

## Annexure – A9

### BEE – MuDSM PROGRAMME

Name of ULB: Sagar Municipality, Madhya Pradesh.

Name of ESCO: EPIC Energy Ltd, Mumbai.

Period of Audit : 26.06.09 to 10.07.09

#### Abstract Summary on Base Line, Current & Energy Saving Budget

S.No	IGEA	Base Line Consumption		Current Consumption		Energy Savings		% Saving	Cost of Investment	Cost Benefit Ratio	Simple Pay Back Period in Months
		Units	Rs.	Units	Rs.	Units	Rs.				
<b>I. Proposals Without Investment</b>											
1	Water Supply Scheme Raw Water PH Clear water & WTP PH	1684 + 868 KVA + 76,15,200	2,70,10,000	1684 KVA + 62,98,075	2,09,03,000	868 KVA + 13,17,125	61,07,000	23	Nil	Zero	Zero
2	Transformer Study & Distribution Audit	- do -	- do -	1684 KVA + 59,59,063	1,99,03,000	3,39,012	10,00,000	4	Nil	Zero	Zero
	<b>Total I</b>	<b>1684 + 868 KVA + 76,15,200</b>	<b>2,70,10,000</b>	<b>1684 KVA + 59,59,063</b>	<b>1,99,03,000</b>	<b>868 KVA + 16,56,137</b>	<b>71,07,000</b>	<b>26</b>	<b>Nil</b>	<b>Zero</b>	<b>Zero</b>
<b>II. Proposals With Investment</b>											
3	Open Well & Submersible Pump	1,07,799	3,29,000	91,631	2,80,000	16,170	49,000	15	1,39,000	2.82	34
4	Buildings Study	41,725	2,27,000	33,070	1,80,000	8,655	47,000	21	48,000	1.02	12
5	Street Light System	17,67,002	56,54,000	10,14,225	32,45,000	7,52,777	24,09,000	43	26,93,000	1.12	13
	<b>Total II</b>	<b>19,16,526</b>	<b>62,10,000</b>	<b>11,38,926</b>	<b>37,05,000</b>	<b>7,77,602</b>	<b>25,05,000</b>	<b>40</b>	<b>28,80,000</b>	<b>1.15</b>	<b>14</b>
	<b>Grand Total I + II</b>	<b>1684+ 868 KVA + 95,31,726</b>	<b>3,32,20,000</b>	<b>1684 KVA + 70,97,989</b>	<b>2,36,08,000</b>	<b>868 KVA + 24,33,739</b>	<b>96,12,000</b>	<b>29</b>	<b>28,80,000</b>	<b>0.30</b>	<b>4</b>
6	O & M Budget	--	1,08,00,000	--	20,00,000	--	88,00,000	--	--	--	--
	<b>Total Municipality Electricity Budget</b>	<b>1684+ 868 KVA + 95,31,726</b>	<b>4,40,20,000</b>	<b>1684 KVA + 70,97,989</b>	<b>2,56,08,000</b>	<b>868 KVA + 24,38,000</b>	<b>1,84,12,000</b>	<b>42</b>	<b>28,80,000</b>	<b>0.16</b>	<b>2</b>