

**HIMACHAL PRADESH**  
**PUBLIC WORKS DEPARTMENT**

NO.PW.ED.II.TA.TENDER/26-27- 1473-75

DATED:- 08-07-26

To

✓ The Executive Engineer (IT)  
Nirman Bhawan HPPWD  
Shimla-2

**Subject: - Publication of tender notice.**

Please find herewith the tender notice for the works as given in the notice inviting tender for uploading on department website as per Secretary (PW) to the Govt. of Himachal Pradesh notification No.PWD:-A0(3)/1/2024-241828 dated 17-07-2025 and further Engineer-in-Chief office letter No. PW.CTR/32-20/Genl Inst/GCC/2025-6396-6490 dated 25-07-2025 and letter No. PW.CTR/32-20/Genl Inst/GCC/2025-10063-10163 dated 27-09-2025 as the works mentioned in the tender notice is/are urgent in nature and in public interest.

  
Executive Engineer,  
Electrical Division No.II  
HPPWD, US Club, Shimla-1

Copy forwarded to:-

1. The Superintending Engineer, Electrical Circle, HP PWD, Shimla-9 for information please.
2. Computer Cell O/O the Executive Engineer (IT Cell), Nirman Bhawan, Nigam Vihar, Shimla-2 for further necessary action.

✓  
Executive Engineer,  
Electrical Division No.II  
HPPWD,US Club, Shimla-1

## Certificate

It is certified that the tender for above work is urgently required in public interest.



Executive Engineer,  
Electrical Division No.II  
HPPWD, US Club, Shimla-1



**HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT**  
**Office of the Executive Engineer, Electrical Division No.II, HPPWD, Shimla-1**  
**E-mail: ee-eled2-hp@nic.in Phone/Fax No.0177- 2990187**

**NOTICE INVITING TENDER**

Scaled percentage rate tenders are hereby invited by the Executive Engineer, Electrical Division No. II HPPWD Shimla-1 in form No. 6 on behalf of Governor of H.P. for the following works from the contractors of appropriate class enlisted with HPPWD (Electrical). The tenders shall be opened in the presence of contractors/firms or their authorized representative who wish to be present.

**TIME SCHEDULE OF TENDER**

|                                          |                                 |
|------------------------------------------|---------------------------------|
| (i) Last date of receipt of application: | 17.07.2026 Upto 1.00 P.M        |
| (ii) Date of sale of tenders             | 17.07.2026 Upto 2 PM to 5.00 PM |
| (iii) Last date of receipt of bids: -    | 18.07.2026 Upto 10.30 A.M       |
| (iv) Date of bid opening: -              | 18.07.2026 at 11.30 A.M         |

The tender form will be issued to only those contractors who qualify the criteria after the scrutiny of application forms by the committee constituted for the purpose.

| S. N. | Name of work                                                                                                                                                                                     | Estimated cost | Earnest money | Time      | Eligible class of registration |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------|-----------|--------------------------------|
| 1.    | Providing electrical staff for attending complaints in Electrical Sub Division, HPPWD, Reckong Peo (Kaza Section) District Kinnaur under Electrical Division No.II, HPPWD, U.S. Club, Shimla-01. | Rs.2,65,720/-  | Rs.5400/-     | One year  | Class-D & C                    |
| 2.    | Providing and replacement of damaged fittings, accessories and repair of SOP cable in Eklavya Model Residential School at Nichar in District Shimla. (H.P.)                                      | Rs.1,40,534/-  | Rs.2800/-     | Six month | Class-D & C                    |
| 3.    | Construction of office accommodation for horticulture / agriculture at Spillo in District Kinnaur. (H.P.) (SH:- Providing electrical installation therein.)                                      | Rs.4,02,858/-  | Rs.8100/-     | Two years | Class-C & B                    |

**TERMS AND CONDITIONS:-**

1. The earnest money in the shape of National Saving certificate. Time deposit account in any of the post office in HP/FDR or any Bank duly pledged in favor of Executive Engineer, Electrical Division No. II HPPWD Shimla-1 accompanied with the application for receipt of tender form along with cost of form.
2. The contractor/firm should possess the following documents (photo copy to be self attested with application for obtaining the tenders documents.
  - a) Latest enlistment/renewal orders with application for electrical works.
  - b) GST Number issued by the Sale Tax Department.
  - c) PAN (Permanent Account Number) issued by the Income Tax Department and copy of EPF issued from competent authority.
3. The Executive Engineer, Electrical Division No.II, HPPWD Shimla-1 reserves the right to reject any tender without assigning any reason(s)
4. The Cess charges @ 1% will be deducted from the gross amount of work done of the contractor.

