

ANNEXURE V

List of components of Solar LED Street Lighting / Flood Lighting System Approved for Installation work. [Applicable for all Empaneled Agencies]

Category	Make and Model No. of the Luminaire	Make and Model No. of PV Modules	Make and Model No. of Batteries	Make and Model No. of LED
Model A	<ol style="list-style-type: none"> Bajaj Electricals – LIT P 21L WH HW LF MP Philips – BRP501 LED60S Solar CW Usha Electronics – LUXION SL 14W BAJAJ ELECTRICALS - BSS LIT P 21L WH HW LF MP Ammini Solar – LEDon14 W 	<ol style="list-style-type: none"> Insolation Energy Pvt Ltd – LFV12VS60W/80W Innovative Solar Solutions Ltd. – INV-P-12V-60Wp/80Wp Rhine – RSL36C-60Wp Ritika Systems Pvt Ltd –RSPLM12CP60 Sri Savitr Solar Pvt. Ltd.– SSSPL-60 Ameya Solar & Semiconductors – ASSPL-1230*2Nos (60Wp) Waaree Energies Ltd.– WS-60/12V Icon Solar-En Power Technologies Private Ltd. – ISEN 75 	<ol style="list-style-type: none"> Bodhi Energy Solutions– BES- LP-1224, BES-LP-1225-IFR32700-6000mAh – 2 Nos TRONTEK – TKLi-1230 RCRS Innovations Pvt Ltd.- EXG12830L (384 Wh) Evolute Solutions Pvt Ltd. – LLF-C26000-4S5P (12.8V, 30 Ah) Fusion Power Systems – ATLP1230 Future Hi-Tech Batteries Limited – FR167, (12.8vx42 Ah=537Wh) Explore Synergy Synocare - ESPL12836 	<ol style="list-style-type: none"> BRIDGELUX – BXEP-27E-525-06A OSRAM–GW CSSRM2.EM OSRAM, Model – DURIS S8 (5W)
Model B	<ol style="list-style-type: none"> Philips – BRP710 LED30 CW 60MO PDIM30 BLE SOLAR IN Ecomate Energy Solutions – ECOMATE AIO16W 	<ol style="list-style-type: none"> Insolation Energy Pvt Ltd – LFV12VS60W Innovative Solar Solutions Ltd. – INV-P-12V-60Wp Rhine – RSL36C-60Wp Ritika Systems Pvt Ltd –RSPLM12CP60 Sri Savitr Solar Pvt. Ltd. – SSSPL-60 Ameya Solar & Semiconductors– ASSPL- 1230*2Nos (60Wp) Waaree Energies Ltd – WS-60/12V Icon Solar-En Power Technologies Private Ltd. – ISEN 75 Greenbrilliance Renewable Energy LLP – GBPLC-36-060 	<ol style="list-style-type: none"> Bodhi Energy Solutions– BES- LP-1224, BES-LP-1225-IFR32700-6000mAh – 2 Nos or BES-LP-1230, IFR32700-6000mAh (384 Wh) TRONTEK – TKLi-1230 RCRS Innovations Pvt Ltd. - EXG12830L Evolute Solutions Pvt Ltd – LLF-C26000-4S5P Fusion Power Systems– ATLP1230 Future Hi-Tech Batteries Limited – FR167 Explore Synergy Synocare - ESPL12836 	<ol style="list-style-type: none"> BRIDGELUX – BXEP-27E-525-06A OSRAM–GW CSSRM2.EM OSRAM– DURIS S8 (5W) BRIDGELUX – SMD5050/BXEP-57C
