000	0.100	3.130
Aizawl																	
	Contract Awards																
3	DSMC (Aizawl)																2.245
7	PIA (Aizawl)																0.529
13	Chrorinators (Aizawl)																0.079
14	Reservoirs (Aizawl)																0.562
15	Water Meter (Aizawl)																0.545
18	PIA (Aizawl)																0.044
27	PIA (Aizawl)																0.200
28	Water Meter (Aizawl)																0.077
	Contract Awards Total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.280
	Disbursement																
3	DSMC (Aizawl)	0.060	0.060	0.060	0.060	0.240	0.050	0.050	0.050	0.050	0.200	0.050	0.050		0.000	0.100	2.239
7	PIA (Aizawl)					0.000					0.000					0.000	0.529
13	Chrorinators (Aizawl)					0.000					0.000					0.000	0.067
14	Reservoirs (Aizawl)					0.000					0.000					0.000	0.530
15	Water Meter (Aizawl)					0.000					0.000					0.000	0.545
18	PIA (Aizawl)					0.000					0.000					0.000	0.044
27	PIA (Aizawl)					0.000					0.000					0.000	0.150
28	Water Meter (Aizawl)					0.000					0.000					0.000	0.077
	Disbursement Total	0.060	0.060	0.060	0.060	0.240	0.050	0.050	0.050	0.050	0.200	0.050	0.050	0.000	0.000	0.100	4.180
Gangtok																	
	Contract Awards																
8	PIA (Gangtok)																0.029
11	DSMC (Gangtok)																2.009
30	WS CW (Gangtok)					0.000					0.000					0.000	1.746
	PIA (Gangtok)					0.000					0.000					0.000	0.110
	Contract Awards Total	0.028	0.028	0.028	0.028	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.894
	Disbursement																
8	PIA (Gangtok)					0.000					0.000					0.000	0.018
11	DSMC (Gangtok)	0.080	0.080	0.080	0.080	0.320	0.080	0.080	0.080	0.080	0.320	0.080	0.080			0.160	1.880
30	WS CW (Gangtok)					0.000					0.000					0.000	1.662
	PIA (Gangtok)	0.028	0.028	0.028	0.028	0.112					0.000					0.000	0.334
	Disbursement Total	0.108	0.108	0.108	0.108	0.432	0.080	0.080	0.080	0.080	0.320	0.080	0.080	0.000	0.000	0.160	3.894
Kohima																	
	Contract Awards																
4	DSMC (Kohima)																2.368
9	PIA (Kohima)																0.233
19	PIA (Kohima)																0.130
23	SWM CW (Kohima)																4.783
24	WS CW (Kohima)																0.931
	PIA (Kohima)					0.000					0.000					0.000	0.152
	Contract Awards Total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.597
	Disbursement																
4	DSMC (Kohima)	0.080	0.080	0.080	0.080	0.320	0.080	0.080	0.080	0.080	0.320	0.080	0.080			0.160	2.147
9	PIA (Kohima)																0.233
19	PIA (Kohima)																0.130
23	SWM CW (Kohima)	0.600	0.314	0.000	0.000	0.914	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.783
24	WS CW (Kohima)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.931
	PIA (Kohima)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.121
	Disbursement Total	0.680	0.394	0.080	0.080	1.234	0.080	0.080	0.080	0.080	0.320	0.080	0.080	0.000	0.000	0.160	8.345
Shillong																	
	Contract Awards																
5	DSMC (Shillong)																2.019
10	PIA (Shillong)																0.141
12	IDC (Shillong)																1.036
20	PIA (Shillong)																0.042
29	SWM CW (Shillong)					0.000					0.000					0.000	0.374
	PIA (Shillong)					0.000					0.000					0.000	0.080
	Contract Awards Total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.693
	Disbursement																
5	DSMC (Shillong)	0.080	0.080	0.080	0.080	0.320	0.080	0.080	0.080	0.080	0.320	0.080	0.080		0.000	0.160	1.968
10	PIA (Shillong)					0.000					0.000					0.000	0.141
12	IDC (Shillong)					0.000					0.000					0.000	0.767
20	PIA (Shillong)					0.000					0.000					0.000	0.042
29	SWM CW (Shillong)					0.000					0.000					0.000	0.374
	PIA (Shillong)					0.000					0.000					0.000	0.060
	Disbursement Total	0.080	0.080	0.080	0.080	0.320	0.080	0.080	0.080	0.080	0.320	0.080	0.080	0.000	0.000	0.160	3.352
MOUD																	
	Contract Awards																
16	PMMC (MOUD)																0.370
	Contract Awards Total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.								

