

APPENDICES

Appendix-I

(Reference: Paragraph 2.1.5.3: Page: 15)

Statement showing extra expenditure incurred due to not enforcing the provisions of Clause 3(C) of General Conditions of Contract

(₹ in lakh)

Original work							Retendering of balance work		
Sl. No.	Name of work	Date of issue of work order and stipulated period of completion	Value of work order	Date of termination of contract	Value of work done	Cost of balance work	Cost of balance work after retendering	Date of completion	Extra expenditure incurred (8-7)
1	2	3	4	5	6	7	8	9	10
ZP, Amravati									
1.	Kolhapur Type (KT) Weir, Raipur	02/02/1999 12 months	8.73	29/10/2007	2.04	6.69	19.81	31/03/2010	13.12
2.	KT Weir, Siddhanathpur	05/05/1999 6 months	28.01	01/01/2008	16.75	11.26	37.55	04/03/2010	26.29
3.	KT Weir, Pachod	22/03/1999 24 months	22.81	02/11/2007	7.75	15.06	31.40	31/12/2009	16.34
ZP, Ahmadnagar									
4	Storage Bandhara at Purushwadi, Akole	04/12/2006 12 months	15.98	10/07/2012	8.83	4.05*	6.96	21/06/2013	2.91
Total									58.66
Source : Data compiled from respective ZPs									
*Against estimated balance quantity of 308.23 cum of Cement Concrete 1:3:6 work valuing ₹ 7.15 lakh, work actually assessed as per site condition was 184.53 cum valuing ₹ 4.05 lakh									

Appendix-II

(Reference: Paragraph 2.1.5.4: Page:15)

Statement showing idle investment on incomplete works

(₹ in lakh)

Sl. No.	Name of the work	Details of work order and period for completion	Value of work order	Amount paid to contractor	Period since lying incomplete/ months lapsed till March 2015	Projected IP (ha)	Reasons for incomplete works	Department's reply
1	Construction of Cement Plug Bandhara at Kelzar, Chandrapur	March 2010 15 months	8.72	6.82	August 2011/43 months	8.22	The contractor was not willing to execute any further work.	The EE, MID, ZP, Chandrapur stated (December 14) that contractor would be served notice to complete the work else, the contract would be terminated under Clause 3 (C) of the contract.
2	Construction of KT Bandhara, at Dhanora Mahali, Amravati	February 2011 12 months	22.98	7.17	June 2011/45 months	26	Due to increase in quantity of dewatering at the site, the contractor demanded payment at current rates. As the Department did not respond to his demand, the contractor stopped the work.	The EE, MID, ZP, Amravati stated (December 2014) that process to terminate the contract under clause 15 (departmental termination where contractor is not at fault) was in progress.
3	Construction of KT Weir Dabhadi No.7 at Malegaon, Nashik	April 1999 18 months	8.61	6.78	March 2003/144 months	5	The contractor was not willing to execute any further work.	The EE, MID (East), ZP, Nashik stated (December 2014) that work would be completed at the earliest.
4	KT Bandhara, Boripada, Nashik	November 2000 12 months	4.38	3.40	April 2003/143 months	5	The contractor was not willing to execute any further work.	The EE, MID (West), ZP, Nashik stated (December 2014) that contractor would be served notice to complete the work else, the contract would be terminated under Clause 3 (C) of the contract.
5	Construction of Pucca Bandhara, Kalamkhande, Thane	November 2008 12 months	7.39	5.69	March 2009/72 months	4	The contractor was not willing to execute any further work.	The EE, MID, ZP, Thane accepted (December 2014) the facts and assured that action will be taken in accordance with contract conditions.
Total			52.08	29.86		48.22		
Source: Data compiled from respective ZPs								

Appendix-III

(Reference: Paragraph 2.1.5.6: Page 15)

