

Himachal Pradesh  
Public Works Department

No. PW-ESD-II-Tender/2025-26

135-36

Dated 03/03/2026

To


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

Subject: Publication of Tender Notice


Jai Hind

Enclosed please find herewith the tender Notice of works as given in the Notice Inviting Tender for uploading on department website as per notification vide Secy. (PW) to Govt. of Himachal Pradesh Letter No. PBW (B) A (3) 1/2024 dated 03.01.2024 as the works mentioned in the tender notice are urgent in nature and in public interest.

D/A- Notice Inviting Tender, Schedule of Quantity and certificate.

  
Assistant Engineer  
Electrical Sub Divn II  
HPPWD Sect Shimla-2

Copy to: The Executive Engineer, Electrical Division no.1, HPPWD Shimla-9 for information and further necessary action please.

  
Assistant Engineer  
Electrical Sub Divn II  
HPPWD Sect Shimla-2

**HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT**

Sealed Percentage rate tender on the prescribed form, terms and conditions mentioned in form- 6 & 7, 8 are hereby invited for the following works by the undersigned from the approved firms/contractors, so as to reach in the office of the undersigned (i)Tender documents consisting of plans classes of work to be done and set of terms and conditions of contract to be complied with by the contractor/firms whose tender may be accepted and other necessary documents can be seen in the office of the Assistant Engineer between hours of 11.00 AM to 4.00 PM except on Sundays and public holidays. (2) The contractor who are not registered under HP general sale tax Act, 1968 and have not cleared all the dues on account of sale tax shall not be issued the tender documents. (3) The contractor who has no registration certificate with Excise and taxation department of HP will not be issued the tender documents (4) Tenders placed in sealed envelope with name of work and due date written on the envelope will be received by the undersigned and will be opened by him or his authorized representative in his office in the presence of contractors, present if any. (5)The earnest money in the shape of NSC/Time deposit account /saving account in any of the post offices of HP duly pledged in favour of undersigned must accompany with the tender in the separate envelope. The tenders without earnest money will summarily be rejected. (6)) In case of holiday, the tenders shall be received and opened on the next working day.(7)Tenders of contractors who quote two or more than two rates for any item of work shall be rejected. (8) The competent authority on behalf of Governor of H.P reserves the right to reject any or all the tenders received without assigning any reason.

**TIME SCHEDULE OF TENDER**

|      |  |                         |
|------|--|-------------------------|
| i)   | Last date of issue of tender documents | 10-03-2026 upto 5:00PM  |
| ii)  | Last date of receipt of bids           | 11-03-2026 upto 10:30AM |
| iii) | Date of bid Opening                    | 11-03-2026 at 11:00AM   |

| Sr. No. | Name of Work   | Estimated Cost | EMD    | Time    | Cost of Tender | Class of contractor Eligible |
|---------|--|----------------|--------|---------|----------------|------------------------------|
| 1       | Providing special repair to E.I in Benmore 8, NMH-7, N.M House8,NMH-5, NMH-6 Deputy CM at Chotta Shimla under ESD-II Shimla-171002 (H.P) | ₹ 90383/-      | 1850/- | 1 Month | 350/           | C & D                        |