Model C	<ol style="list-style-type: none"> Ecomate Energy Solutions - Ecomate 24W Philips – BRP501 LED60S SOLAR CW Usha Electronics– LUXION 20W BAJAJ ELECTRICALS - BSS LIT P30L WH HW LF MP Ammini Solar – LEDon20 W 	<ol style="list-style-type: none"> Innovative Solar Solutions Ltd – INV-P-12V-100W/125W Insolation Energy Pvt Ltd – LFV12VS100 W /125 W Rhine Solar Ltd.– RSL36C-100Wp Sri Savitr Solar Pvt. Ltd. – SSSPL-100 Ameya Solar & Semiconductors – ASSPL-12100 	<ol style="list-style-type: none"> Bodhi Energy Solutions– BES- LP-1224, BES-LP-1225, 2 Nos TRONTEK, Model – TKLi-1242 RCRS Innovations Pvt Ltd- EXG12842L; Evolute Solutions Pvt Ltd. – LLF-C26000-4S7P (12.8 V, 42 Ah) Future Hi-Tech Batteries Limited – FR210 – 12.8 V, 60 Ah 	<ol style="list-style-type: none"> Osram Opto Semiconductors- OSRAM/GWCSSRM2.EM OSRAM, Model – DURIS S5 (1W) BRIDGELUX - BXEP-27E-525-06A

		7. Icon Solar-En Power Technologies Private Ltd.– ISEN 125	6. Fusion Power Systems , ATLP1224 (307 Wh x 2 Nos)	
Model D	<ol style="list-style-type: none"> 1. Ecomate Energy Solutions– Ecomate 30W 2. Philips, Model – BRP501 LED60S SOLAR CW 3. Usha Electronics– LUXION 24W 4. BAJAJ ELECTRICALS - BSS LIT P37L WH HW LF MP 	<ol style="list-style-type: none"> 1. Innovative Solar Solutions Ltd INV-P-12V-100wp/125wp 2. Insolation Energy Pvt Ltd – LFV12VS100 W /125 W 3. Rhine solar Ltd. – RSL36C-100Wp 4. Sri Savitr Solar Pvt. Ltd. – SSSPL-100 5. Ameya Solar & Semiconductors– ASSPL-12100 6. Waaree Energies Ltd. – WS-100/12V 7. Icon Solar-En Power Technologies Private Ltd. - ISEN 125 	<ol style="list-style-type: none"> 1. BODHI ENERGY SOLUTIONS– BES-LP-1224, or BES-LP-1225, 2 Nos 2. TRONTEK, Model – TKLi-1242 3. RCRS Innovations Pvt Ltd. - EXG12842L 4. Evolute Solutions Pvt Ltd. – LLF-C26000-4S7P 5. Future Hi-Tech Batteries Limited – FR210 6. Explore Synergy Synocare- ESPL12848 	<ol style="list-style-type: none"> 1. Osram Opto semiconductors – OSRAM/GWSSRM2.EM 2. OSRAM– DURIS S8 (5W) 3. BRIDGELUX - BXEP-27E-525-06A
Model E	<ol style="list-style-type: none"> 1. Ecomate Energy Solutions– Ecomate 35W 2. Philips, Model – BRP501 LED60S SOLAR CW 3. Usha Electronics– LUXION 35W 4. BAJAJ ELECTRICALS - BSS LIT P52L WH HW LF MP 	<ol style="list-style-type: none"> 1. Insolation Energy Pvt Ltd – LFV12VS120 2. Innovative Solar Solutions Ltd - INV-P-12V-125wp 3. Rhine Solar Ltd.– RSL36C-120Wp 4. Sri Savitr Solar Pvt. Ltd. – SSSPL-120 5. Ameya Solar & Semiconductors– ASSPL-12125 6. Waaree Energies Ltd., Model – WS-120/12V 7. Icon Solar-En Power Technologies Private Ltd. – ISEN 150 	<ol style="list-style-type: none"> 1. BODHI ENERGY SOLUTIONS – BES-LP-1224, or BES-LP-1225 - 3 Nos. 2. TRONTEK, Model – TKLi-1260, TKLi 1272 3. RCRS Innovations Pvt Ltd., - EXG12860L 4. Future Hi-Tech Batteries Limited – FR167 – 12.8 V, 42Ah – 2 Nos 5. Explore Synergy Synocare - ESPL12866 	<ol style="list-style-type: none"> 1. Bridgelux Inc. – SMD 5050/BXEP-57C 2. OSRAM – GW CSSRM2.EM 3. OSRAM, Model – DURIS S5 (1W) 4. BRIDGELUX - BXEP-27E-525-06A
