

# Ram Lal Thakur

01792-220480  
94180-74221

**'A' CLASS CONTRACTOR FOR H.P. STATE ELECTRICAL ENGINEER & HYDRAULIC CONTRACTOR**

Contact for : Installations of Industrial Units, DG Sets, Sub Stations & Erection of Pumping Sets

**Opp. Vipul Gas Agency, Hospital Road, , Solan-173212 (H.P.)**

Ref. No.....

Dated 23/09/2021

To

Shoolini University  
Bhajol (Solan ) H.P. 173223

This is to certify that the Energy Audit of the university was conducted and all the parameters were found OK as per the Sanctioned load of university

Sanctioned load of the University -491 KW

Connected load of the University – 370 KW

Actual load details are attached for the further clarifications

  
**RAM LAL THAKUR**  
A - Class Electrical Contractor  
Licence No A-48  
Hospital Road Solan (H.P.)

  
**Ram Lal Thakur**  
A-Class Electrical Contractor  
Hospital Road, Solan (H.P.)

**Block-A****Ground Floor 1 B Lab-1**

Light point	15 No x 18 Watts	270 W
Power point	2 No x 1000 Watts	2000 W
Fan	2 No x 80 Watts	160 W

**Bio Science Lab-1**

Light point	12 No x 18 Watts	216 W
Power point	1 No x 1000 Watts	1000 W

**BL Lab-2**

Light point	10 No x 18 Watts	180 W
Power point	2 No x 1000 Watts	2000 W
AC 1.5 Ton	1 No. x 1800 Watts	1800 W

**Offices 8 Nos.**

Light point	40 No x 18 Watts	720 W
Power point	2 No x 1000 Watts	2000 W
Fan	4 No. x 80 Watts	320 W

**Imuno Logy Lab**

Light point	22 No x 18 Watts	396 W
Power point	2 No x 1000 Watts	2000 W

**Corridor**

Light point	10 No x 18 Watts	180 W
Exhaust	1 No x 80 Watts	80 W


**Lec Theater- 201**


Light point	8 No x 18 Watts	144 W
Fan	1 No x 80 Watts	80 W

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Sub Total

13546 W

  
**RAM LAL THAKUR**  
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Hospital Road Solan (H.P.)

  
A-Class Electrical Contractor  
Hospital Road Solan (H.P.)

**Second Floor Room No. -305****ML 2 & 3**

Light point	12 No x 18 Watts	216 W
Power point	3 No x 1000 Watts	3000 W
Exhaust Fan	2 No x 80 Watts	160 W

**Faculty Room No. -306**

Light point	9 No x 18 Watts	162 W
Fan	1 No x 80 Watts	80 W

**Room No. -307**

Light point	5 No x 18 Watts	90 W
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**Lecture Theater 4 Room No. -302**

Light point	5 No x 18 Watts	90 W
Power point	1 No x 1000 Watts	1000 W
Fan	1 No x 80 Watts	80 W

**Corridor**

Light point	5 No x 18 Watts	90 W
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**Lecture Theater -301**

Light point	9 No x 18 Watts	162 W
Power point	1 No x 1000 Watts	1000 W
Fan	1 No x 80 Watts	80 W
Projector	1 No x 150 Watts	150 W


**Office -308**


Light point	3 No x 18 Watts	54 W
Power point	1 No x 1000 Watts	1000 W
Fan	1 No x 80 Watts	80 W

**Third Floor Corridor**

Light point	10 No x 18 Watts	180 W
Exhaust Fan	1 No x 80 Watts	80 W

Sub Total 7754 W

  
**RAM LAL THAKUR**  
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Sole Agent  
Solan

**Lab- 406**

Light point	8 No x 18 Watts	144 W
Power point	1 No x 1000 Watts	1000 W

**Lecture Theater 5 - 402**

Light point	6 No x 18 Watts	108 W
Fan	1 No x 80 Watts	80 W

**Deans Office- 401**

Light point	4 No x 18 Watts	72 W
Power point	1 No x 1000 Watts	1000 W
Fan	1 No x 80 Watts	80 W

**Store**

Light point	1 No x 18Watts	18 W
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**Block-B- Ground Floor 103**

Light point	10 No x 18 watts	180 W
Power point	1 No x 1000 Watts	1000 W

**Seminar Hall- 101**

Projector	3 No x 150 Watts	450 W
Light point	12 No x 18 watts	216 W
Power point	1No x 1000 Watts	1000 W