5. The work will be completed by the contractor within the stipulated period.
6. The tender shall be issued to only those contractor/firms who are eligible suitable and competent.
7. The tender forms shall be issued to eligible contractors depending upon their past performance and work experience which shall be duly evaluated by the technical evaluation committee.
8. The contractor /firm having necessary documents and past adequate experience shall be preferred.
9. The contractor who has failed to start/complete the work already allotted in his favor within stipulated period shall not be issued tender forms.
10. A contractor enlisted in a particular class be eligible to tender for his own class and one step below
11. Only two number tender forms will be issued to the eligible contractor.
12. If any kind of holiday to be happened, the tender shall be opened on the next working day at 11.30 a.m.
13. GST will be deducted as per rates fixed by the Government.
14. Work appearing at Sr. No.1 will be issued to the contractors / firm having similar work done for the job.

  
Executive Engineer,  
Electrical Division No.II,  
HPPWD, US Club, Shimla-1

Dated:- 08-07-26

**No.PW.ED.II.TA.Tender/2026-2027- 1476-86**

Copy forwarded to the following for information :-

1. The Superintending Engineer, 1st Electrical Circle, HPPWD, Shimla-9.
2. All the Assistant Engineers working under this Division.
3. The Superintendent Grade-II, Head Draughtsman, Divisional Accounts officer in this division for information and necessary action.
4. Notice Board.

Executive Engineer,  
Electrical Division No.II,  
HPPWD, US Club, Shimla-1

**DRAFT SCHEDULE OF QUANTITY**

Estimated Cost:- Rs.265720/- only

Earnest Money:- Rs.5400/- only

Time:- One Year

**Name of work:- Providing electrical Staff for attending complaints in Electrical Sub-Division HPPWD Reckong-Peo (Kaza Section) District Kinnaur under Electrical Division No.II HPPWD (U.S. Club) Shimla-01**

| S.No. | Description of Items                                                                                                                                                                                                                               | Qty. | Unit | Rate       |                                     | Amount        |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------------|-------------------------------------|---------------|
|       |                                                                                                                                                                                                                                                    |      |      | In Figures | In words                            |               |
| 1.00  | Providing & engagement of electrical staff for attending complaints in Electrical Sub-Division HPPWD Reckong-Peo District Kinnaur under Electrical Division No.II HPPWD (U.S.Club) Shimla-01 complete as required & approved by Engineer-in-charge |      |      |            |                                     |               |
| 1.01  | T-Mate (Electrical) in Kaza Section                                                                                                                                                                                                                | 365  | Each | 728        | Rs. Seven Hundred Twenty Eight only | 265720.00     |
|       | <b>Total:-</b>                                                                                                                                                                                                                                     |      |      |            |                                     | <b>265720</b> |

*Draft schedule of quantity approved for  
Rs.2,65,720/- only. (Rs. Two Lacs Sixty Five  
Thousand Seven hundred Twenty only.)*

*hale*  
Executive Engineer,  
Electrical Division No.-II,  
HPPWD (U.S. Club) Shimla-1

**DRAFT SCHEDULE OF QUANTITY**

Estimated Cost:- Rs.140534/- only

Earnest Money:- Rs.2800/- only

Time:- Six month

**Name of work:- Providing and replacement of damaged fittings, Accessories and repair of SOP Cable in Eklavya Model Residential School at Nichar in Distt. Kinnaur (H.P.)**

