

RFT - Annex B – System Description for the MCs

Package No. 1: Municipal Street Lighting and LT Waterworks Pumps at Ashta Municipal Corporation

Street lighting system description in the AMC

The street lighting network of the Ashta Municipal Corporation (AMC) includes fixtures of different types as described in the table below.

Statement of Street Lighting Fixtures in Total Ward of Ashta Municipal Corporation

DETAILS OF STREET LIGHT POINTS UNDER ASHTA (TOWN)												
Switch points	Name of Switching point	Vapour Lamp			Vapour Lamp			Fluorescent Tube Light			Total	
		No.	Load per lamp (W)	Load in kW	No.	Load per lamp (W)	Load in kW	No.	Load per lamp (W)	Load in kW	No of light. points	Load in KW
1	Old Bus stand	80	125	10,0	35	250	8,8	92	40	3,7	207	22,4
2	Ganj (Mahesh Bala)	47	125	5,9	20	250	5,0	112	40	4,5	179	15,4
3	Alipur (Block Office)	29	125	3,6	19	250	4,8	66	40	2,6	114	11,0
4	Langapura	32	125	4,0	18	250	4,5	59	40	2,4	109	10,9
5	Budhwara (Hospital)	31	125	3,9	13	250	3,3	63	40	2,5	107	9,6
6	Naya Thana (Kannod Road)	48	125	6,0	19	250	4,8	105	40	4,2	172	15,0
	GRAND TOTAL	267		33	124		31	497		20	888	84

Operation of the street lighting fixtures in the Ashta Municipal Corporation:

- *Wiring: all single*
- *Ballast are all magnetic ballast*
- *Manual on/off switching*

***Package No. 2: Municipal Street Lighting and LT Waterworks Pumps
at Bhopal Municipal Corporation***

Street lighting system description in the BMC

The street lighting network of the Bhopal Municipal Corporation (BMC) will be available at the pre-bid conference.

**Package No. 3: Municipal Street Lighting and LT Waterworks Pumps
at Dewas Municipal Corporation**

Street lighting system description in the DMC

The street lighting network of the Dewas Municipal Corporation (DMC) includes fixtures of different types as described in the table below.

Statement of Street Lighting Fixtures in Total Ward of Dewas Municipal Corporation

DETAILS OF STREET LIGHTING UNDER DEWAS (TOWN)														TOTAL	
No of switch points		Vapour Lamp			Mercury Lamp			Fluorescent Tube Light			Incandescent			No of light points	Load in KW
		No.	Load per lamp (W)	Load in kW	No.	Load per lamp (W)	Load in kW	No.	Load per lamp (W)	Load in kW	No.	Load per lamp (W)	Load in kW		
54	Street lights	2673	250	668	442	250	111	7226	40	289	516	40	21	10857	1088
	High mast lights	32	400	13										32	
TOTAL		2705		681	442		111	7226		289	516		21	10889	1088

Operation of the street lighting fixtures in the Dewas Municipal Corporation:

- *Wiring: all single*
- *Ballast are all magnetic ballast*
- *Manual on/off switching*

***Package No. 4: Municipal Street Lighting and LT Waterworks Pumps
at Jabalpur Municipal Corporation***

Street lighting system description in the JMC

The street lighting network of the Jabalpur Municipal Corporation (JMC) will be available at the pre-bid conference.

**Package No. 5: Municipal Street Lighting and LT Waterworks Pumps
at Sehore Municipal Corporation**

Street lighting system description in the SMC

The street lighting network of the Sehore Municipal Corporation (SMC) includes fixtures of different types as described in the table below.

Statement of Street Lighting Fixtures in Total Ward of Sehore Municipal Corporation

DETAILS OF STREET LIGHT POINTS UNDER SEHORE (TOWN)											
Switching points	Name of Switching point	SV Lamp		Florescent Tube Light			Incandescent Lamp			TOTAL	
		No.	Load in kW	No.	Load per lamp (W)	Load in kW	No.	Load per lamp (W)	Load in kW	No of lighting points	Load in kW
1	Behind Jail	16	2,6	3	40	0,1	1	100	0,1	20	2,8
2	Manek Chowk	73	13,8	25	40	1,0	7	100	0,7	105	15,5
3	Power House Chouraha	88	17,5	134	40	5,4	22	100	2,2	244	25,1
4	Kotwali Chouraha	94	17,9	84	40	3,4	16	100	1,6	194	22,9
5	Bhopal Naka	99	15,6	55	40	2,2	18	100	1,8	172	19,6
6	Koli Pura	41	5,6	42	40	1,7	43	100	4,3	126	11,6
7	Tilak Park	28	6,0	85	40	3,4	33	100	3,3	146	12,7
8	Nizamat Chowki	24	5,3	36	40	1,4	18	100	1,8	78	8,5
9	Lunia Chouraha	24	3,6	61	40	2,4	21	100	2,1	106	8,1
10	Mandi Chouraha	31	6,2	70	40	2,8	13	100	1,3	114	10,3
11	Gwaltoli	9	2,0	90	40	3,6	3	100	0,3	102	5,9
12	Saide Mian Sagoni	28	3,6	68	40	2,7	20	100	2	116	8,4
13	Rathore Chouraha	28	5,4	65	40	2,6	11	100	1,1	104	9,1
14	Haddi Mill	5	0,7	20	40	0,8	6	100	0,6	31	2,1
15	Housing Board Colony	4	0,5	36	40	1,4	11	100	1,1	51	3,0
	GRAND TOTAL	592	106	874		35	243		24	1709	166

Operation of the street lighting fixtures in the Sehore Municipal Corporation:

- *Wiring: all single*
- *Ballast are all magnetic ballast*
- *Manual on/off switching*