**Faculty Room**


Light point	10 No x 18 watts	180 W
Power point	1 No x 1000 Watts	1000 W


**Office**

Light point	5 No x 18 watts	90 W
Power point	1 No x 1000 Watts	1000 W

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Sub Total 7618 W

  
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<b>Corridor</b>		
Light point	5 No x 18 watts	90 W
<b>IT Lab</b>		
Light point	16 No x 18 watts	288 W
Power point	1 No x 1000 Watts	1000 W
Fan	2 No x 80 Watts	160 W
<b>Management Department - 104</b>		
Light point	5 No x 18 watts	90 W
Fan	1 No x 80 Watts	80 W
<b>Corridor</b>		
Light point	3 No x 18 watts	54 W
<b>Placement Cell:</b>		
Light point	6 No x 18 watts	108 W
Power point	1 No x 1000 Watts	1000 W
Fan	1 No x 80 Watts	80 W
<b>Room No. 102</b>		
Light point	12 No x 18 watts	216 W
Fan	2 No x 80 Watts	160 W
<b>Second Floor- Washroom Corridor</b>		
Light point	9 No x 18 watts	162 W
<b>Meditation Hall</b>		
Light point	5 No x 18 watts	90 W
Fan	1 No x 80 Watts	80 W
Fan	1 No x 80 Watts	80 W
<b>Faculty Room No. 203</b>		
Light point	8 No x 18 watts	144 W

Sub Total 3722 W

  
**RAM LAL THAKUR**  
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**Lecture Hall - 202**

Light point	6 No x 18 watts	108 W
Power point	1 No x 1000 Watts	1000 W
Fan	2 No x 80 Watts	160 W
Projector	1 No x 150 Watts	150 W

**Washroom- Store**

Light point	5 No x 18 watts	90 W
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**Corridor**

Light point	6 No x 18 watts	108 W
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**Room No. - 205**

Light point	10 No x 18 watts	180 W
Power point	3 No x 1000 Watts	3000 W
Fan	1 No x 80 Watts	80 W

**Room No. - 202**


Light point	18No x 18 watts	324 W
AC	2 No x 1800 Watts	3600 W
Exhaust Fan	1 No x 80 Watts	80 W

**Room No. - 201**

Light point	12 No x 18 watts	216 W
Power point	3 No x 1000 Watts	3000 W
Fan	3 No x 80 Watts	240 W

Sub Total 12256 W

  
**RAM LAL THAKUR**  
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Solely  
Solely  
Solely

**Second Floor- Washroom/ Corridor**

Light point	7 No x 18 watts	126 W
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**Conference Hall - 301**


Light point	36 No x 18 watts	648 W
Power point	1 No x 1000 Watts	1000 W
Fan	1 No x 80 Watts	80 W
Projector	1 No x 150 Watts	150 W

**Room No. - 302**

Light point	10 No x 18 Watts	180 W
Power point	1 No x 1000 Watts	1000 W
Fan	2 No x 80 Watts	160 W
Projector	1 No x 150 Watts	150 W

Sub Total	<hr/>	3494 W
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Hospital Road, Solan (H.P.)

**Room No. – 303- Common Room**

Light point	8 No x 18 watts	144 W
Fan	2 No x 80 Watts	160 W
Projector	1 No x 150 Watts	150 W

**Faculty Room No. - 306**

Light point	7 No x 18 watts	126 W
Fan	2 No x 80 Watts	160 W

**B- 301- LII**

Light point	8 No x 18 watts	144 W
Power point	1 No x 1000 Watts	1000 W

**Food Lab- 305**

Light point	40 No x 18 watts	720 W
Power point	2 No x 1000 Watts	2000 W
Fan	4 No x 80 Watts	320 W
Exhaust Fan	1 No x 80 Watts	80 W

**BT. - 302**

Light point	3 No x 18 watts	54 W
Fan	1 No x 80 Watts	80 W

**Fourth Floor- Washroom**

Light point	4 No x 18 watts	72 W
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**Corridor**

Light point	6 No x 18 watts	108 W
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**Room No.- MS-401**

Light point	6 No x 18 watts	108 W
Projector	1 No x 150 Watts	150 W
Fan	1 No x 80 Watts	80 W