|   |   |           |        |         |      |             |
|---|---|-----------|--------|---------|------|-------------|
| 2 | Replacement of old/defective batteries of 6KVA UPS installed in old conference hall of Nirman Bhawan building Nigam Vihar Shimla-2.   | ₹ 91824/- | 1850/- | 1 Month | 350/ | Specialized |
| 3 | Replacement of street light & down lighters in various rooms in Add. Director of industries office at Majitha house Chotta Shimla-2   | ₹ 47147/- | 900/-  | 1 Month | 350/ | C & D       |
| 4 | Providing special repair to E.I in Kothi no.3 G.F, Type III servant qtr 54,10,85,87,82,80,60,22,49, servant Q no.46, Brockhurst, Ellerslie cottage no.1, Type III Set no.3,4, Springfield, below pine no.1, Block no.28 set no.650, New Shimla under ESD-II Shimla-2. | ₹ 99930/- | 2000/- | 1 Month | 350/ | C&D         |
| 5 | Replacement of damaged sub main wire in Block D Type IV set no. 25 to 32 outside Brockhurst under ESD-II Shimla-2   | ₹ 50220/- | 1000/- | 1 month | 350/ | C&D         |
| 6 | Providing 12V, 65Ah Sealed Maintenance free (SMF) batteries for 100KVA/100KW UPS installed in Nirman Bhawan building, Nigam Vihar HPPWD Shimla-2.   | ₹95316/-  | 1900/- | 1month  | 350/ | C&D         |
| 7 | Providing repair and maintenance to existing fancy wall brackets, chandeliers and replacement of defective fixtures in Governor's Rest House, Chotta Shimla-171002  | ₹71170/-  | 1500/- | 1Month  | 350/ | C&D         |
| 8 | Providing special repair to 100KVA/100KW Eaton make UPS installed in Nirman Bhawan building HPPWD Shimla-2  | ₹95316/-  | 1900/- | 1 Month | 350/ | C&D         |

|    |  |        |        |         |      |     |
|----|--|--------|--------|---------|------|-----|
| 9  | Providing special repair to E.I in Type III Set no. 18,16,24,23, Type I Set no.1,13,10,217, Type II Set no.29 Mehli, Transit set no. 10,2,7,3,4, Type III Set no. 23,127,167,159,47,153,158,27,38,171,74,76,133,105,146,75,104 Kasumpti, Type I Set no.11,208,212 Kasumpti, Type III Set no. 79,7,87,68,82,47, Servant Q-10 Brockhurst, Block 6 Set no.1, Block 8 Set no. 5, Block 10 Set no.1 Ellerslie, Block 44 Set no. 823 New Shimla under ESD-II Shimla-2. | ₹98392 | 2000/- | 1 Month | 350/ | C&D |
| 10 | Replacement of old/defective batteries for 100KVA/100KW UPS (Eaton make) installed in AB block of Nirman Bhawan building HPPWD Shimla-2  | ₹95316 | 1900/- | 1Month  | 350/ | C&D |
| 11 | Providing additional alteration to E.I and replacement of damaged switchgear in various non residential buildings under ESD-II HPPWD Shimla-2  | ₹91732 | 1850/- | 1Month  | 350/ | C&D |
| 12 | Providing special repair to E.I in Type IV Outside Brockhurst, Type III Set no. 106,107,109 & Type VI Set no. 11 Mehli under ESD-II Shimla-2   | ₹99680 | 2000/- | 1 month | 350/ | C&D |

Note:

1. Copy of latest Enlistment/renewal and sale tax Clearance Certificate from the excise and taxation department and copy of PAN be submitted along with application.
2. Each tender form will be received from the interesting contractor in separate sealed envelope by writing the Sr. No. of work in sealed envelope.
3. No. contractor of his acerbated agent shall be permitted to participate in the condition unless he hold/ holds the wiring contractor license and has been duly registered in the appropriate class contractor in the department .
4. No. Person / persons shall be allowed to give the documents with regards to / Tender unless be / they hold / holds the power of attorney duly registered under law.

- 4
5. The tender form shall be issued on production of valid enlistment to appropriate class contractor in the department.
  6. The undersigned reserve the right to reject any or all tenders without any assigning reason.

  
Assistant Engineer  
Elect Sub Division No.II  
HP PWD Sectt. Shimla-2

No. ESD/HPPWD/Sectt/Tenders/2025-26/  
Copy forwarded to the following for information:-

636-33

dated 03-03-2026

1. The Executive Engineer, Electrical Division No.-I, HP PWD Shimla-9.
2. All contractor/Firms.
3. All J.E's under this subdivision.
4. The Notice Board of this office.

  
Assistant Engineer  
Elect. Sub Division No.II  
HP PWD Sectt. Shimla-2

## Certificate

It is certified that the Tender for above works are urgently required in Public Interest.