Model F	<ol style="list-style-type: none"> 1. Philips– BRP502 LED82 SOLAR CW 2. Usha Electronics, Model – LUXION SL 50W 3. BAJAJ ELECTRICALS - BSS LIT P75L WH HW LF MP 	<ol style="list-style-type: none"> 1. Rhine Solar Ltd.– RSL36F-160Wp 2. Innovative Solar Solutions – INV-P-12V-160Wp 3. Sri Savitr Solar Pvt. Ltd.– SSSPL-150 4. Ameya Solar & Semiconductors – ASSPL-12150 5. Waaree Energies Ltd. – WS-75/12V * 2Nos 6. Icon Solar-En Power Technologies Private Ltd. – ISEN200 	<ol style="list-style-type: none"> 1. TRONTEK, Model – TKLi-1290 2. RCRS Innovations Pvt Ltd. - EXG12890L 3. Future Hi-Tech Batteries Limited – FR210, - 2 Nos 4. Explore Synergy Synocare - ESPL12896 5. Bodhi Energy Solutions - BES-LP-1224, or BES-LP-1225 –4 Nos, IFR32700-6000mAh (1152 Wh) 	<ol style="list-style-type: none"> 1. OSRAM – GW CSSRM2.EM 2. OSRAM, Model – DURIS S8 (5W) 3. BRIDGELUX - BXEP-27E-525-06A
Model G	<ol style="list-style-type: none"> 1. Ecomate Energy Solutions– Ecomate 70W 2. Philips– BRP503 LED100S SOLAR CW 3. Usha Electronics, Model – 	<ol style="list-style-type: none"> 1. Insolation Energy Pvt Ltd – LFV24VS200W/250W/260W 2. Innovative Solar Solutions Ltd - INV-P-24V-200wp/260Wp 3. Ritika Systems Pvt Ltd 	<ol style="list-style-type: none"> 1. BODHI ENERGY SOLUTIONS – BES-LP-1224, or BES-LP-1225 – 6 Nos. 2. TRONTEK, – TKLi-1272 x 2 Nos 3. RCRS Innovations Pvt Ltd. - EXG12836L x 2Nos x 2units 	<ol style="list-style-type: none"> 1. Bridgelux Inc. – SMD 5050/BXEP-57C 2. OSRAM – GW CSSRM2.EM 3. OSRAM- DURIS S8 (5W)

	<p>LUXION SL 70W</p> <p>4. BAJAJ ELECTRICALS - BSS LIT P105L WH HW LF MP</p>	<p>–RSPLM24CP200</p> <p>4. Sri Savitr Solar Pvt. Ltd. - SSSPL-100 *2 Nos</p> <p>5. Ameya Solar & Semiconductors – ASSPL-24200</p> <p>6. Waaree Energies Ltd. – WS-200/24V</p> <p>7. Icon Solar-En Power Technologies Private Ltd. – ISEN 250</p>	<p>4. Future Hi-Tech Batteries Limited – FR210, 3 Nos</p> <p>5. Explore Synergy Synocare - ESPL12872, 2 Nos</p>	<p>4. BRIDGELUX - BXEP-27E-525-06A.</p>