**Room No. 402**


Light point	16 No x 18 watts	288 W
Power point	1 No x 1000 Watts	1000 W
Fan	8 No x 80 Watts	640 W

Sub Total 

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 7584 W

  
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**Canteen**

Light point	13 No x 18 watts	234 W
Power point	2 No x 1000 Watts	2000 W
Fan	2 No x 80 Watts	160 W

**Fifth Floor- Faculty Room**

Light point	5 No x 18 watts	90 W
Fan	1 No x 80 Watts	80 W

**Seminar Hall - 501**

Light point	25 No x 18 watts	450 W
Power point	1 No x 1000 Watts	1000 W
Projector	2 No x 150 Watts	300 W
AC	3 No x 1800 Watts	5400 W

**Block-C- Ground Floor**

Light point	11 No x 18 watts	198 W
Power point	1 No x 1000 Watts	1000 W
Fan	2 No x 80 Watts	160 W

**Reception**

Light point	8 No x 18 watts	144 W
Power point	1 No x 1000 Watts	1000 W

**Conference Hall:**

Light point	10 No x 18 watts	180 W
Power point	1 No x 1000 Watts	1000 W
Projector	1 No x 150 Watts	150 W
AC	1 No x 1800 Watts	1800 W
Fan	2 No x 80 Watts	160 W


**Registrar Room 4 No.**

Light point	9 No x 18 watts	162 W
Fan	1 No x 80 Watts	80 W

**Accounts Section:**

Light point	10 No x 18 watts	180 W
Fan	2 No x 80 Watts	160 W

Sub Total	16088W
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**Room No.3**

Light point	8 No x 18 watts	144 W
Fan	1 No x 80 Watts	80 W

**Control Room No.8**

Light point	2 No x 18 watts	36 W
Fan	1 No x 80 Watts	80 W

**Room No. 9**

Light point	2 No x 18 watts	36 W
Power point	1 No x 1000 Watts	1000 W
Fan	1 No x 80 Watts	80 W

**Room No. 1**

Light point	9 No x 18 watts	162 W
Power point	1 No x 1000 Watts	1000 W
Fan	1 No x 80 Watts	80 W

**Vice Chancellor Office**

Light point	10 No x 18 watts	180 W
AC	1 No x 1800 Watts	1800 W
Fan	3 No x 80 Watts	240 W

**Corridor/Pantry**

Light point	10 No x 18 watts	180 W
Power point	1 No x 1000 Watts	1000 W
Fan	2 No x 80 Watts	160 W


**Boys Hostel – Arya Bhatt**


Light point	16 No x 18 watts	288 W
Fan	2 No x 80 Watts	160 W

**Warden Room**

Light point	3 No x 18 watts	54 W
Fan	1 No x 80 Watts	80 W

Sub Total 6840 W

  
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**8 No. Guest Rooms**

Light point	16 No x 18 watts	288 W
Power point	8 No x 1000 Watts	8000 W
Fan	8 No x 80 Watts	640 W

**Bath Rooms- 26 Nos.**

Light point	20 No x 18 watts	1600 W
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**Boys MESS**

Light point	18 No x 18 watts	324 W
5 A Plug point	3 No x 1000 Watts	3000 W
Fan	6No x 80 Watts	480 W

**D- Block- Ground Floor****Pantry Rooms**

Light point	2 No x 18 watts	36 W
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**Corridor**


Light point	5 No x 18 watts	90 W
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**Faculty Room – 104 MS**

Light point	8 No x 18 watts	144 W
Power point	8 No x 1000 Watts	8000 W
AC 1.5 Ton	1 No x 1800 Watts	1800 W

Sub Total 24402 W

  
**RAM LAL THAKUR**  
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[Faint, illegible text]

**Lecture Hall-R/1-PH-105**

Light point	8 No x 18 watts	144 W
Power point	1 No x 1000 Watts	1000 W
Fan	4 No x 80 Watts	320 W
Projector	1 No x 150 Watts	150 W

**R/2-PH-106**

Light point	9 No x 18 watts	162 W
Power point	1 No x 1000 Watts	1000 W
Fan	4 No x 80 Watts	320 W
Projector	1 No x 150 Watts	150 W