| S.No. | Description of Items                                                                                                                                                                                                                                                                                                                                                               | Qty. | Unit | Rate       |                                 | Amount  |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------------|---------------------------------|---------|
|       |                                                                                                                                                                                                                                                                                                                                                                                    |      |      | In Figures | In words                        |         |
| 1.00  | Supplying and fixing PVC batten/ angle holder including connections etc. as required.                                                                                                                                                                                                                                                                                              | 12   | Each | 102        | Rs. One Hundred Two only        | 1224.00 |
| 2.00  | Providing and installation of LED Emergency Retrofit Lamp with rechargeable emergency light polycarbonate body and aluminium heat sink; suitable for input voltage: AC 220-240 V, 50/60Hz, including mounting in existing fixture, testing etc. as required complete in all respects. Make: Philips, Bajaj, Syska, Panasonic, Havells or any other approved by Engineer-in-Charge. |      |      |            |                                 |         |
| 2.01  | LED Emergency retrofit lamp 9W.                                                                                                                                                                                                                                                                                                                                                    | 12   | Each | 460        | Rs. Four Hundred Sixty only     | 5520.00 |
| 3.00  | Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.                                                                                                                                                                                                                                                 |      |      |            |                                 |         |
| 3.01  | S.P. 15/16 A, one way switch, piano type ISI marked                                                                                                                                                                                                                                                                                                                                | 6    | Each | 100        | Rs. One Hundred only            | 600.00  |
| 3.02  | 6 pin 15/16 A socket outlet                                                                                                                                                                                                                                                                                                                                                        | 6    | Each | 117        | Rs. One Hundred Seventeen only  | 702.00  |
| 4.00  | Supplying & fixing of following sizes (nominal size) phenolic laminated sheet cover in front on existing suitable size metal/Wooden box on surface or in recess including all accessories etc. as required.                                                                                                                                                                        |      |      |            |                                 |         |
| 4.01  | 200mm.x125mm.x3mm. Thick                                                                                                                                                                                                                                                                                                                                                           | 6    | Each | 35         | Rs. Thirty Five only            | 210.00  |
| 5.00  | Supplying and fixing of 16A 3 Pin Plug Top including connections testing etc. as required. Make:- Anchor, Havells or any other approved by Engineer-in-Charge.                                                                                                                                                                                                                     | 6    | Each | 126        | Rs. One Hundred Twenty Six only | 756.00  |

|      |                                                                                                                                                                                                                      |  |  |  |  |  |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| 6.00 | S/E of LED Batten with polycarbonate body and diffuser The fitting should be installed on existing surface/recess The job includes carriage, erection, making connections testing and commissioning of the fittings. |  |  |  |  |  |
|      | Specification of LED fittings:                                                                                                                                                                                       |  |  |  |  |  |
|      | Wattage of LED fittings - As per following parameter.                                                                                                                                                                |  |  |  |  |  |
|      | Total lumens of the fittings - as per wattage                                                                                                                                                                        |  |  |  |  |  |
|      | Diffuser - Polycarbonate diffuser/PMMA                                                                                                                                                                               |  |  |  |  |  |
|      | Operating voltage - 140 V to 270 V, AC supply or better.                                                                                                                                                             |  |  |  |  |  |
|      | Input frequency - 50 Hz + 1 Hz                                                                                                                                                                                       |  |  |  |  |  |
|      | Power factor - Minimum 0.90                                                                                                                                                                                          |  |  |  |  |  |
|      | Luminaire efficacy - >100 lm/w                                                                                                                                                                                       |  |  |  |  |  |
|      | Color rendering index - CRI shall be greater than 80                                                                                                                                                                 |  |  |  |  |  |
|      | Working/ operating temperature - 00 to + 450c or better                                                                                                                                                              |  |  |  |  |  |
|      | Color temperature - 60000K + 10%                                                                                                                                                                                     |  |  |  |  |  |
|      | Electronic Driver                                                                                                                                                                                                    |  |  |  |  |  |
|      | Drive current (LED) - As per OEM.                                                                                                                                                                                    |  |  |  |  |  |
|      | Operating voltage - 140 V to 270 V, AC supply or better.                                                                                                                                                             |  |  |  |  |  |
|      | Type of driver - Constant current output driver                                                                                                                                                                      |  |  |  |  |  |
|      | THD - Less than 10%                                                                                                                                                                                                  |  |  |  |  |  |
|      | Surge Protection - 2.5 KV minimum                                                                                                                                                                                    |  |  |  |  |  |
|      | Efficiency Driver - >85%                                                                                                                                                                                             |  |  |  |  |  |
|      | Protection - Shall have under voltage and over voltage protection.                                                                                                                                                   |  |  |  |  |  |
|      | Guarantee of LED fittings including LED driver - 5 years against manufacturing defect.                                                                                                                               |  |  |  |  |  |
|      | Fixture - Should comply with LM 79 test from UL/NABL lab.                                                                                                                                                            |  |  |  |  |  |
|      | LED Type/ Make/ Model - Power CREE/ OSRAM/ NICHIA/ Philips LUMILED with life more than 25,000 burning hours @70% lumen maintenance complying with LM 80 test report from the manufacturer.                           |  |  |  |  |  |
|      | Life of LED - 25000 burning hours at 70% lumen maintenance                                                                                                                                                           |  |  |  |  |  |