Table A1: Status of Procurement under Loan 2834

No	Package No.	General Description	Goods or Works	Contract Value (\$ million)	Current Status
Agartala					
1	WS-02	Design and build 14 overhead service reservoirs (2 lots)	W	4.48	Under financial evaluation. Signing expected in Sep.
2	WS-03	Design, build and operate 7 ground water treatment units in three Lots	W	5.33	Under financial evaluation. Signing expected in Sep.
3	WS-04	Procurement of 59 km of pipes for primary network	G	3.46	Awaiting for signing in July.
4	WS-05	Pipe Laying for Secondary Distribution (255 km) in Central and South Zone	G	9.85	Combined with WS-08. Under technical evaluation. Signing expected in Oct.
5	WS-06	Laying of 59 km of primary pipelines	W	0.32	Bid to be floated in Jul. Signing expected in Dec.
	WS-08	Laying of secondary pipelines in South Zone (225 km)	W	0.96	Combined with WS-05
6	WS-09	Procurement and Installation of 61 bulk flow meters	G	0.29	Contract signed, 20 Jun.
Aizawl					
7	OHT/WS/AIZ/T2/NCB	Construction of 3 ground level RCC zonal tanks	W	0.54	Contract signed, 17 May
8	EM&S/WS/AIZ/T2/NCB	Electrical and mechanical works testing, equipment installation and commissioning of two booster pumps in Chandmari and Tlangnuam	G	0.15	Contract signed, 16 May
9	P&SN/WS/AIZ/T2/ICB	Extension of main feeder pipe lines (23.69 km), rehabilitation of existing secondary and tertiary network (51.70km), extension to distribution system (31.16Km) and road restoration.	W	6.89	Bid closing, 5 Jul. Signing expected in Oct.
10	WM1/WS/AIZ/T2/ICB	Purchase, installation of bulk and domestic water meters and UFW reduction program	G	1.48	Under financial evaluation. Signing expected in Aug.
11	PS-1/ WS/AIZ/T2/ICB	Purchase of dedicated power supply system	G	4.52	Combined with below. Bid doc being prepared by the Power Department to be issued in Aug. Signing may be in Jan 13.
	PS-2/ WS/AIZ/T2/FA	Installation of dedicated power supply system	W	0.96	Combined with above.
12	P&SN/SEW/AIZ/T2/NCB	Sewerage network consisting of 45.95 km including manholes and ventilation shafts and all associated earthworks; and utility shifting	W	4.68	Under financial evaluation. Signing expected in Sep.
13	SCM/SEW/AIZ/T2/NCB	Procurement of septic tank cleaning equipment	G	0.22	Contract signed, 18 May
14	CT/SEW/AIZ/T2/NCB	Construction of 10 community toilets in few lots	W	0.22	Under financial evaluation. Signing expected in Sep.
15	STP/SEW/AIZ/T2/NCB	Construction of STP	W	2.44	Under technical evaluation. Signing expected in Oct.
16	AR/ SEW/AIZ/T2/NCB	Construction of approach road to STP	W	0.29	Under technical evaluation. Signing expected in Oct.
Gangtok					
17	GTK-WA-1 (Lot 1)	Improvement of existing water supply system by replacement & augmentation of the distribution network in Housing & Press Tank Zones; and 2 storage reservoirs	W	2.21 (Rs110.4M)	26 Jun fin opening. Award end Aug. Signing Sep.
18	GTK-WA-1 (Lot 2)	Improvement of existing water supply system by replacement & augmentation of distribution network for the remaining areas; including 5 storage reservoirs	W	1.83 (Rs91.5M)	26 Jun fin opening. Award end Aug. Signing Sep.