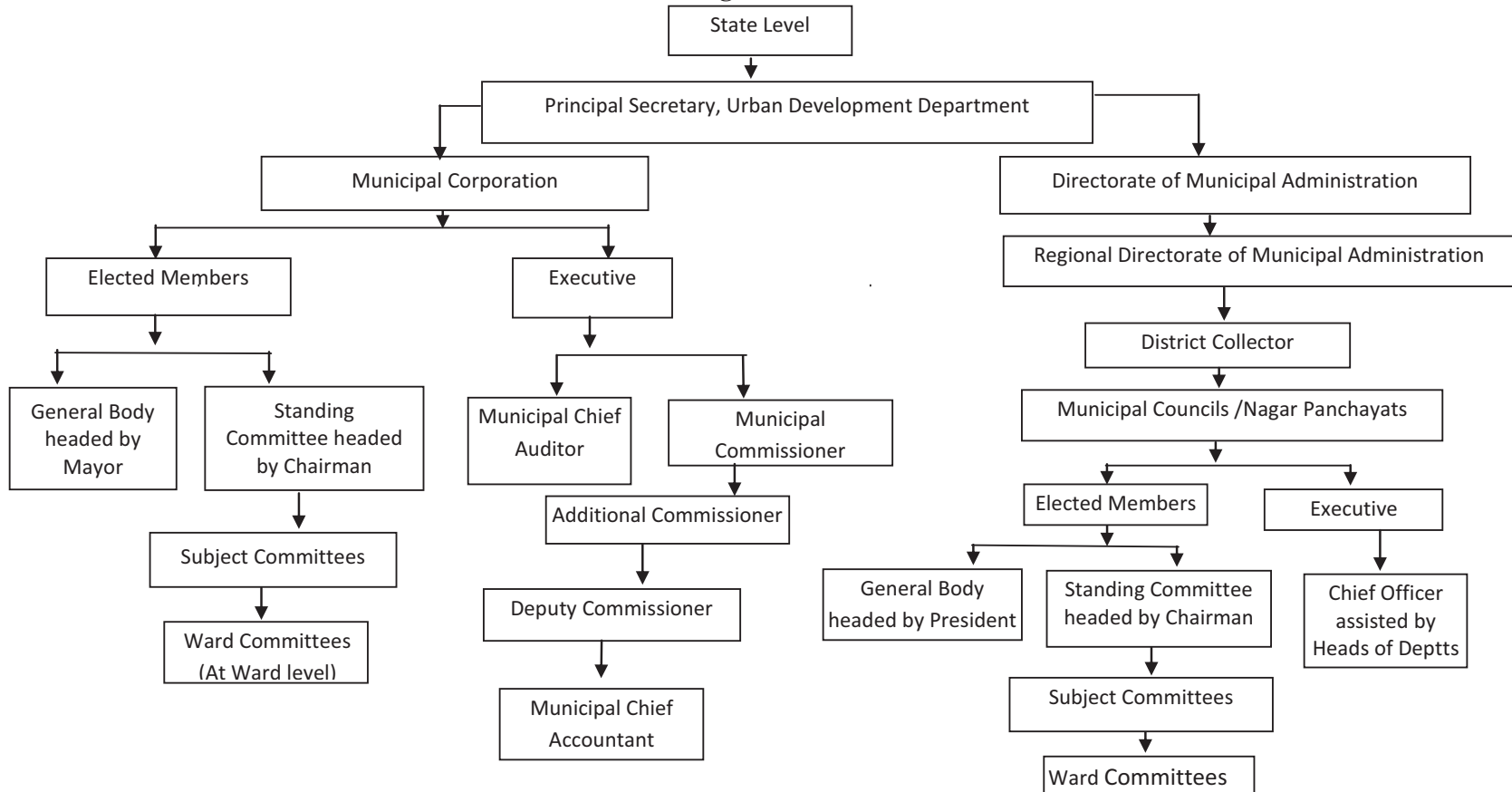
Statement showing payments made to contractors without obtaining test reports/tests conducted prior to issue of work orders