**First Floor- PH-201- Lab-UG**

Light point	18 No x 18 watts	324 W
Power point	1 No x 1000 Watts	1000 W
Fan	4 No x 80 Watts	320 W

**PH-202-**

Light point	4 No x 18 watts	72 W
Power point	1 No x 1000 Watts	1000 W

**Lecture Theater PH-203**

Light point	6 No x 18 watts	108 W
Power point	1 No x 1000 Watts	1000 W
Fan	4 No x 80 Watts	320 W
Projector	1 No x 150 Watts	150 W

**Corridor**

Light point	5 No x 18 watts	90 W
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**PH-204**

Light point	8 No x 18 watts	144 W
Power point	1 No x 1000 Watts	1000 W
Projector	1 No x 150 Watts	150 W

**Lab-205 & 206**

Light point	20 No x 18 watts	360 W
Power point	2No x 1000 Watts	2000 W

Sub Total 11284 W

  
**RAM LAL THAKUR**  
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**Chemistry Lab - 207**

Light point	20 No x 18 watts	360 W
Power point	1 No x 1000 Watts	1000 W
Fan	4 No x 80 Watts	320 W
Exhaust Fan	1 No x 80 Watts	80 W

**Aseptic Room**

Light point	4 No x 18 watts	72 W
Air Curtain	1 No x 500 Watts	500 W

**Second Floor- PH-301- LAB**

Light point	18 No x 18 watts	324 W
Power point	4 No x 1000 Watts	4000 W
Fan	4 No x 80 Watts	320 W

**PH-302**

Light point	5 No x 18 watts	90 W
Power point	1 No x 1000 Watts	1000 W
Fan	1 No x 80 Watts	80 W

**PH-303**

Light point	16 No x 18 watts	288 W
Power point	1 No x 1000 Watts	1000 W
Fan	4 No x 80 Watts	320 W


**PH-304**


Light point	6 No x 18 watts	108 W
Power point	1 No x 1000 Watts	1000 W

**Lecture Hall- PH- 306**

Light point	8 No x 18 watts	144 W
Power point	1 No x 1000 Watts	1000 W
Fan	3 No x 80 Watts	240 W

Sub Total 12246 W

  
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**Corridor**

Light point	5 No x 18 watts	90 W
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**Third Floor- PH-401-LAB**

Light point	20 No x 18 watts	360 W
Power point	12 No x 1000 Watts	12000 W
Fan	4 No x 80 Watts	320 W
Exhaust Fan	2 No x 80 Watts	160 W

**Room No. 402**

Light point	4 No x 18 watts	72 W
Power point	1 No x 1000 Watts	1000 W

**Corridor**

Light point	8 No x 18 watts	144 W
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**Faculty Room- 405**

Light point	10 No x 18 watts	180 W
Fan	1 No x 80 Watts	80 W

**406-LAB**

Light point	8 No x 18 watts	144 W
Power point	4No x 1000 Watts	4000 W
Fan	4 No x 80 Watts	320 W


**407-LAB**


Light point	14 No x 18 watts	252 W
Power point	10 No x 1000 Watts	10000 W
Fan	3 No x 80 Watts	240 W
Exhaust Fan	2 No x 100 Watts	200 W

**E-Block**


Light point	20 No x 18 watts	360 W
Power point	6No x 1000 Watts	6000 W


Sub Total	35922 W
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 Electrical Contractor  
 Solan (H.P.)

Light point	22 No x 18 watts	396 W
Power point	8 No x 1000 Watts	8000 W
Fan	4 No x 80 Watts	320 W
<b>Corridor</b>		
Light point	8 No x 18 watts	144 W
<b>ET-403- LAB</b>		
Light point	30 No x 18 watts	540 W
Power point	2 No x 1000 Watts	2000 W
Fan	5 No x 80 Watts	400 W
<b>Office</b>		
Light point	76No x 18 watts	108 W
Power point	1 No x 1000 Watts	1000 W
Fan	1 No x 80 Watts	80 W
<b>Corridor</b>		
Light point	6 No x 18 watts	108 W
<b>ET-301-LH</b>		
Light point	5 No x 18 watts	90 W
Power point	1 No x 1000 Watts	1000 W
Fan	4 No x 80 Watts	320 W
<b>ET-302</b>		
Light point	35 No x 18 watts	630 W
Power point	2 No x 1000 Watts	2000 W
	Sub Total	17136 W