Model H	<p>1. Philips– BRP504 LED120S SOLAR CW</p> <p>2. Usha Electronics, Model – LUXION SL 80W</p> <p>3. BAJAJ ELECTRICALS - BSS LIT P120L WH HW LF MP</p>	<p>1. Rhine Solar Ltd.– RSL60FM-320Wp</p> <p>2. Innovative Solar Solutions – INV-P-12V-125Wp*2 Nos</p> <p>3. Sri Savitr Solar Pvt. Ltd.– SSSPL-125 *2 Nos</p> <p>4. Ameya Solar & Semiconductors- ASSPL-24250</p> <p>5. Waaree Energies Ltd. – WS-250/24V</p> <p>6. Icon Solar-En Power Technologies Private Ltd. – ISEN 300</p>	<p>1. TRONTEK, Model – TKLi-1284 x 2 Nos</p> <p>2. RCRS Innovations Pvt Ltd. - EXG12842L x 2 Nos x 2 units</p> <p>3. Future Hi-Tech Batteries Limited – FR210, -3 Nos</p> <p>4. Explore Synergy Synocare - ESPL12890, -2 Nos</p>	<p>1. OSRAM – GW CSSRM2.EM</p> <p>2. OSRAM - DURIS S8 (5W)</p> <p>3. BRIDGELUX - BXEP-27E-525-06A</p>
Model I	<p>1. Ecomate Energy Solutions– Ecomate 35W x 3 Nos</p> <p>2. Philips– BRP501 LED60S SOLAR CW x 3 Nos</p> <p>3. Usha Electronics Systems – LUXION 35W *3 Nos</p> <p>4. BAJAJ ELECTRICALS - BSS LIT P52L WH HW LF MP x 3 Nos</p>	<p>1. Insolation Energy Pvt. Ltd. – LfV12VS120W x 3 Nos</p> <p>2. Innovative Solar Solutions Ltd. - INV-P-12V-125Wp x 3 Nos.</p> <p>3. Rhine Solar Ltd. – RSL36C-120Wp x 3 Nos.</p> <p>4. Sri Savitr Solar Pvt. Ltd. – SSSPL-120 *3 Nos</p> <p>5. Ameya Solar & Semiconductors – ASSPL-12125*3 Nos</p> <p>6. Waaree Energies Ltd. – WS-120/12V*3 Nos</p> <p>7. Icon Solar-En Power Technologies Private Ltd. – ISEN 150 x 3 Nos</p>	<p>1. BODHI ENERGY SOLUTIONS - BES-LP-1224, or BES-LP-1225, 3x 3 Nos-</p> <p>2. TRONTEK– TKLi-1260; TRONTEK– TKLi-1272, 3 Nos</p> <p>3. RCRS Innovations Pvt Ltd.- EXG12860L*3 Nos</p> <p>4. Future Hi-Tech Batteries Limited – FR167, -3 Nos.</p> <p>5. Explore Synergy Synocare - ESPL12866, 3 Nos</p>	<p>1. Bridgelux Inc. – SMD 5050/BXEP-57C</p> <p>2. OSRAM – GW CSSRM2.EM</p> <p>3. OSRAM, Model – DURIS S5 (1W)</p> <p>4. BRIDGELUX - BXEP-27E-525-06A, 6W</p>
Model J	<p>1. Philips– BRP502 LED82 SOLAR CW x 3 Nos</p> <p>2. Usha Electronics – LUXION SL 50W x 3 Nos</p> <p>3. BAJAJ ELECTRICALS - BSS LIT P75L WH HW LF MP x 3 Nos</p>	<p>1. Rhine Solar Ltd. – RSL36F-160Wp x 3 Nos.</p> <p>2. Innovative Solar Solutions – INV-P-12V-160Wp*3 Nos</p> <p>3. Sri Savitr Solar Pvt. Ltd., Model – SSSPL-150 *3 Nos</p>	<p>1. TRONTEK, Model – TKLi-1290, 3 Nos</p> <p>2. RCRS Innovations Pvt Ltd.- EXG12890L*3 Nos</p> <p>3. Future Hi-Tech Batteries Limited – FR167 x 3 Nos x 3 units</p>	<p>1. OSRAM – GW CSSRM2.EM</p> <p>2. OSRAM– DURIS S8 (5W)</p> <p>3. BRIDGELUX - BXEP-27E-525-06A</p>

		<ol style="list-style-type: none"> 4. Ameya Solar & Semiconductors– ASSPL-12150*3 Nos 5. Waaree Energies Ltd. – WS-75/12V*6 Nos 6. Icon Solar-En Power Technologies Private Ltd – ISEN 200 x 3 Nos 	<ol style="list-style-type: none"> 4. Explore Synergy Synocare - ESPL12896 x 3 Nos 5. Bodhi Energy Solutions - BES-LP-1224, or BES-LP-1225 –4 Nos, IFR32700-6000mAh (1152 Wh) x 3 Nos 	