Assistant Engineer  
Elect. Sub Division No.II,  
HP PWD Sectt. Shimla-2

## Schedule of Quantity

Estimated Cost  
Earnest Money  
Time allotted₹ 90383  
₹ 1850  
1 month

Name of Work: Providing special repair to E.I in Benmore 8 ,NMH-7 ,N.M.House 8 ,NMH-5 ,NMH-6 Deputy CM at chotta Shimla under ESD II Shimla-171002 (H.P.)

| Sr.no | Item of work  | Qty | Unit | Rate       |  | Amount |
|-------|---|-----|------|------------|--|--------|
|       |   |     |      | In Figures | In Words                                 |        |
| 1     | Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLSont including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required. (For light plugs to be used in non residential buildings).   | 4   | each | 305        | Rupees three hundred and five only       | 1220   |
| 2     | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in PVC casing & capping as required .  | 7   | mtr  | 181        | Rupees one hundred and eighty one only   | 1267   |
| 2.1   | 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire  |     |      |            |  |        |
| 3     | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/recessed steel/PVC conduit as required.   | 42  | mtr  | 144        | Rupees one hundred and forty four only   | 6048   |
| 3.1   | 2 X 4 sq. mm + 1 X 4 sq. mm earth wire  | 77  | mtr  | 274        | Rupees Two Hundred and seventy four only | 21098  |
| 3.2   | 4 X 4 sq. mm + 2 X 4 sq. mm earth wire  |     |      |            |  |        |
| 4     | S/E of LED Batten with aluminium extrusion housing The fitting should be installed on existing surface The job includes carriage, erection, making connections testing and commissioning of the fittings.<br>Specification of LED fittings:<br>Wattage of LED fittings As per following parameter.<br>Total lumens of the fittings. as per wattage<br>Diffuser Polycarbonate diffuser/PMMA<br>Operating voltage 140 V to 270 V, AC supply or better.<br>Input frequency 50 Hz + 1 Hz<br>Power factor Minimum 0.90<br>Luminaire efficacy >100 lm/w<br>Color rendering index CRI shall be greater than 80<br>Working/ operating temperature 00 to + 450c or better<br>Color temperature 30000K + 10%<br>Electronic Driver |     |      |            |  |        |

Execd. Engineer,  
Electrical Division No-1,  
HPPWD, Kasumpti, Shimla-9

|     |   |  |   |      |     |                                     |      |
|-----|---|--|---|------|-----|-------------------------------------|------|
|     | 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  | 2 years against manufacturing defect.  |   |      |     |                                     |      |
|     | Failure   | Should comply with LM 79 test from UL/NABL Lab.  |   |      |     |                                     |      |
|     | 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 from the manufacturer. |   |      |     |                                     |      |
| 4.1 | Life of LED   | 50000 burning hours at 70% lumen maintenance   |   |      |     |                                     |      |
|     | LED battery 20W   |  | 8 | each | 860 | Supers Eight hundred and sixty only | 6880 |
|     | 5/6 of LED Downlighter round type surface 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/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 + 45°C or better   |   |      |     |                                     |      |
|     | Color temperature   | 3000K + 10%  |   |      |     |                                     |      |
|     | Electronic Driver   |  |   |      |     |                                     |      |
|     | Drive current (LED)   | As per OEM.  |   |      |     |                                     |      |
|     | Operating voltage   | 140 V to 270 V, AC supply or better.   |   |      |     |                                     |      |

5

|  |   |                                      |      |     |                                 |
|--|---|--------------------------------------|------|-----|---------------------------------|
| 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 | 2 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 25000 burning hours @70% lumen maintenance complying with LM 80 test report from the manufacturer.   |                                      |      |     |                                 |
| Life of LED                                    | 25000 burning hours at 70% lumen maintenance  |                                      |      |     |                                 |
| 5.1  | LED Downlighter round type surface 12 Watt  | 1                                    | each | 631 | Six hundred and thirty one only |
|  | S/E of LED Downlighter-round type surface 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/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               |      |     |                                 |
| 6  | Color temperature   | 30000K + 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%                        |      |     |                                 |