(₹ in lakh)

Sl. No.	Name of the work	Date of work order	Value of work order	Amount paid to contractor	Remarks of audit	Division's reply	Audit Remarks
1	Kulshet concrete bandhara No.2, Shahapur, Thane	21/05/2013	₹ 6.19 lakh	₹ 6.14 lakh	Date of casting of concrete cube as per test report was 17 April 2013.	It was planned to complete the work before start of rainy season hence, material was tested earlier.	Testing of material should have been done during execution of work as prescribed in Maharashtra Public Works Department Handbook.
2	Borigaon concrete bandhara, Brahmanpada, Talasari, Thane	27/12/2011	₹ 16.90 lakh	₹ 14.80 lakh	2000 bags of cement were brought to site in April 2012 and May 2012 for consumption. However, test report indicated that concrete cube was cast on 13 March 2012.	In order to finish the work on time, contractor tested the material earlier.	As the material was brought to site in April 2012 and May 2012, the casting of concrete cube should have been done after these dates.
3	KT bandhara at Pimpalgaon (Nipani), Nashik	04/03/2014	₹ 3.96 lakh	₹ 3.96 lakh	Test report of cement and concrete cubes shows date of receipt/casting as 05 February 2014 and 28 February 2014.	No specific reply was furnished by the concerned Division.	
4	Concrete bandhara Hiwali, Thane	10/01/2011	₹ 7.69 lakh	₹ 7.39 lakh	No test reports were obtained by EEs, MIDs during execution of these works.	The Division accepted that test reports were not obtained from the contractors.	
5	Concrete bandhara Chinchghar, Thane	04/01/2011	₹ 19.00 lakh	₹ 19.04 lakh			
6	Concrete bandhara Kudshet, Thane	29/03/2013	₹ 7.44 lakh	₹ 7.49 lakh			
7	Concrete bandhara Sambha 2, Thane	14/02/2011	₹ 16.47 lakh	₹ 11.47 lakh			
8	Cement plug bandhara, Mohadi, Nashik	13/03/2013	₹ 9.88 lakh	₹ 9.88 lakh			
9	Cement plug bandhara, Mohadi 4, Nashik	30/03/2013	₹ 14.81 lakh	₹ 14.88 lakh			
10	Cement plug bandhara, Mohadi 5, Nashik	07/02/2014	₹ 4.99 lakh	₹ 4.98 lakh			
11	Cement plug bandhara, Mohadi 7, Nashik	04/03/2014	₹ 11.98 lakh	₹ 12.05 lakh			
Total			₹119.31 lakh	₹ 112.08 lakh			

Source: Information provided by ZP, Nashik and Thane

Appendix-IV
(Reference: Paragraph 3.3.1; Page No 30)
Organisational structure



Appendix-V
(Reference paragraph No. 5.1.3; Page No. 66)
SLB achievement by UMC in water supply

Sl. No.	SLB indicators	National benchmarks <i>(per cent)</i>	Achievement by UMC during 2010-11 <i>(per cent)</i>	Target set by UMC during 2011-12 <i>(per cent)</i>	Achievement by UMC during 2011-12 <i>(per cent)</i>	Target set by UMC during 2012-13 <i>(per cent)</i>	Achievement by UMC during 2012-13 <i>(per cent)</i>	Target set by UMC during 2013-14 <i>(per cent)</i>	Achievement by UMC during 2013-14 <i>(per cent)</i>
1.	Coverage of water supply connections	100	80	100	90	100	90	100	79
2.	Per capita supply of water	135 lpcd	140 lpcd	----	135 lpcd	135	135 lpcd	135	145 lpcd
3.	Extent of metering of water connections	100	5	100	5	100	20	100	2
4.	Extent of non-revenue water	20	30	20	30	20	35	20	32
5.	Continuity of water supply	24 hours	1 to 2 hours	6 hours	2 hours	4 hours	2 hours	5 hours	3 hours
6.	Quality of water supplied	100	90	100	95	100	98	80	100
7.	Efficiency in redressal of customer complaints	80	70	80	75	80	80	80	96
8.	Cost recovery in water supply services	100	50	100	60	100	35	85	101
9.	Efficiency in collection of water supply-related charges	90	60	90	70	90	20	80	36