Model K	<ol style="list-style-type: none"> 1. Philips– BRP502 LED82 SOLAR CW x 4 Nos 2. Usha Electronics– LUXION SFL50W x 4 Nos 3. BAJAJ ELECTRICALS - BSS LIT P75L WH HW LF MP x 4 Nos 	<ol style="list-style-type: none"> 1. Rhine Solar Ltd. – RSL36F-160Wp x 4 Nos. 2. Innovative Solar Solutions – INV-P-12V-160W x 4 Nos 3. Sri Savitr Solar Pvt. Ltd., Model – SSSPL-150 x 4 Nos 4. Ameya Solar & Semiconductors – ASSPL-12150 x 4 Nos 5. Waaree Energies Ltd. – WS-75/12V x 8 Nos 6. Icon Solar-En Power Technologies Private Ltd. – ISEN 250 x 4 Nos 	<ol style="list-style-type: none"> 1. TRONTEK, Model – TKLi-1290, 4 Nos 2. RCRS Innovations Pvt Ltd.- EXG12890L*4 Nos 3. Future Hi-Tech Batteries Limited – FR167 x 3 Nos, 4 units 4. Explore Synergy Synocare - ESPL12896 – 4 Nos 5. Bodhi Energy Solutions - BES-LP-1224, or BES-LP-1225 –4 Nos, IFR32700-6000mAh (1152 Wh) x 4 Nos 	<ol style="list-style-type: none"> 1. OSRAM – GW CSSRM2.EM 2. OSRAM – DURIS S8 (5W) 3. BRIDGELUX - BXEP-27E-525-06A
Model L	<ol style="list-style-type: none"> 1. Ecomate Energy Solutions– Ecomate 70W x 3 Nos 2. Philips– BVP483LED150 CW SWB SOLAR x 3 Nos 3. Usha Electronics – LUXION SFL70W x 3 Nos 4. BAJAJ ELECTRICALS - BSS LIT P105L WH HW LF MP x 3 Nos 	<ol style="list-style-type: none"> 1. Insolation Energy Pvt Ltd – LFV24VS200W/250W/260W x 3 Nos 2. Innovative Solar Solutions Ltd - INV-P-24V-200wp/260Wp x 3 Nos. 3. Ritika Systems Pvt Ltd –RSPLM24CP200 x3 Nos 4. Sri Savitr Solar Pvt. Ltd., Model – SSSPL-100 x 6 Nos 5. Ameya Solar & Semiconductors – ASSPL- 24200 x 3Nos 6. Waaree Energies Ltd, Model – WS-200/24V x 3 Nos 7. Icon Solar-En Power Technologies Private Ltd. – ISEN 250 x 3 Nos 	<ol style="list-style-type: none"> 1. BODHI ENERGY SOLUTIONS - BES-LP-1224, or BES-LP-1225 - 6 x 3Nos- 2. TRONTEK– TKLi-1272 x 2 Nos x 3 units 3. RCRS Innovations Pvt Ltd. - EXG12836L x 4 Nos x 3 units 4. Future Hi-Tech Batteries Limited – FR167 x 4 Nos x 3 units 5. Explore Synergy Synocare - ESPL12872 x 2 Nos x 3 units 	<ol style="list-style-type: none"> 1. Bridgelux Inc. – SMD 5050/BXEP-57C 2. OSRAM – GW CSSRM2.EM 3. OSRAM, Model – DURIS S8 (5W) 4. BRIDGELUX - BXEP-27E-525-06A
Model M	<ol style="list-style-type: none"> 1. Ecomate Energy Solutions– Ecomate 70W x 4 Nos 2. Philips– BVP483LED150 CW SWB SOLAR x 4 Nos 3. Usha Electronics– LUXION SFL70W x 4 Nos 4. BAJAJ ELECTRICALS - BSS LIT P105L WH HW LF MP x 4 Nos 	<ol style="list-style-type: none"> 1. Insolation Energy Pvt Ltd – LFV24VS200W/250W/260W x 4 Nos 2. Innovative Solar Solutions Ltd - INV-P-24V-200wp/260Wp x 4 Nos. 3. Ritika Systems Pvt Ltd –RSPLM24CP200 x4 Nos. 4. Sri Savitr Solar Pvt. Ltd., Model – SSSPL-100 x 8 Nos 	<ol style="list-style-type: none"> 1. BODHI ENERGY SOLUTIONS - BES-LP-1224, or BES-LP-1225 - 6 x 4 Nos 2. TRONTEK– TKLi-1272 x 2 Nos x4 units 3. RCRS Innovations Pvt Ltd. - EXG12836L x 4 Nos x 4 units 4. Future Hi-Tech Batteries Limited – FR167x 4 Nos x 4 units. 	