  
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Light point	10 No x 18 watts	180 W
Power point	2 No x 1000 Watts	2000 W

**ETB-304-Chemistry LAB**

Light point	20 No x 18 watts	360 W
Power point	1 No x 1000 Watts	1000 W
Fan	4 No x 80 Watts	320 W
Exhaust Fan	2 No x 100 Watts	200 W

**ETB-305-Chemistry LAB**

Light point	2 No x 18 watts	36 W
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**ETB-306- LAB**

Light point	20 No x 18 watts	360 W
Power point	1 No x 1000 Watts	1000 W
Fan	4 No x 80 Watts	320 W

**ETB-201- LAB**

Light point	40 No x 18 watts	720 W
Fan	4 No x 80 Watts	320 W

**ETB-202- FR**

Light point	6 No x 18 watts	108 W
Power point	1 No x 1000 Watts	1000 W
Fan	1 No x 80 Watts	80 W

**Corridor**

Light point	2 No x 18 watts	36 W
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Sub Total	<hr/>	8040 W
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Light point	20 No x 18 watts	360 W
Power point	1 No x 1000 Watts	1000 W
Fan	2 No x 80 Watts	160 W

**ETB-205- IT-LAB**

Light point	30 No x 18 watts	540 W
Power point	1 No x 1000 Watts	1000 W

**ETB-206- Server Room**

Light point	10 No x 18 watts	180 W
Power point	3 No x 1000 Watts	3000 W
Fan	1 No x 80 Watts	80 W

AC 1.5 Ton	1 No x 1800 Watts	1800 W
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**ETB-207- IT-LAB**

Light point	40 No x 18 watts	720 W
Power point	1 No x 1000 Watts	1000 W
Fan	4 No x 80 Watts	320 W

**Corridor**

Light point	6 No x 18 watts	108 W
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**ETB-102-Seminar Hall**

Light point	10 No x 18 watts	180 W
Power point	1 No x 1000 Watts	1000 W
Fan	4 No x 80 Watts	320 W
Projector	1 No x 150 Watts	150 W

**Administrative Office- FR-103**

Light point	20 No x 18 watts	360 W
Power point	1 No x 1000 Watts	1000 W
Fan	3 No x 80 Watts	240 W

Sub Total	13518 W
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**RAM LAL THAKUR**  
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**Ground Floor-ETB-002-WS**

Light point	10 No x 18 watts	180 W
Power point	1 No x 1000 Watts	1000 W
Fan	6 No x 80 Watts	480 W

**F-Block Ground Floor-401-ETA-EDH**

Light point	20 No x 18 watts	360 W
Power point	1 No x 1000 Watts	1000 W
Fan	4 No x 80 Watts	320 W

**ETA-402**

Light point	15 No x 80 Watts	270 W
Power point	2No x 1000 Watts	2000 W
Fan	4 No x 80 Watts	320 W

**ETA-403**

Light point	16 No x 18 watts	288 W
Power point	2 No x 1000 Watts	2000 W
Fan	4 No x 80 Watts	320 W

**F-404-LH**

Light point	8No x 18 Watts	144 W
Power point	1 No x 1000 Watts	1000 W
Fan	2 No x 80 Watts	160 W


**F-405-LH**


Light point	10 No x 18 Watts	180 W
Power point	2 No x 1000 Watts	2000 W
Fan	2 No x 80 Watts	160 W

**Corridor**

Light point	7 No x 18 watts	126 W
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Sub Total 12308 W


  
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The Electrical Contractor  
Hospital Road Solan (H.P.)

Light point	6 No x 18 Watts	108 W
Power point	1No x 1000 Watts	1000 W
Fan	2 No x 80 Watts	160 W
<b>F-309-LAB</b>		
Light point	20 No x 18 Watts	360 W
Power point	3 No x 1000 Watts	3000 W
Exhaust Fan	1 No x 100 Watts	100 W
<b>F-308</b>		
Light point	20 No x 18 Watts	360 W
Power point	2 No x 1000 Watts	2000 W
Fan	2 No x 80 Watts	160 W
Exhaust Fan	1 No x 100 Watts	100 W
<b>ETA-301-LAB</b>		
Light point	21 No x 18 Watts	378 W
Power point	2 No x 1000 Watts	2000 W
Fan	2 No x 80 Watts	160 W
<b>Corridor</b>		
Light point	8 No x 18 watts	144 W
<b>ETA-302-LAB</b>		
Light point	25 No x 18 Watts	450 W
Power point	2 No x 1000 Watts	2000 W
Fan	2 No x 80 Watts	160 W
<b>ETA-303-LAB</b>		
Light point	6 No x 18 Watts	108 W
Power point	1No x 1000 Watts	1000 W
<b>ETA-304-</b>		
Light point	5 No x 18 Watts	90 W
Power point	1No x 1000 Watts	1000 W