Executive Engineer,  
 Electrical Division No-1,  
 HPPWD, Kasumpti, Shimla-9

|     |  |   |   |      |     |  |
|-----|--|---|---|------|-----|--|
|     | 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                                 | 2 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 25000 burning hours @70% lumen maintenance complying with LM 80 test report from the manufacturer. |   |      |     |  |
|     | Life of LED  | 25000 burning hours at 70% lumen maintenance  |   |      |     |  |
| 6.1 | LED Downlighter round type surface   | 15 Watt   | 4 | each | 974 | Rupees Nine Hundred and seventy four only 3896 |
|     | S/E of-LED Downlighter round type surface 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/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  |   |      |     |  |
| 7   | Working/ operating temperature   | 00 to + 450c or better  |   |      |     |  |
|     | Color temperature  | 30000K + 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                                 | 2 years against manufacturing defect.   |   |      |     |  |
|     | Fixture  | Should comply with LM 79 test from UL/NABL lab.   |   |      |     |  |

Executive Engineer,  
Electrical Division No-  
HPPWD, Kasumpti, S

| LED Type/ Make/ Model |  | Power CREE/ OSRAM/ NICHIA/ Philips LUMILED with life more than 25000 burning hours @70% lumen maintenance complying with LM 80 test report from the manufacturer. |      |       |  |       |  |
|-----------------------|--|---|------|-------|--|-------|--|
| Life of LED           |  | 25000 burning hours at 70% lumen maintenance  |      |       |  |       |  |
| 7.1                   | LED Downlighter round type surface 18 Watt   | 1   | each | 844   | Rupees Eight hundred and forty four only                   | 844   |  |
|                       | S/E of LED Downlighter(recess)round type 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  | ±0000K + 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   | 2 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 25000 burning hours @70% lumen maintenance complying with LM 80 test report from the manufacturer. |      |       |  |       |  |
| Life of LED           |  | 25000 burning hours at 70% lumen maintenance  |      | 7     | each   | 627   | Rupees Six hundred and twenty seven only |
| 8.1                   | LED Downlighter(recess)round type 12 Watt  |   |      |       |  |       |  |
| 9                     | Supplying and fixing call bell/buzzer suitable for single phase,230V,complete as required.   | 1   | each | 91    | Rupees Ninety one only                                     | 91    |  |
| 10                    | Providing and installation of stationary storage type Electric water heater (Geyser o 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:- |   |      |       |  |       |  |
| 10.1                  | 25 Liter capacity water heater (Cat-A)   | 1   | each | 14683 | Rupees Fourteen thousand six hundred and eighty three only | 14683 |  |

  
 Executive Engineer,  
 Electrical Division No-1,  
 H.P.W.D, Kasumpti, Shimla

|              |   |    |      |       |  |              |
|--------------|---|----|------|-------|--|--------------|
| 11           | 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.   |    |      |       |  |              |
| 11.1         | 63 A DP   | 7  | each | 1479  | Rupees one thousand four hundred and seventy nine only | 10353        |
| 12           | Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc.as required   |    |      |       |  |              |
| 12.1         | 3 pin 5/6 A socket outlet   | 6  | each | 114   | Rupees One hundred and fourteen only                   | 684          |
| 13           | Supplying and fixing 5 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.  |    |      |       |  |              |
| 13.1         | Single pole   | 2  | each | 241   | Rupees two hundred and forty one only                  | 482          |
| 14           | 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:- |    |      |       |  |              |
| 14.1         | 15 Liter capacity water heater (Cat-A)  | 1  | each | 13068 | Rupees thirteen thousand and sixty eight only          | 13068        |
| 15           | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/recessed steel/PVC conduit as required.   |    |      |       |  |              |
| 15.1         | 3 X 1.5 sq.mm   | 18 | mtr  | 93    | Rupees Ninety three only                               | 1674         |
| 15.2         | 3 X 4 sq.mm   | 15 | mtr  | 205   | Rupees two hundred and five only                       | 3075         |
| <b>Total</b> |   |    |      |       |  | <b>90383</b> |

**Terms & Conditions:-**

- Rates should be quoted for all heights including all leads and lifts for internal and external works for all floor levels.
- Useful materials should be handed over to Assistant Engineer Electrical Sub Division II, HP Sectt Shimla, otherwise credit for useful material will be charged.
- Sample of all material to be used on work shall be got approved from Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian Standard in the market should conform to BIS.
- It is certify that the tender is being called on emergent nature in exigency of public interest.
- Credit for old/dismantled material will be recovered from the contractor on L/S basis @ 600 only