No	Package No.	General Description	Goods or Works	Contract Value (\$ million)	Current Status
19	GTK-WA-2	Providing 12,000 consumer meters. (24 month installation)	G	0.478 (Rs23.9M)	Bid doc to be issued in Aug end
20	GTK-SWM-1	Providing primary collection vehicles & equipments, household bins, push carts, litter bins for solid waste phase 1	G	0.336 (Rs16.8M)	Bid issued. 23 July submission deadline. Award end Oct. Signing Nov.
21	GTK-SWM-2	Construction of Land fill, Leachate Treatment Plant, and Associated Infrastructure for land fill site.	W	1.64	ADB 14 Jun approved. Fin open mid Jul. Award Aug. Sign Sep.
22	GTK-SWM-3a	Excavator (1 unit) (Shopping)	G	0.040 (Rs2M)	28 Jun bid doc to be issued. 5 Jul submission. Award end Aug. Singing Sep.
23	GTK-SWM-3b	Providing secondary collection vehicles , 11 hundred litter bins, landfill site equipment and personal protection equipment for SWM	G	0.342 (Rs17.01M)	Bid issued. 23 July submission deadline. Award end Oct. Signing Nov.
Kohima					
24	KHM-WA-4	Improvement of existing water supply system by replacement & augmentation of the secondary network (315 Km), including installation of meters	W	10.84	Under technical evaluation. Signing expected in Oct.
25	KHM-WA-5	30 bulk and 20,000 household water meters	G	1.82	Bid to be floated in Dec 12. Signing expected in Jun 13.
Shillong					
26	SHG/SWM-01/01	Construction of Garage cum Workshop and staff rest room	W	0.28	Awaiting for signing in Jul.
27	SHG/SWM-01/02	Procurement of primary and secondary collection vehicles (18), workshop machinery	G	0.42	Awaiting for signing in Jul.
28	SHG/SWM-01/03	Procurement of different types of bins, personnel protective equipment & polythene bags	G	0.25	Under technical evaluation. Signing expected in Oct.

G = goods, O&M = operation and maintenance, ICB = International competitive bidding, NCB = national competitive bidding, W = works, WTP = water treatment plant

Table A2: Recruitment of Institutional Development Consultants

No	City	Contract Value (\$ million)	Contract Signing	Mobilization
1	Aizawl	1.0	16 March 2011	15 April 2011
2	Gangtok	0.96	10 February 2012	12 March 2012
3	Kohima	0.83	17 October 2011	1 December 2011