|              |                                                                                                                                                                                                                                                                                                                                                                                |   |      |       |                                                    |          |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|-------|----------------------------------------------------|----------|
|              | Lumen output of the fitting                                                                                                                                                                                                                                                                                                                                                    |   |      |       |                                                    |          |
| <b>6.01</b>  | LED Batten Light >1000Lumens.                                                                                                                                                                                                                                                                                                                                                  | 1 | Each | 581   | Rs. Five Hundred Eighty One only                   | 581.00   |
| <b>6.02</b>  | LED Batten Light >2000Lumens.                                                                                                                                                                                                                                                                                                                                                  | 1 | Each | 665   | Rs. Six Hundred Sixty Five only                    | 665.00   |
| <b>7.00</b>  | Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes with 8 bar pressure rating Five star BEE rating and safety valve installation by means of expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, making good the damages, electrical connections, testing etc. complete as required. |   |      |       |                                                    |          |
| <b>7.01</b>  | 50 Liter capacity water heater (Cat-A)                                                                                                                                                                                                                                                                                                                                         | 1 | Each | 26662 | Rs. Twenty Six Thousand Six Hundred Sixty Two only | 26662.00 |
| <b>8.00</b>  | Providing and installation exhaust fan of following sizes in the existing opening, Double ball bearing type metal frame including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required: of Approved Make Domestic type.                                                                         |   |      |       |                                                    |          |
| <b>8.01</b>  | Exhaust Fan, Light duty, (Domestic) 150 mm sweep                                                                                                                                                                                                                                                                                                                               | 9 | Each | 1854  | Rs. One Thousand Eight Hundred Fifty Four only     | 16686.00 |
| <b>9.00</b>  | Providing and fixing of Iron shutter for all sizes exhaust fans in the existing opening, including installation at site etc. as required to the best satisfaction of Engineer-in-Charge.                                                                                                                                                                                       | 9 | Each | 646   | Rs. Six Hundred Forty Six only                     | 5814.00  |
| <b>10.00</b> | Fixing of Damaged Cable thorough Straight Cable Jointing kit with cast resin compound with ferrules for 95 mm sq (3.5 core) outdoor cable completed with testing and commissioning at site as required to complete the job to the entire satisfaction of EIC.                                                                                                                  |   |      |       |                                                    |          |
| <b>10.01</b> | Straight cable joint 95 sq. mm (3.5-core)                                                                                                                                                                                                                                                                                                                                      | 1 | Job  | 4571  | Rs. Four Thousand Five Hundred Seventy One only    | 4571.00  |

|              |                                                                                                                                                                                                                                                                          |   |     |       |                                                   |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----|-------|---------------------------------------------------|
|              | Fixing of Damaged Cable through Straight Cable Joining Kit with Heat shrinkable jointing Kit with ferrules for 630 mm sq (Single core) outdoor cable completed with testing and commissioning at site as required to complete the job to the entire satisfaction of EIC. |   |     |       |                                                   |
| <b>11.00</b> |                                                                                                                                                                                                                                                                          |   |     |       |                                                   |
| <b>11.01</b> | Straight cable joint 630 sq. mm (Single-core)                                                                                                                                                                                                                            | 3 | Job | 11995 | Rs. Eleven Thousand Nine Hundred Ninety Five only |
| <b>12.00</b> | S/E of LED Downlighter Surface type square with polycarbonate body and diffuser The fitting should be installed on existing surface The job includes carriage, erection, making connections testing and commissioning of the fittings.                                   |   |     |       |                                                   |
|              | Specification of LED fittings:                                                                                                                                                                                                                                           |   |     |       |                                                   |
|              | Wattage of LED fittings - As per following parameter.                                                                                                                                                                                                                    |   |     |       |                                                   |
|              | Total lumens of the fittings - as per wattage                                                                                                                                                                                                                            |   |     |       |                                                   |
|              | Diffuser - Polycarbonate diffuser.                                                                                                                                                                                                                                       |   |     |       |                                                   |
|              | Operating voltage - 140 V to 270 V, AC supply or better.                                                                                                                                                                                                                 |   |     |       |                                                   |
|              | Input frequency - 50 Hz + 1 Hz                                                                                                                                                                                                                                           |   |     |       |                                                   |
|              | Power factor - Minimum 0.90                                                                                                                                                                                                                                              |   |     |       |                                                   |
|              | Luminaire efficacy - >85 lm/w                                                                                                                                                                                                                                            |   |     |       |                                                   |
|              | Color rendering index - CRI shall be greater than 80                                                                                                                                                                                                                     |   |     |       |                                                   |
|              | Working/ operating temperature - 00 to + 450c or better                                                                                                                                                                                                                  |   |     |       |                                                   |
|              | Color temperature - 60000K + 10%                                                                                                                                                                                                                                         |   |     |       |                                                   |
|              | Electronic Driver                                                                                                                                                                                                                                                        |   |     |       |                                                   |
|              | Drive current (LED) - As per OEM.                                                                                                                                                                                                                                        |   |     |       |                                                   |
|              | Operating voltage - 140 V to 270 V, AC supply or better.                                                                                                                                                                                                                 |   |     |       |                                                   |
|              | Type of driver - Constant current output driver                                                                                                                                                                                                                          |   |     |       |                                                   |
|              | THD - Less than 15%                                                                                                                                                                                                                                                      |   |     |       |                                                   |
|              | Surge Protection - 2.5 KV minimum                                                                                                                                                                                                                                        |   |     |       |                                                   |
|              | Efficiency Driver - >85%                                                                                                                                                                                                                                                 |   |     |       |                                                   |
|              | Protection - Shall have under voltage and over voltage protection.                                                                                                                                                                                                       |   |     |       |                                                   |
|              | Guarantee of LED fittings including LED driver - 5 years against manufacturing defect.                                                                                                                                                                                   |   |     |       |                                                   |

