

## **SCHEDULE-A**

<b>Name of Work:</b> <b>SR to Various LED Fittings at Various Minister bungalow at Minister Site, Gandhinagar (For One Year As per Requirement)</b>
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**Schedule showing (approximately) the materials to be supplied from the Public Works Store for work Contracted to be executed and the rates at which they are to be charged for**

Particulars	Approximate quantity	Rate a which the materials will be charged the contractor		Place of Delivery
NIL	NIL	NIL	NIL	NIL

**Sign of Contractor**

**Deputy Executive Engineer  
SC Electrical sub division No. 1  
Gandhinagar**

**Executive Engineer  
Sachivalaya Complex Electrical Division  
Gandhinagar**

## **SCHEDULE-B**

<b><u>Name of Work:</u></b>			<b>SR to Various LED Fittings at Various Minister bungalow at Minister Site, Gandhinagar (For One Year As per Requirement)</b>				
<b>Item No</b>	<b>Qty</b>		<b>Item</b>	<b>Rate in Figure &amp; Word</b>		<b>Unit</b>	<b>Amount</b>
1A	40	Nos.	Replacing old and u/s by Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/ aluminium die cast powder coated and high U.V. & corrosion resistance with diffuser with company mark/name 160V to 270V, Power Factor more than 0.95, THD < 15%, CCT 3000 K to 6500K, Luminaire efficacy > 85 lumens/watt ,LED driver efficiency > 85 % ( fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (Make: Philips, Jaquar, Havells, Osram, Wipro, Crompton) (A) Tube Light with integral driver (i) 5-10 Watts, Surge-2 KV, IP-20, conventional 1 to 2 feet Cat III	165.64	Rupees One Hundred Sixty Five And Paise Sixty Four Only	Each	<b>6625.6</b>
1B	250	Nos.	.-----do-----, (iii) 18-20 Watts, Surge - 2KV, IP-20, conventional 4 feet Cat III	295.93	Rupees Two Hundred Ninety Five And Paise Ninety Three Only	Each	<b>73982.5</b>
2A	40	Nos.	Replacing old and u/s by Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/aluminium pressure die cast powder coated and high U.V. & corrosion resistance with diffuser housed in aluminium casted body with company mark/name 160V to 270V, Power Factor more than 0.95, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy > 85 lumens/watt ,LED driver efficiency > 85 %( fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (Make: Philips, Jaquar, Havells, Osram, Wipro, Crompton) (A) Square/ Circular shaped Surface/Recessed Mount Downlight with provision for spring loaded mounting clips complete. IP20 (ii) 11-15 watts, Surge-2 KV Cat III	427.23	Rupees Four Hundred Twenty Seven And Paise Twenty Three Only	Each	<b>17089.2</b>
2B	80	Nos.	.-----do-----, (iii) 16-20 watts, Surge-2 KV Cat III	589.84	Rupees Five Hundred Eighty Nine And Paise Eighty Four Only	Each	<b>47187.2</b>
2C	40	Nos.	.-----do-----, (iv) 22-24 watts, Surge-2 KV Cat III	758.51	Rupees Seven Hundred Fifty Eight And Paise Fifty One Only	Each	<b>30340.4</b>

Item No	Qty		Item	Rate in Figure & Word		Unit	Amount
3	30	Nos.	Replacing old and u/s by Supplying and erecting LED street light / Flood light fittings with High power White LEDs wattage of 3 Watt and above assembled on single MCPCB, efficiency more than 130 lm/w and corrosion free High pressure die cast aluminum housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses, with toughened glass with company mark/name engraved or embossed 160 to 270 V,Power Factor more than 0.95, THD < 10 %, CCT 3000 K to 5700K, Uniformity ratio >0.45, Luminaire efficacy> 100 lumens/watt . LED driver efficiency > 85 %.( fittings required LM-79 & LM-80 certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (Make: Philips, Jaquar, Havells, Osram, Wipro, Crompton) (B) Flood Light (IP-65), Surge protection -4KV integral and ,Light must have 440VAC line supply with over-voltage protect (iv) above 90 to 120 watts Cat III	7266.95	Rupees Seven Thousand Two Hundred Sixty Six And Paise Ninety Five Only	Each	<b>218008.5</b>
4	40	Nos.	Replacing old and u/s by Supplying and erecting LED street light / Flood light fittings with High power White LEDs wattage of 3 Watt and above assembled on single MCPCB, efficiency more than 130 lm/w and corrosion free High pressure die cast aluminium housing with smooth finish powder coated and heat sink extruded aluminium with diffuser and Polycarbonate optics/ lenses with company mark/name engraved or embossed 160 to 270 V,Power Factor more than 0.95, THD < 10 %, CCT 3000 K to 5700K,Uniformity ratio >0.45, Luminaire efficacy> 100 lumens/watt . LED driver efficiency > 85 %.( fittings required LM-79 & LM-80 certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (Make: Philips, Jaquar, Havells, Osram, Wipro, Crompton) (A) Street Light (IP-65), Surge protection -4KV integral and ,Light must have 440VAC line supply with over-voltage protection. (iii) above 24 to 36 watts Cat III	2201.80	Rupees Two Thousand Two Hundred One And Paise Eighty Only	Each	<b>88072</b>
5A	80	Nos.	Replacing old and u/s by Supplying and erecting led lamps with following wattage capacity of 220 to 240 voltage, minimum 15000 burning hours life, 500 V in built-surge protection,Polycarbonate diffuser, mounting suitable for E14 / E27 / B22 lamp holders, pf >= 0.5 (Make: Philips, Jaquar, Havells, Osram, Wipro, Crompton) (A) LED Lamps integral type, with PC diffuser suitable LAMP holder (i) 2 to 3 watts Cat III	69.69	Rupees Sixty Nine And Paise Sixty Nine Only	Each	<b>5575.2</b>
5B	150	Nos.	.-----do----- (ii) 5 to 8 watts Cat III	112.11	Rupees One Hundred Twelve And Paise Eleven Only	Each	<b>16816.5</b>
5C	150	Nos.	.-----do----- (iii) 10 to 15 watts Cat III	188.87	Rupees One Hundred Eighty Eight And Paise Eighty Seven Only	Each	<b>28330.5</b>