<ol style="list-style-type: none"> 1. Bridgelux Inc. – SMD 5050/BXEP-57C 2. OSRAM – GW CSSRM2.EM 3. OSRAM – DURIS S8 (5W) 4. BRIDGELUX - BXEP-27E-525-06A

		<ol style="list-style-type: none"> 5. Ameya Solar & Semiconductors – ASSPL-24200 x 4 Nos 6. Waaree Energies Ltd– WS-200/24V x 4 Nos 7. Icon Solar-En Power Technologies Private Ltd. – ISEN 250 x 4 Nos 	<ol style="list-style-type: none"> 5. Explore Synergy Synocare - ESPL12872 , -2 Nos x 4 units 	
Model N	<ol style="list-style-type: none"> 1. Philips– BVP483LED150 CW SWB SOLAR x 4 Nos 2. Usha Electronics - LUXION SFL80W, (80W*4 Nos) 3. BAJAJ ELECTRICALS - BSS LIT P120L WH HW LF MP x 4 Nos 	<ol style="list-style-type: none"> 1. Rhine Solar Ltd. – RSL60FM-320Wp x 4 Nos 2. Innovative Solar Solutions– INV-P-12V-125Wp x 8 Nos 3. Sri Savitr Solar Pvt. Ltd. – SSSPL-125 x 8 Nos 4. Ameya Solar & Semiconductors – ASSPL-24250 x 4 Nos 5. Waaree Energies Ltd. – WS-250/24V x 4 Nos 6. Icon Solar-En Power Technologies Private Ltd. - ISEN 300 x 4 Nos 	<ol style="list-style-type: none"> 1. TRONTEK– TKLi-1284 x 2 Nos x 4 units 2. RCRS Innovations Pvt Ltd. EXG12842L x 4Nos x 4 units 3. Future Hi-Tech Batteries Limited – FR210 x 3 Nos x 4 units 4. Explore Synergy Synocare - ESPL12890 x 2 Nos x 4 units, 	<ol style="list-style-type: none"> 1. OSRAM – GW CSSRM2.EM 2. OSRAM, Model – DURIS S8 (5W) 3. BRIDGELUX - BXEP-27E-525-06A -
Model O	<ol style="list-style-type: none"> 1. Ecomate Energy Solutions– Ecomate 30W x 2 Nos 2. Usha Electronics– LUXION SL 25W 3. BAJAJ ELECTRICALS - BSS LIT P37L WH HW LF MP 	<ol style="list-style-type: none"> 1. Innovative Solar Solutions Ltd INV-P-12V-100wp/125wp x 2 Nos 2. Sri Savitr Solar Pvt. Ltd. – SSPL-12100 x 2 Nos 3. Ameya Solar & Semiconductors– ASSPL-100 x 2 Nos 4. Waaree Energies Ltd. – WS-100/12V x 2 Nos 5. Icon Solar-En Power Technologies Private Ltd. - ISEN 125 x 2 Nos 	<ol style="list-style-type: none"> 1. BODHI ENERGY SOLUTIONS– BES-LP-1224, or BES-LP-1225, 4 Nos – IFR32700-6000mAh 2. RCRS Innovations Pvt Ltd. - EXG12842L x 2 Nos 3. Evolute Solutions Pvt Ltd. – LLF-C26000-457P x 2 Nos 4. Explore Synergy Synocare- ESPL12848 x 2 Nos 	<ol style="list-style-type: none"> 1. Osram Opto semiconductors – OSRAM/GWCSSRM2.EM or GWCSSRM2.PM 2. OSRAM– DURIS S8 (5W) 3. BRIDGELUX - BXEP-27E-525-06A