|       |                                                                                                                                                                                                                                                      |   |      |       |                                                      |               |  |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|-------|------------------------------------------------------|---------------|--|
|       | Fixture - Should comply with LM 79 test from UL/NABL lab.                                                                                                                                                                                            |   |      |       |                                                      |               |  |
|       | LED Type/ Make/ Model - Power CREE/ OSRAM/ NICHIA/ Philips LUMILED with life more than 25,000 burning hours @70% lumen maintenance complying with LM 80 test report from the manufacturer.                                                           |   |      |       |                                                      |               |  |
|       | Life of LED - 25000 burning hours at 70% lumen maintenance                                                                                                                                                                                           |   |      |       |                                                      |               |  |
|       | Lumen output of the fitting                                                                                                                                                                                                                          |   |      |       |                                                      |               |  |
| 12.01 | LED Down Light >1020Lumens.                                                                                                                                                                                                                          | 9 | Each | 665   | Rs. Six Hundred Sixty Five only                      | 5985.00       |  |
| 12.02 | LED Down Light >1700Lumens.                                                                                                                                                                                                                          | 4 | Each | 878   | Rs. Eight Hundred Seventy Eight only                 | 3512.00       |  |
| 13.00 | S/E of MCCB Amp. 4 Pole 415 Volt. with Thermal Magnetic Release for overload and short circuit protection 36 kA breaking Capacity (Ics=100% Icu with positive isolation) with/ without Spreader/ Rotary Handle.                                      |   |      |       |                                                      |               |  |
| 13.01 | MCCB 40- 100 Amp. 36 ka 4 Pole Release without rotary handle                                                                                                                                                                                         | 2 | Each | 13768 | Rs. Thirteen Thousand Seven Hundred Sixty Eight only | 27536.00      |  |
| 14.00 | Providing and fixing of constant current LED Driver with universal connector in Existing fittings suitable for 4KV Surge protection, complete with connection and testing at site as required to complete the job to the entire satisfaction of EIC. |   |      |       |                                                      |               |  |
| 14.01 | LED Driver 36 watt.                                                                                                                                                                                                                                  | 5 | Each | 705   | Rs. Seven Hundred Five only                          | 3525.00       |  |
|       | <b>Total:-</b>                                                                                                                                                                                                                                       |   |      |       |                                                      | <b>140534</b> |  |

Condition:- Amount of Rs. 500/- shall be deducted by department for useful material.