Source: UMC reports of targets and achievements of SLBs and Government Gazettes published by GoM

Appendix-VI
(Reference para No. 5.1.4; page No. 67)
SLB achievement by UMC in solid waste management

Sl. No.	SLB indicators	National benchmarks <i>(per cent)</i>	Achievement by UMC during 2010-11 <i>(per cent)</i>	Target set by UMC during 2011-12 <i>(per cent)</i>	Achievement by UMC during 2011-12 <i>(per cent)</i>	Target set by UMC during 2012-13 <i>(per cent)</i>	Achievement by UMC during 2012-13 <i>(per cent)</i>	Target set by UMC during 2013-14 <i>(per cent)</i>	Achievement by UMC during 2013-14 <i>(per cent)</i>
1.	Household level coverage of solid waste management services	100	80	100	22	80	22	40	36
2.	Efficiency of collection of municipal solid waste	100	80	100	96	97	90	100	100
3.	Extent of segregation of municipal solid waste	100	10	80	10	80	1	40	0
4.	Extent of municipal solid waste recovered	80	10	80	70	80	0	20	0
5.	Extent of scientific disposal of municipal solid waste	100	20	100	0	0	0	60	0
6.	Efficiency in redressal of customer complaints	80	90	100	78	80	78	90	93
7.	Extent of cost recovery in SWM services	100	50	90	13	40	13	50	44
8.	Efficiency in collection of SWM charges	90	60	90	49	80	34	80	16

Source: UMC reports of targets and achievements of SLBs and Government Gazettes published by GoM

Appendix VII
(Reference para No. 5.1.5; page No. 68)
SLB achievement by UMC in sewage management

Sl. No.	SLB indicators	National benchmarks (per cent)	Achievement by UMC during 2010-11 (per cent)	Target set by UMC during 2011-12 (per cent)	Achievement by UMC during 2011-12 (per cent)	Target set by UMC during 2012-13 (per cent)	Achievement by UMC during 2012-13 (per cent)	Target set by UMC during 2013-14 (per cent)	Achievement by UMC during 2013-14 (per cent)
1.	Coverage of toilets	100	60	100	80	85	70	90	62
2.	Coverage of sewage network services	100	60	80	65	70	60	75	15
3.	Collection efficiency of the sewage network	100	30	80	35	60	30	60	0
4.	Adequacy of sewage treatment capacity	100	50	80	15	25	20	30	0
5.	Quality of sewage treatment	100	50	80	55	85	50	80	0
6.	Extent of reuse and recycling of sewage	20	0	10	0	20	0	10	0
7.	Efficiency in redressal of customer complaints	80	60	80	70	80	60	75	95
8.	Extent of cost recovery in sewage management	100	50	80	50	65	50	65	68
9.	Efficiency in collection of sewage charges	90	50	80	55	60	50	65	31

Source: UMC reports of targets and achievements of SLBs and Government Gazettes published by GoM