DNIT No. 34 for the year 2025-26 is duly approved amounting to ₹ 90383.00 only

Rupees Ninety thousand three hundred and eighty three only

Assistant Engineer  
Electrical Sub division no. II  
HPPWD Sectt Shimla-2

Executive Engineer  
Electrical Division no. 1  
HPPWD Shimla-9

**Schedule of Quantity**

Estimated Cost        ₹ 91824  
 Earnest Money        ₹1850  
 Time allotted         1 month


Name of Work: Replacement of old/defective batteries of 6KVA UPS installed in old conference hall of Nirman bhawan building Nigam Vihar Shimla-2.


| Sr.no | Item of work   | Qty | Unit | Rate       |   | Amount |
|-------|--|-----|------|------------|---|--------|
|       |  |     |      | In Figures | In Words  |        |
| 1     | Supply, installation, testing and commissioning of SMF batteries for 6KVA UPS (Emerson make) installed at old conference hall of Nirman Bhawan building of Capacity 42Ah, Nominal Voltage 12V. This shall include safe dismantling and removal of old batteries, providing batteries of approved make and specifications complete with all required, accessories, terminals, connectors, and interconnections. The contractor/firm shall provide warranty for 2 years for all batteries. Make: Exide, Quanta, Luminous or as approved by Engineer-in-charge. | 16  | each | 5739       | Rupees Five thousand seven hundred thirty nine only | 91824  |
|       | Note: Amount to the tune of ₹ 5800/- (58 X 100) shall be recovered from the contractor on account of buyback of old batteries and taking out the batteries from the building after installation of the new one's.  |     |      |            |   |        |
|       | <b>Total</b>   |     |      |            |   | 91824  |

**Terms & Conditions:-**

- i) Material shall conform to ISI/BIS standards and relevant Indian electricity rules.
- ii) Product must be brand new, unused and of current manufacture.
- iii) Heater body, heating element, thermostat, safety cut-off and power cord must meet prescribed safety norm.
- iv) Material shall carry a minimum warranty of 12 months from the date of supply.

DNIT No 34 for the year 2025-26 is duly approved amounting to ₹ 91824.00 only  
 Rupees Ninty one thousand eight hundred and twenty four only.

  
 Assistant Engineer  
 Electrical Sub division no.II  
 HPPWD Sectt Shimla-2

  
 Executive Engineer  
 Electrical Division no. 1  
 HPPWD Shimla-9

Executive Engineer,  
 Electrical Division No-1,  
 HPPWD, Kasumpti, Shimla-9

## Schedule of Quantity

Estimated Cost  
Earnest Money  
Time allotted

₹ 47147  
₹900  
1 Month

NAME OF WORK:- Replacement of Street Light & Downlighters in Various room in Adcl Director of Industries office at Malitha house chytta Shimla-2.