Item No	Qty		Item	Rate in Figure & Word		Unit	Amount
6A	30	Nos.	Replacing old and u/s by Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/aluminium pressure die cast powder coated and high U.V. & corrosion resistance with diffuser housed in aluminium casted body with company mark/name 160V to 270V, Power Factor more than 0.95, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy > 85 lumens/watt, LED driver efficiency > 85 % ( fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (Make: Philips, Jaquar, Havells, Osram, Wipro, Crompton) (I) Adjustable spot light with COB led having aluminium reflector of following wattage (ii) 12 Watts Cat III	966.57	Rupees Nine Hundred Sixty Six And Paise Fifty Seven Only	Each	28997.1
6B	30	Nos.	.-----do----- (I) Adjustable spot light with COB led having aluminium reflector of following wattage (i) 8 Watts Cat III	859.51	Rupees Eight Hundred Fifty Nine And Paise Fifty One Only	Each	25785.3
6C	100	Mtr	.-----do----- (D) LED Strip Light (i) Minimum 4.8W-120 LED per meter (2 wire, IP-65) with non integral suitable Driver complete Cat III	135.34	Rupees One Hundred Thirty Five And Paise Thirty Four Only	Mtr.	13534
7	20	Nos.	Supplying and erecting 2 mtr magnetic track light	733.26	Rupees Seven Hundred Thirty Three And Paise Twenty Six Only	Each	14665.2
8	5	Nos.	Supplying and erecting 2 mtr magnetic track light joint	133.32	Rupees One Hundred Thirty Three And Paise Thirty Two Only	Each	666.6
9	40	Nos.	Supplying and erecting 15 watt tiltable track light fitting	999.90	Rupees Nine Hundred Ninety Nine And Paise Ninety Only	Each	39996
<b>Total Rs :-</b>							<b>655671.80</b>
<b>Net Amount:</b>							<b>655671.80</b>
<b>Rupees Six Lakh(s) Fifty Five Thousand Six Hundred Seventy One And Paise Eighty Only</b>							

Sign of Contractor

Deputy Executive Engineer  
SC Electrical sub division No. 1  
Gandhinagar

Executive Engineer  
Sachivalaya Complex Electrical Division  
Gandhinagar

### **Dismantled Items**

<u><b>Name of Work:</b></u>		<b>SR to Various LED Fittings at Various Minister bungalow at Minister Site, Gandhinagar (For One Year As per Requirement)</b>					
<b>Sr No</b>	<b>Qty</b>		<b>DM Item</b>	<b>Rate in Figure &amp; Word</b>		<b>Unit</b>	<b>Amount</b>
1	40	Nos.	Cost of old and u/s 2 feet tubelight	6.4	Rupees Six And Paise Forty Only	Ea	256.00
2	250	Nos.	Cost of old and u/s 4 feet tubelight	11.6	Rupees Eleven And Paise Sixty Only	Ea	2900.00
3	160	Nos.	Cost of old and u/s downlighter	20.0	Rupees Twenty Only	Ea	3200.00
4	30	Nos.	Cost of old and u/s Flood light	280.0	Rupees Two Hundred Eighty Only	Ea	8400.00
5	380	Nos.	Cost of old and u/s Lamps	3.6	Rupees Three And Paise Sixty Only	Ea	1368.00
6	40	Nos.	Cost of old and u/s Street light	80.0	Rupees Eighty Only	Ea	3200.00
7	60	Nos.	Cost of old and u/s COB Light	28.0	Rupees Twenty Eight Only	Ea	1680.00
8	100	Mtr	Cost of old and u/s Strip light	4.4	Rupees Four And Paise Forty Only	Mtr	440.00
<b>Total DM Rs :-</b>							<b>₹ 21,444.00</b>
<b>DM in words</b>							
<b>Rupees Twenty One Thousand Four Hundred Forty Four Only</b>							

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**Deputy Executive Engineer  
SC Electrical sub division No. 1  
Gandhinagar**

**Executive Engineer  
SC Electrical Division  
Gandhinagar**