Sub Total 14678 W

  
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**ETA-307- Basic E-Lab**

Light point	40 No x 18 Watts	720 W
Power point	5 No x 1000 Watts	5000 W

**EA-202-**

Light point	6 No x 18 watts	108 W
Power point	1 No x 1000 Watts	1000 W
Fan	2 No x 80 Watts	160 W

**203/204**

Light point	10 No x 18 watts	180 W
Power point	1 No x 1000 Watts	1000 W
Fan	4 No x 80 Watts	320 W

**205**

Light point	6 No x 18 watts	108 W
Power point	1 No x 1000 Watts	1000 W
Fan	2 No x 80 Watts	160 W

**206**

Light point	5 No x 18 watts	90 W
Power point	1 No x 1000 Watts	1000 W
Fan	2 No x 80 Watts	160 W


**207**


Light point	14 No x 18 watts	252 W
Power point	1 No x 1000 Watts	1000 W
Fan	2 No x 80 Watts	160 W

Sub Total 

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 12418 W

  
**RAM LAL THAKUR**  
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Sole Proprietor  
C. S. Electrical Contractor  
Hospital Road Solan (H.P.)

Light point 2 No x 18 watts 36 W

**Corridor Third Floor**

Light point 6No x 18 watts 108 W

**F/E/ T-A-101-LH**

Light point 8 No x 18 watts 144 W

Power point 1 No x 1000 Watts 1000 W

**102**

Light point 6 No x 18 watts 108 W

Power point 1 No x 1000 Watts 1000 W

Fan 1 No x 80 Watts 80 W

**103**

Light point 6 No x 18 watts 108 W

Power point 1 No x 1000 Watts 1000 W

Fan 2 No x 80 Watts 160 W

Projector 1 No x 150 Watts 150 W

**104**

Light point 6 No x 18 watts 108 W

Power point 1 No x 1000 Watts 1000 W

Fan 2 No x 80 Watts 160 W

**105**

Light point 8 No x 18 watts 144 W

Power point 1 No x 1000 Watts 1000 W

Fan 1 No x 80 Watts 80 W

**Wash Room**

Light point 2 No x 18 watts 36 W


**4<sup>th</sup> Floor Indoor Supports**


Light point 48 No x 18 watts 864 W

Power point 1 No x 1000 Watts 1000 W

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Sub Total 8286 W

  
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Light point	6 No x 18 watts	108 W
Power point	1 No x 1000 Watts	1000 W

**Fifth Floor Hall**

Light point	6 No x 18 watts	108 W
Power point	1 No x 1000 Watts	1000 W
Exhaust Fan	1 No x 80 Watts	80 W

**G-Block- Ground Floor**

Light point	7 No x 18 watts	126 W
Power point	1 No x 1000 Watts	1000 W
Fan	1 No x 80 Watts	80 W


**Facility Room**


Light point	28 No x 18 watts	504 W
Fan	7 No x 80 Watts	560 W

**Second Floor- Corridor**

Light point	6 No x 18 watts	108 W
Power point	1 No x 1000 Watts	1000 W

Sub Total 5674W

  
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**G- Block- Second Floor****Strength of Malescal LAB**

Light point	10 No x 18 watts	180 W
Power point	7 No x 1000 Watts	7000 W

**LAB**

Light point	2 No x 18 watts	36 W
Power point	1No x 1000 Watts	1000 W
Fan	1No x 80 Watts	80 W

**Third Floor- Head Civil Engineering Department:**

Light point	4 No x 18 watts	72 W
Power point	1No x 1000 Watts	1000 W
Fan	1No x 80 Watts	80 W

**Fifth Floor- Corridor**

Light point	10 No x 18 watts	180 W
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**Wash Room**

Light point	4 No x 18 watts	72 W
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**Seminar Hall****Fourth Floor- Corridor+ Washroom**

Light point	14 No x 18 watts	252 W
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**Class**

Light point	6 No x 18 watts	108 W
Power point	1 No x 1000 Watts	1000 W
Fan	2 No x 80 Watts	160 W

**Mechanical LAB**

Light point	5 No x 18 watts	90 W
Power point	3 No x 1000 Watts	3000 W

Sub Total 14310 W



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Medical Council of  
Haryana, Solan (H.P.)