| Sr.no | Item of work  | Qty | Unit |      | In Words                                       | Amount<br>In Figures |
|-------|---|-----|------|------|--|----------------------|
| 1     | Providing and installation of LED street light with extruded aluminium heat sink, with anti glare polycarbonate diffuser and energy efficient constant current, Integral electronic driver; suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, including mounting clips & loop in loop out wire, connections, GI bracket testing and commissioning etc. as required. Make: Philips, Syska, GE, Bajaj, C&S, Panasonic or any other approved by Engineer-in-Charge as required:- |     |      |      |  |                      |
| 1.1   | LED street light 35 watt  | 5   | each | 2701 | Rupees Two Thousand seven hundred one          | 13505                |
| 2     | Providing and installation of following type of surface mounting square/round type LED panel light with aluminium die cast housing in white finish with anti glare polycarbonate diffuser and separated energy efficient constant current, non-integral electronic driver; suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing etc. as required: of Approved Make  |     |      |      |  |                      |
| 2.1   | Square/round LED Panel Light 10/12W Surface   | 6   | each | 1659 | Rupees One Thousand Six hundred fifty nine     | 9954                 |
| 2.2   | Square/round LED Panel Light 24W Surface  | 6   | each | 1887 | Rupees One Thousand Eight hundred eighty seven | 11322                |
| 2.3   | Square/round LED Panel Light 36W Surface  | 2   | each | 2145 | Rupees Two Thousand one hundred forty five     | 4290                 |
| 3     | Providing and installation of following type of recess mounting square/round type LED panel light with aluminium die cast housing in white finish with anti glare polycarbonate diffuser and separated energy efficient constant current, non-integral, electronic driver; suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing etc. as required: of Approved Make  |     |      |      |  |                      |
| 3.1   | Square/round LED Panel Light 36W recess   | 2   | each | 2145 | Rupees Two Thousand one hundred forty five     | 4290                 |
| 4     | Providing and installation of following type of LED batten with aluminium housing, anti glare polycarbonate diffuser and energy efficient constant current, integral electronic driver; suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, including mounting clamps, connections, testing etc. as required: of Approved Make  |     |      |      |  |                      |
| 4.1   | LED Batten Light 20W  | 6   | each | 631  | Rupees Six hundred thirty one                  | 3786                 |
|       | Total   |     |      |      |  | 47147                |


Terms & Conditions:-


Execd Engineer,  
Electrical Division No-1,  
HPPWD, Kasumpti, Shimla-

- i) Rate Should be quoted for all heights including all leads and lifts for internal and external work for all floor levels.
- ii) Useful materials should be handed over to the assistant engineer electrical sub division no-II shimla-2, otherwise credit to useful materials will be changed.
- iii) Sample of all the material to be used on work shall be got approved from the Engineer in charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should conform to Bureau of Indian Standards.
- IV) It is certified that the tender is being called on emergency nature in exigency of public interest.

Condition:- The credit for old dismantled material will be recovered from the contractor on L/S Basis @ Rs.800/- Only.

DNIT No **343** for the year 2025-26 is duly approved amounting to ₹ 47147/ only  
Rupees Ninety nine thousand three hundred and sixty five only.

  
Assistant Engineer  
Electrical sub division no. II  
HPPWD Sectt Shimla-2

  
Executive Engineer  
Electrical Division no. 1  
HPPWD Shimla-9

## Schedule of Quantity

Estimated Cost ₹ 99930

Earnest Money ₹ 2000

Time allotted 1 Month

Name Of Work-Providing Special repair to E1 in Kothi no-3 G.F, Type III sewt no-54,10,85,87,82,80,60,22,49,Sarvent Q no-46 Brockhurst. Ellerslie Cottage no-1, Type III set no-3,4 Spring Field, Below Pine no-1,Block no-2B set no-650 New shimla Under ESD-II Shimla-2.

| Sr No |  | Quantity | Units | Rate |                                      | Amount |
|-------|--|----------|-------|------|--------------------------------------|--------|
| 1     | 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 PVC casing & capping, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.                           |          |       |      |                                      |        |
| 1.1   | Group A  | 12       | Point | 746  | Rupees seven hundred forty six only  | 8952   |
| 2     | 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 piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required. |          |       |      |                                      |        |
| 2.1   | Group B  | 2        | point | 1026 | Rupees one thousand twenty six only  | 2052   |
| 3     | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in PVC casing & capping as required   |          |       |      |                                      |        |
| 3.1   | 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire   | 18       | mtrs  | 181  | Rupees one hundred eighty one only   | 3258   |
| 3.2   | 2 X 4 sq. mm + 1 X 4 sq. mm earth wire   | 1        | mtrs  | 287  | Rupees Two hundred eighty seven only | 287    |
| 4     | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.  |          |       |      |                                      |        |
| 4.1   | 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire   | 9        | Metre | 209  | Rupees Two hundred nine only         | 1881   |
| 5     | Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 A socket outlet and 5/6 A piano type switch, connections, painting etc. as required.  | 1        | each  | 305  | Rupees three hundred fifteen only    | 3660   |

  
 Engineer,  
 Electrical Division,  
 P.W.D. Shimla.