*Draft schedule of quantity approved for  
Rs. @ 1,40,534/- only. (Rs. One lac forty  
Thousand five hundred thirty four only.)*

*Make*  
Executive Engineer,  
Electrical Division No.-II,  
HP PWD (U.S. Club) Shimla-1

## DRAFT SCHEDULE OF QUANTITY

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Estimated Cost:- Rs. 4,02,858 /- only  
Earnest Money:- Rs. 8100/- only  
Time:- Two Years

Name of work:- Construction of Office Accommodation for Horticulture/Agriculture at Spillover in District Kinnaur (H.P.) ( SH:- Providing Electrical Installation therein)

| S.No. | Description of Items                                                                                                                                                                                                                                                                                                                                         | Qty. | Unit  | Rate       |                                            | Amount |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------------|--------------------------------------------|--------|
|       |                                                                                                                                                                                                                                                                                                                                                              |      |       | In Figures | In words                                   |        |
| 1.00  | Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. |      |       |            |                                            |        |
| 1.01  | Group A                                                                                                                                                                                                                                                                                                                                                      | 11   | Point | 1041       | Rupees One Thousand FourtyOne Only         | 11,451 |
| 1.02  | Group C                                                                                                                                                                                                                                                                                                                                                      | 40   | Point | 1504       | Rupees One Thousand Five Hundred Four Only | 60,160 |
| 2.00  | Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.                                  | 4    | Point | 1603       | Rupees One Thousand Six Hundred Three Only | 6,412  |

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|             |                                                                                                                                                                                                                                                                                                            |     |       |     |                                      |        |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|-----|--------------------------------------|--------|
| <b>3.00</b> | Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.                                                                          | 16  | Each  | 492 | Rupees Four Hundred NinetyTwo Only   | 7,872  |
| <b>4.00</b> | Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.                                                                      | 16  | Each  | 605 | Rupees Six Hundred Five Only         | 9,680  |
| <b>5.00</b> | Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 nos. 3 pin 5/6 A modular socket outlet and 2 nos. 5/6 A modular switch, connections etc. as required. (For light plugs to be used in non residential buildings). | 6   | Each  | 703 | Rupees Seven Hundred Three Only      | 4,218  |
| <b>6.00</b> | Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.                                            | 110 | Meter | 345 | Rupees Three Hundred FourtyFive Only | 37,950 |
| <b>7.00</b> | Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.                                           | 85  | Meter | 557 | Rupees Five Hundred FiftySeven Only  | 47,345 |

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|              |                                                                                                                                                                                                                                                   |     |       |       |                                                      |        |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|-------|------------------------------------------------------|--------|
| <b>8.00</b>  | Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.                                           |     |       |       |                                                      |        |
| <b>8.01</b>  | 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire                                                                                                                                                                                                        | 105 | Meter | 240   | Rupees Two Hundred Forty Only                        | 25,200 |
| <b>8.02</b>  | 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire                                                                                                                                                                                                        | 60  | Meter | 284   | Rupees Two Hundred EightyFour Only                   | 17,040 |
| <b>8.03</b>  | 2 X 6 sq. mm + 1 X 6 sq. mm earth wire                                                                                                                                                                                                            | 10  | Meter | 455   | Rupees Four Hundred FiftyFive Only                   | 4,550  |
| <b>8.04</b>  | 2 X 10 sq. mm + 1 X 6 sq. mm earth wire                                                                                                                                                                                                           | 5   | Meter | 591   | Rupees Five Hundred NinetyOne Only                   | 2,955  |
| <b>8.05</b>  | 4 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire                                                                                                                                                                                                        | 40  | Meter | 319   | Rupees Three Hundred Nineteen Only                   | 12,760 |
| <b>9.00</b>  | Providing & Laying of one number aluminium conductor, PVC insulated and PVC sheathed armoured/ XLPE power cable, 1.1 KV grade of following sizes on wall surface as required.                                                                     |     |       |       |                                                      |        |
| <b>9.01</b>  | Armored cable 10 sq. mm (2-core)                                                                                                                                                                                                                  | 180 | Meter | 281   | Rupees Two Hundred EightyOne Only                    | 50,580 |
| <b>10.00</b> | Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. with charcoal/ coke and salt as required. | 1   | Set   | 7,747 | Rupees Seven Thousand Seven Hundred FourtySeven Only | 7,747  |
| <b>11.00</b> | Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.                                                                                                                                                   | 60  | Meter | 72    | Rupees SeventyTwo Only                               | 4,320  |
| <b>12.00</b> | Supplying and fixing call bell/ buzzer suitable for 230 v 50 hz complete as required                                                                                                                                                              | 5   | Each  | 102   | Rupees One Hundred Two Only                          | 510    |
| <b>13.00</b> | Supplying and fixing PVC batten/ angle holder including connections etc. as required.                                                                                                                                                             | 18  | Each  | 111   | Rupees One Hundred Eleven Only                       | 1,998  |