Light point	12 No x 18 watts	216 W
Power point	1 No x 1000 Watts	1000 W

**Store**

Light point	1 No x 18 watts	18 W
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**Fifth Floor- Corridor**

Light point	3 No x 18 watts	54 W
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**Office**

Light point	6 No x 18 watts	108 W
Power point	1 No x 1000 Watts	1000 W

**Heat Transfer LAB**

Light point	10 No x 18 watts	180 W
Power point	2 No x 1000 Watts	2000 W

**Material LAB**

Light point	10 No x 18 watts	180 W
Power point	2 No x 1000 Watts	2000 W

**Sixth Floor- Corridor**


Light point	4 No x 18 watts	72 W
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**Office**

Light point	3 No x 18 watts	54 W
Power point	1 No x 1000 Watts	1000 W

Sub Total	<hr/>	7882 W
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Hospital Road Solan (H.P.)

  
Sole Proprietor  
M/s. Ram Lal Thakur  
Hospital Road Solan (H.P.)



Light point	10 No x 18 watts	180 W
Power point	2 No x 1000 Watts	2000 W

**I/C Engine LAB**

Light point	6 No x 18 watts	108 W
Power point	1 No x 1000 Watts	1000 W

**Seventh Floor- Corridor**

Light point	4 No x 18 watts	72 W
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**Wash Room**

Light point	3 No x 18 watts	54 W
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**Surveying LAB**

Light point	6 No x 18 watts	108 W
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**Structural LAB**

Light point	7 No x 18 watts	126 W
Power point	1 No x 1000 Watts	1000 W

**Roch Mechanics**

Light point	2 No x 18 watts	36 W
Fan	1 No x 80 Watts	80 W

**HOSTELS- Girls Hostel Block-A- 70 Rooms**

Light point	140 No x 18 watts	2520 W
Fan	140 No x 80 Watts	11200 W
5A Plug	140 No x 80 Watts	11200 W

**Gallery**


Light point	30 No x 18 watts	540 W
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**Bath Rooms 6 No.**

Light point	18 No x 18 watts	324 W
Exhaust Fan	12 No x 80 Watts	960 W

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Sub Total	31508 W
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Electrical Contractor  
Hospital Road Solan (H.P.)

Light point	18 No x 18 watts	324 W
Fan	7 No x 80 Watts	560 W
Heating	1 No x 1000 Watts	1000 W

**Canteen Ind**

Light point	8 No x 18 watts	144 W
Fan	6 No x 80 Watts	480 W
Heating	2 No x 1000 Watts	2000 W

**Common Room**

Light point	10 No x 18 watts	180 W
Fan	6 No x 80 Watts	480 W

**Block- B- Ground Floor- 6 Rooms**

Light point	12 No x 18 watts	216 W
Fan	12 No x 80 Watts	960 W
5 AM p	18 No x 100 Watts	1800 W

**First Floor- 85 Rooms**

Light point	170 No x 18 watts	3060 W
Fan	170 No x 80 Watts	13600 W
5 AM p	255 No x 80 Watts	20400 W


**Sixth Floor- 7 Rooms**


Light point	14 No x 18 watts	1252 W
Fan	14 No x 80 Watts	3200 W
5 AM p	21 No x 80 Watts	1680 W

**Yoga LAB**

Light point	15 No x 18 watts	270 W
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Sub Total	51606 W
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 Hospital Road Solan (H.P.)

  
 \_\_\_\_\_  
 Medical Officer  
 Hospital Road Solan (H.P.)

**Library**


Light point	98 No x 18 watts	1764 W
Power point	5 No x 1000 Watts	5000 W
5 AM p	15 No x 80 Watts	1200 W
AC	1 No x 1800 Watts	1800 W


Sub Total 9764 W

Grand Total: - 3,69,884W

**Total Requirement:**

**Full Load:- 370 KW**

  
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