|   |   |   |      |     |                                      |      |
|---|---|---|------|-----|--------------------------------------|------|
| 6 | <p>Supplying and fixing metal box of 180mm X 100mm X 65mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/16 &amp; 15/16 A socket outlet and 15/16 A piano type switch, connections, painting etc. as required.</p> <p>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.</p> <p>Specification of LED fittings:</p> <p>Wattage of LED fittings As per following parameter.</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 better.</p> <p>Input frequency 50 Hz + 1 Hz</p> <p>Power factor Minimum 0.90</p> <p>Luminarie efficacy &gt;100 lm/w</p> <p>Color rendering index CRI shall be greater than 80</p> <p>Working/ operating temperature 00 to + 450c or better</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 better</p> <p>Type of driver Constant current output driver</p> <p>THD Less than 10%</p> <p>Surge Protection 2.5 KV minimum</p> <p>Efficiency Driver &gt;85%</p> <p>Protection Shall have under voltage and over voltage protection.</p> <p>Guarante of LED fittings including LED driver 2 years against manufacturing defect.</p> <p>Fixture Should comply with LM 79 test from UL/NABL lab.</p> <p>LED Type/ Make/ Model Power CREE/ OSRAM/ NICHIA/ Philips</p> <p>LUMILED with life more than 25,000 burning hours @70% lumen maintenance complying with LM 80 test report from the manufacturer.</p> <p>Life of LED 25000 burning hours at 70% lumen maintenance</p> | 4 | each | 441 | Rupees four hundred twenty five only | 1764 |
| 7 |   |   |      |     |                                      |      |

Executive Engineer,  
Electrical Division No-1,  
H.P.W.D, Kozhikode, Shamba-9

| Description  |  |    |      |  |  |      |
|--|--|----|------|--|--|------|
|  | Lumen output of the fitting  |    |      |  |  |      |
| 7.1  | LED Batten 10 watt   | 1  | Each | 547  | Rupees five hundred forty seven only               | 547  |
| 7.2  | LED Batten 20 watt   | 11 | Each | 631  | Rupees six hundred thirty one only                 | 6941 |
| 8  | S/E of LED Downlighter surface square with CRCA/PDC 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.  |    |      |  | Rupees Two Thousand one hundred ninety six only    |      |
|  | Total lumens of the fittings. as below   |    |      |  |  |      |
|  | Diffuser polycarbonate diffuser/PMMA   |    |      |  | Rupees one Thousand one hundred twenty six only    |      |
|  | Operating voltage 140 V to 270 V, AC supply or better.   |    |      |  |  |      |
|  | Input frequency 50 Hz + 1 Hz   |    |      |  | Rupees Two Thousand one hundred fifty six only     |      |
|  | Power factor Minimum 0.90  |    |      |  | Rupees Two Thousand four hundred ninety five only  |      |
|  | Luminaire efficacy >100 lm/w   |    |      |  | Rupees eighty nine only                            |      |
|  | Color rendering index CRI shall be greater than 80   |    |      |  |  |      |
|  | Working/ operating temperature 00 to + 450c or better  |    |      |  | Rupees forty one only                              |      |
|  | Color temperature 60000K + 10%   |    |      |  | Rupees fifty nine only                             |      |
|  | Electronic Driver  |    |      |  | Rupees ninety four only                            |      |
|  | Drive current (LED) As per OEM.  |    |      |  | Rupees one hundred ten only                        |      |
|  | Operating voltage 140 V to 270 V AC supply or better   |    |      |  |  |      |
|  | Type of driver Constant current output driver  |    |      |  | Rupees two hundred twelve only                     |      |
| THD Less than 10%  |  |    |      |  |  |      |
| Surge Protection 2.5 KV minimum  |  |    |      | Rupees Two hundred six only                    |  |      |
| Efficiency Driver >85%   |  |    |      | Rupees ninety one only                         |  |      |
| Protection Shall have under voltage and over voltage protection.   |  |    |      |  |  |      |
| Guarantee of LED fittings including LED driver 2 years against manufacturing defect.   |  |    |      | Rupees Two hundred forty one                   |  |      |
| 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. |  |    |      | Rupees Two Thousand five hundred seventy only. |  |      |
| Life of LED 25000 burning hours at 70% lumen maintenance   |  |    |      |  |  |      |
| Description  |  |    |      |  | Rupees one Thousand four hundred seventy nine only |      |