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| 14.00 | Providing and installation of LED retrofit lamp of following wattage, B-22 holder base with polycarbonate body and aluminium heat sink; suitable for input voltage: AC 220-240 V, 50/60Hz, including mounting in existing fixture, testing etc. as required complete in all respects. Make:-Havells, Wipro, Panasonic, Bajaj or any other approved by Engineer-in-Charge.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |      |     |                                 |       |
| 14.01 | LED retrofit lamp 9/10 Watt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 18 | Each | 115 | Rupees One Hundred Fifteen Only | 2,070 |
| 15.00 | <p>S/E of LED Batten with aluminum extrusion housing The fitting should be installed on existing surface The job includes carriage, erection, making connections testing and commissioning of the fittings.</p> <p>Specification of LED fittings:</p> <p>Wattage of LED fittings As per following</p> <p>Total lumens of the fittings. as below</p> <p>Diffuser Polycarbonate diffuser/PMMA</p> <p>Operating voltage 140 V to 270 V, AC supply or</p> <p>Input frequency 50 Hz + 1 Hz</p> <p>Power factor Minimum 0.90</p> <p>Luminaries efficacy &gt;110 lm/w</p> <p>Color rendering index CRI shall be greater than</p> <p>Working/ operating temperature 00 to + 450c or</p> <p>Color temperature 60000K + 10%</p> <p>Electronic Driver</p> <p>Drive current (LED) As per OEM.</p> <p>Operating voltage 140 V to 270 V AC supply or</p> <p>Type of driver Constant current output driver</p> <p>THD Less than 10%</p> <p>Surge Protection 2.5 KV minimum</p> |    |      |     |                                 |       |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |      |                                                   |        |
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|       | <p>Efficiency Driver&gt;85%</p> <p>Protection Shall have under voltage and over voltage protection.</p> <p>Guarantee of LED fittings including LED driver 2 years against manufacturing defect.</p> <p>Fixture Should comply with LM 79 test from LED Type/ Make/ Model Power CREE/ OSRAM/ NICHIA/ Philips LUMILED with life more than 50,000 burning hours @70% lumen maintenance complying with LM 80 test report</p> <p>Life of LED 50000 burning hours at 70% lumen</p> <p>Lumen output of the fitting 2200</p>                                                                                                                                                                                                                                                                                                                                                                                            |    |      |      |                                                   |        |
| 15.01 | LED Batten Light 36/40W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 23 | Each | 1143 | Rupees One Thousand One Hundred Fourty Three Only | 26,289 |
| 16.00 | <p>S/E of LED bulk head IP 66 rated with aluminium body/PDC housing The fitting should be installed on existing surface The job includes carriage, erection, making connections testing and commissioning of the fittings.</p> <p>Specification of LED fittings:</p> <p>Wattage of LED fittings As per following</p> <p>Total lumens of the fittings. as below</p> <p>Diffuser Polycarbonate diffuser/PMMA</p> <p>Operating voltage 140 V to 270 V, AC supply or</p> <p>Input frequency 50 Hz + 1 Hz</p> <p>Power factor Minimum 0.90</p> <p>Luminaries efficacy &gt;110 lm/w</p> <p>Color rendering index CRI shall be greater than</p> <p>Working/ operating temperature 00 to + 450c or</p> <p>Color temperature 60000K + 10%</p> <p>Electronic Driver</p> <p>Drive current (LED) As per OEM.</p> <p>Operating voltage 140 V to 270 V AC supply or</p> <p>Type of driver Constant current output driver</p> |    |      |      |                                                   |        |

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |      |       |                                                  |        |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|-------|--------------------------------------------------|--------|
|       | THD Less than 10%<br>Surge Protection 2.5 KV minimum<br>Efficiency Driver>85%<br>Protection Shall have under voltage and over voltage protection.<br>Guarantee of LED fittings including LED driver 2 years against manufacturing defect.<br>Fixture Should comply with LM 79 test from LED Type/ Make/ Model Power CREE/ OSRAM/ NICHIA/ Philips LUMILED with life more than 50,000 burning hours @70% lumen maintenance complying with LM 80 test report<br>Life of LED 50000 burning hours at 70% lumen<br>Lumen output of the fitting 2200                                                                                                     |   |      |       |                                                  |        |
| 16.01 | LED Bulk Head 10 Watt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 | Each | 1181  | Rupees One Thousand One Hundred Eighty One Only  | 1,181  |
| 17.00 | Installation of ventilating /exhaust fan in the existing opening, including making good BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor the damage, connection, testing, commissioning etc. as required. Supply & Erection of Ventilating Fan ) following size complete with motor,, with minimum power consumption, rigid frame with rubber mounting for silent operation, in the existing opening including cost of making the hole to suit the size of above fan making good the damage, Carriage Charges connection, testing, commissioning etc. as required to complete the job to the entire satisfaction of EIC. |   |      |       |                                                  |        |
| 17.01 | Ventilating/Exhaust Fan, 200 mm sweep                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6 | Each | 2,842 | Rupees Two Thousand Eight Hundred Forty Two Only | 17,052 |