Glossary

Acronyms and abbreviations

Term	Extended form
AMC	Aurangabad Municipal Corporation
BDO	Block Development Officer
BDS	Budget Distribution System
BMW	Bio-Medical Waste
BOOT	Built, Operate, Own and Transfer
BPCL	Bharat Petroleum Corporation Limited
CAs	Chartered Accountants
CAFO	Chief Accounts and Finance Officer
CAR	Capital Adequacy Ratio
CDO	Central Design Organisation
CDR	Deposit Call Receipt
CE	Chief Engineer
CEO	Chief Executive Officer
CRAR	Capital to Risk Weighted Assets Ratio
CSP	City Sanitation Plan
DCCB	District Central Co-operative Bank
DD	Demand Draft
DEAS	Double Entry Accounting System
DI	Ductile Iron
DLACs	District Level Audit Committees
DLFA	Director Local Fund Audit
DMA	Director Municipal Administration
DPC	Duties Powers and Conditions of service
DPDC	District Planning and Development Committee
DPRs	Detailed Project Reports
DRDA	District Rural Development Agency
ED	Electricity Duty
EE	Executive Engineer
EFC	Eleventh Finance Commission
EGS	State Employment Guarantee Scheme
ETP	Effluent Treatment Plant
ESR	Elevated Service Reservoir
GIS	Geographic Information System
GoI	Government of India
GoM	Government of Maharashtra
GPs	Gram Panchayats
GR	Government Resolution

Term	Extended form
IP	Irrigation potential
JNNURM	Jawaharlal Nehru National Urban Renewal Mission
KDMC	Kalyan Dombivali Municipal Corporation
KT	Kolhapur Type
LBs	Local Bodies
LCS	Labour Cooperative Societies
LPCD	Litres Per Capita Per Day
MA	Mobilisation Advance
MAINet	Municipal Administration Information Network Software System
MbMC	Mumbai Municipal Corporation
MbPT	Mumbai Port Trust
MC	Municipal Council
MMC Act	Maharashtra Municipal Councils, Nagar Panchayats and Industrial townships Act, 1965
MCA	Municipal Chief Auditor
MCGM	Municipal Corporation of Greater Mumbai
MHADA	Maharashtra Housing and Area Development Authority
MI	Minor Irrigation
MIDC	Maharashtra Industrial Development Corporation
MJP	Maharashtra Jeevan Pradhikaran
ML	Million Litre
MLD	Million Litre Daily
MoEF	Ministry of Environment and Forest
MoUD	Ministry of Urban Development
MPCB	Maharashtra Pollution Control Board
MREGS	Maharashtra Rural Employment Guarantee Scheme
MSEB	Maharashtra State Electricity Board
MSNA	Maharashtra Sujal Nirmal Abhiyan
MSJNA	Maharashtra Swarna Jayanti Nagrotthan Mahabhiyan
MSW	Municipal Solid Waste
MT	Metric Ton
MVT Act	Bombay Motor Vehicles Tax Act, 1958
MZP&PS	Maharashtra Zilla Parishads and Panchayat Samitis
NABARD	National Bank for Agriculture and Rural Development
NCCM	Nagpur City Municipal Corporation
NMAM	National Municipal Accounts Manual
NMC	Nagpur Municipal Corporation
NRW	Non-Revenue Water
NP	Nagar Panchayats
PBT	Patoda Balancing Tank
PF	Provident Fund

Term	Extended form
PLBC	Palkhed Left Bank Canal
PRIs	Panchayati Raj Institutions
PSs	Panchayat Samitis
PT Act	Maharashtra State Tax on Professions, Trades, Callings and Employment Act, 1975
PWD	Public Works Department
RBI	Reserve Bank of India
RD & WCD	Rural Development and Water Conservation Department
RMT	Running Metre
RWSS	Rural Water Supply Schemes
SBI	State Bank of India
SE	Superintending Engineer
SFC	State Finance Commission
SLB	Service Level Benchmark
SLSC	State Level Steering Committee
STP	Sewage Treatment Plants
SWD	Strom Water Drain
SWM	Solid Waste Management
UDD	Urban Development Department
UIDSSMT	Urban Infrastructure Development Scheme for Small and Medium Towns
ULBs	Urban Local Bodies
UMC	Ulhasnagar Municipal Corporation
VDO	Village Development Officer
VP	Village Panchayat
WTP	Water Treatment Plant
ZP	Zilla Parishad