Loan 2834: Contract Award and Disbursement Projection

No.	Package No.	General Description	CA Date	Disbursement												Total
				2013				2014				2015				
				Q1	2	3	4	Q1	2.0	3	4	Q1	2	3	4	
1	WS-02	Design and build 14 overhead service	Sep-12	0.083	0.111	0.167	0.250	0.361	0.417	0.500	0.500	0.389	-	-	-	2.780
2	WS-03	Design, build and operate 7 ground water	Sep-12	0.165	0.083	0.165	0.165	0.248	0.248	0.331	0.413	0.496	0.579	0.413	-	3.306
3	WS-4	Procurement of 59 Km of pipes for primary	Jul-12	1.039	0.866	0.866	0.692	-	-	-	-	-	-	-	-	3.462
4	WS-05	Pipe Laying (255 km) for central and south	Oct-12	1.478	1.478	2.463	2.463	1.971	-	-	-	-	-	-	-	9.853
5	WS-06	Laying of primary pipelines (59Kms)	Dec-12	0.006	0.008	0.012	0.018	0.026	0.030	0.036	0.036	0.028	-	-	-	0.198
8	WS-09	Procurement and Installation of 61 Bulk	May-12	0.022	0.015	0.015	0.022	0.022	0.029	0.036	0.044	0.051	0.036	-	-	0.290
		Subtotal		2.793	2.560	3.687	3.611	2.628	0.724	0.903	0.993	0.964	0.615	0.413	-	19.890
9	OHT/WS/AIZ/T2/NCB	Construction of 3 ground level RCC zonal	May-12	0.024	0.020	0.030	0.044	0.051	0.061	0.061	0.047	-	-	-	-	0.337
10	EM&S/WS/AIZ/T2/NCB	E&M works testing, equipment provision,	May-12	0.044	0.037	0.037	0.029	-	-	-	-	-	-	-	-	0.147
11	P&SN/WS/AIZ/T2/ICB	Extension of main feeder pipe lines (23.69	Oct-12	0.043	0.085	0.128	0.214	0.299	0.342	0.342	0.427	0.427	0.427	0.427	1.111	4.271
12	WM1/WS/AIZ/T2/ICB	Purchase, installation of bulk and domestic	Aug-12	0.148	0.111	0.111	0.148	0.295	0.369	0.295	-	-	-	-	-	1.476
13	PS-1/ WS/ AIZ/T2/NCB	Purchase of dedicated power supply	Jan-13	-	0.226	0.226	0.339	0.339	0.452	0.904	1.130	0.904	-	-	-	4.520
14	P&SN/SEW/AIZ/T2/ICB	Sewerage network consisting of 45.95Km	Sep-12	0.145	0.073	0.145	0.145	0.218	0.218	0.290	0.363	0.435	0.508	0.363	-	2.903
15	SCM/SEW/AIZ/T2/NCB	Procurement of septic tank cleaning	May-12	0.067	0.056	0.056	0.044	-	-	-	-	-	-	-	-	0.222
16	CT/SEW/AIZ/T2/NCB	Construction of 10 community toilets in few	Jan-13	-	0.001	0.003	0.006	0.008	0.012	0.018	0.021	0.025	0.025	0.019	-	0.138
17	STP/SEW/AIZ/T2/NCB	Construction of STP	Oct-12	0.038	0.038	0.038	0.076	0.076	0.114	0.114	0.152	0.189	0.227	0.265	0.189	1.515
18	AR/ SEW/ AIZ/T2/NCB	Construction of approach road to STP &	Oct-12	0.009	0.018	0.027	0.045	0.045	0.036	-	-	-	-	-	-	0.182
		Subtotal		0.517	0.665	0.800	1.090	1.331	1.603	2.023	2.139	1.981	1.187	1.074	1.300	15.711
19	GTK-WA-1 (Lot 1)	Improvement of existing water supply	Aug-12	0.041	0.055	0.082	0.123	0.178	0.206	0.247	0.247	0.192	-	-	-	1.370
20	GTK-WA-1 (Lot 2)	Improvement of existing water supply	Aug-12	0.034	0.045	0.068	0.102	0.147	0.170	0.204	0.204	0.159	-	-	-	1.135
21	GTK-WA-2	Providing 12000 consumer meters.	Jul-12	0.024	0.012	0.024	0.024	0.036	0.036	0.048	0.060	0.072	0.084	0.060	-	0.478
22	GTK-SWM-1	Providing primary and secondary	Jun-12	0.101	0.084	0.084	0.067	-	-	-	-	-	-	-	-	0.336
23	GTK-SWM-2	Construction of Land fill, Leachate	Sep-12	0.153	0.153	0.254	0.254	0.203	-	-	-	-	-	-	-	1.017
24	GTK-SWM-3a	Excavator	Jul-12	0.001	0.002	0.002	0.004	0.005	0.006	0.007	0.007	0.006	-	-	-	0.040
25	GTK-SWM-3b	Collection vehicle, binds, lequpment	Nov-12	0.017	0.034	0.051	0.086	0.086	0.068	-	-	-	-	-	-	0.342
		Subtotal		0.371	0.384	0.566	0.660	0.656	0.486	0.506	0.518	0.428	0.084	0.060	-	4.718
26	KHM-WA-4	Improvement of existing water supply	Oct-12	0.168	0.168	0.168	0.336	0.336	0.504	0.504	0.672	0.840	1.008	1.177	0.840	6.723
27	KHM-WA-5	30 bulk and 20000 household water	Jun-13	-	-	0.018	0.036	0.073	0.109	0.164	0.237	0.273	0.328	0.328	0.255	1.822
		Subtotal		0.168	0.168	0.186	0.373	0.409	0.614	0.668	0.909	1.114	1.336	1.505	1.095	8.545
28	NERCCDIP/TR-	Construction of Garage cum Workshop	Jul-12	0.104	0.069	-	-	-	-	-	-	-	-	-	-	0.173
29	NERCCDIP/TR-	Procurement of primary and secondary	Jul-12	0.062	0.062	0.104	0.104	0.083	-	-	-	-	-	-	-	0.416
30	NERCCDIP/TR-	Procurement of different types of bins,	Oct-12	0.012	0.025	0.037	0.062	0.062	0.050	-	-	-	-	-	-	0.249
		Subtotal		0.179	0.156	0.141	0.166	0.145	0.050	-	-	-	-	-	-	0.838
C1	IDC-Aiz	Aizawl	Mar-12	0.130	0.130	0.130	0.130	0.130	0.130	0.130	0.130	-	-	-	-	1.043
C2	IDC-Gan	Gangtok	Mar-12	0.124	0.124	0.124	0.124	0.124	0.124	0.124	0.124	-	-	-	-	0.995
C3	IDC-Koh	Kohima	Mar-12	0.104	0.104	0.104	0.104	0.104	0.104	0.104	0.104	-	-	-	-	0.832
C4	MOUD PMMC	MOUD		0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.550
		Subtotal		0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.050	0.050	0.050	0.050	3.420
		Total		4.436	4.342	5.790	6.308	5.577	3.885	4.509	4.968	4.536	3.272	3.102	2.446	53.122

Note: It is assumed that the loan becomes effective in Q1 2013 and contract awards and disbursement during retro-active financing period would be recorded in the ADB system in Q1 2013.