|              |                                                                                                                                                                                                                                                                                                                                                                                 |    |      |        |                                                      |        |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|--------|------------------------------------------------------|--------|
| <b>18.00</b> | Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes with 8 bar pressure rating Five star BEE rating and safety valve installation by means of expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, making good the damages, electrical connections, testing etc. complete as required:- |    |      |        |                                                      |        |
| <b>18.01</b> | 25 Liter capacity water heater (Cat-A)                                                                                                                                                                                                                                                                                                                                          | 1  | Each | 14,956 | Rupees Fourteen Thousand Nine Hundred Fifty Six Only | 14,956 |
| <b>19.00</b> | Supplying and fixing 6 A to 32 A rating, 240/415 V, 10 KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.                                                                                                                                    |    |      |        |                                                      |        |
| <b>19.01</b> | Single pole 6 Amp.                                                                                                                                                                                                                                                                                                                                                              | 9  | Each | 263    | Rupees Two Hundred Sixty Three Only                  | 2,367  |
| <b>19.02</b> | Single pole 10 Amp.                                                                                                                                                                                                                                                                                                                                                             | 2  | Each | 263    | Rupees Two Hundred Sixty Three Only                  | 526    |
| <b>19.03</b> | Single pole 16 Amp.                                                                                                                                                                                                                                                                                                                                                             | 16 | Each | 263    | Rupees Two Hundred Sixty Three Only                  | 4,208  |
| <b>20.00</b> | Supplying and fixing following rating, followings poles 10ka 240/415v 'C' curves miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.                                                                                                                         |    |      |        |                                                      |        |
| <b>20.01</b> | 40 A DP                                                                                                                                                                                                                                                                                                                                                                         | 2  | Each | 1,352  | Rupees One Thousand Three Hundred Fifty Two Only     | 2,704  |
| <b>20.02</b> | 63 A DP                                                                                                                                                                                                                                                                                                                                                                         | 1  | Each | 1,501  | Rupees One Thousand Five Hundred One Only            | 1,501  |

|              |                                                                                                                                                                                                                                                                                                              |   |      |       |                                                    |                   |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|-------|----------------------------------------------------|-------------------|
| <b>21.00</b> | Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.                                             |   |      |       |                                                    |                   |
| <b>21.01</b> | 40 A DP                                                                                                                                                                                                                                                                                                      | 2 | Each | 2,485 | Rupees Two Thousand Four Hundred EightyFive Only   | 4,970             |
| <b>21.02</b> | 63 A DP                                                                                                                                                                                                                                                                                                      | 1 | Each | 2,839 | Rupees Two Thousand Eight Hundred ThirtyNine Only  | 2,839             |
| <b>22.00</b> | Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/isolator) |   |      |       |                                                    |                   |
| <b>22.01</b> | 12 way , Double door                                                                                                                                                                                                                                                                                         | 1 | Each | 2,411 | Rupees Two Thousand Four Hundred Eleven Only       | 2,411             |
| <b>22.02</b> | 16 way , Double door                                                                                                                                                                                                                                                                                         | 2 | Each | 3,275 | Rupees Three Thousand Two Hundred SeventyFive Only | 6,550             |
| <b>23.00</b> | Supplying & fixing wooden boxes of following sizes (nominal size) on surface or in recess suitable for fixing phenolic laminated sheet cover in front including painting etc. as required:-                                                                                                                  |   |      |       |                                                    |                   |
| <b>23.01</b> | 203mm.x 254mm.x60mm. Deep                                                                                                                                                                                                                                                                                    | 3 | Each | 162   | Rupees One Hundred SixtyTwo Only                   | 486               |
|              | <b>Total Amount :-</b>                                                                                                                                                                                                                                                                                       |   |      |       |                                                    | <b>₹ 4,02,858</b> |

*Draft schedule of quantity approved for Rs. 4,02,858/-  
(Rs. Four Lacs two hundred thousand eight hundred  
fifty eight only.)*

*Executive Engineer,  
Electrical Division No.-II,  
HP PWD (U.S. Club) Shimla-1*