Executive Engineer,  
Electrical Division No-1,  
HPPWD, Kasumpti, Shimla

| Lumen output of the fitting |   |   |      |      |   |       |
|-----------------------------|---|---|------|------|---|-------|
| 8.1                         | Downlighter 18 watt   | 8 |      | 1811 | Rupees one Thousand eight hundred eleven only   | 14488 |
| 9                           | Providing and installation ventilating fan of following sizes in the existing opening, 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  |   |      |      |   |       |
| 9.1                         | Ventilating Fan 250 mm sweep  | 4 | each | 2196 | Rupees Two Thousand one hundred ninety six only | 8784  |
| 9.2                         | Ventilating Fan 200 mm sweep  | 2 | Each | 2036 | Rupees Two Thousand thirty six only             | 4072  |
| 10                          | Providing and installation of following type of LED Bulk Head with PDC/CRCA housing (aluminium extrusion), anti glare polycarbonate diffuser, surge protection 2 KV luminaire efficacy > 85lm/Watt with minimum 50000 burning hours, THD < 15% in white finish industrial grade IP 65 rated and separated energy efficient constant current, non-integral, electronic driver; relevant LM 79/80 compliance from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required: of Approved Make |   |      |      |   |       |
| 10.1                        | LED Bulk Head Light 10W   | 5 | Each | 1126 | Rupees one Thousand one hundred twenty six only | 5630  |
| 11                          | Supplying and fixing of fancy pendant Light suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, lamp holder, but excluding lamp including making connections, testing etc. as required: of Approved Make  |   |      |      |   |       |
| 11.1                        | fancy pendant Light Single Lamp   | 1 | each | 1000 | Rupees one Thousand only                        | 1000  |
| 11.2                        | fancy pendant 3 no Lamp   | 3 | each | 2800 | Rupees Two Thousand eight hundred only          | 8400  |
| 12                          | Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.  |   |      |      |   |       |
| 12.1                        | 5/6 amps switch   | 5 | Each | 88   | Rupees eighty eight only                        | 440   |
| 12.2                        | 5/6 amps Socket   | 5 | each | 114  | Rupees one hundred fourteen only                | 570   |
| 13                          | Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.  |   |      |      |   |       |
| 13.1                        | S.P. 5/6 amps, one way Pianoswitch, ISI marked  | 5 | each | 41   | Rupees forty one only                           | 205   |

Exp.  Engineer,  
Electrical Division No-1,  
HPPWD, Kuzumpu, Shimla-9

|      |   |   |      |       |  |       |
|------|---|---|------|-------|--|-------|
| 14   | Providing and installation of instant Electric water heater (Geyser) of various sizes with 8 bar pressure rating 3kw element 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:-                          |   |      |       |  |       |
| 14.1 | 3 Liter capacity water heater (Cat-A)   | 2 | Each | 5183  | Rupees five Thousand one hundred eighty three only     | 10366 |
| 15   | 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:- |   |      |       |  |       |
| 15.1 | 25 Liter capacity water heater (Cat-A)  | 1 | Each | 14683 | Rupees fourteen Thousand six hundred eighty three only | 14683 |
| 16   | Providing and installation of following type of LED Garden light suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories if required including connections, testing and commissioning etc. as required. Make: Philips, GOLDMEDAL, JAQUAR or any other approved by Engineer-in-Charge.  |   |      |       |  |       |
| 16.1 | Garden Light 7 watt   | 3 | Each | 650   | Rupees six hundred fifty only                          | 1950  |
| 17   |   |   |      |       |  | 99930 |

**Terms & Conditions:-**

- Rate Should be quoted for all heights including all leads and lifts for internal and external work for all floor levels.
  - Useful materials should be handed over to the assistant engineer electrical sub division no-II shimla-2, otherwise credit to useful materials will be changed.
  - Sample of all the material to be used on work shall be got approved from the Engineer in charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should Confirm to bureau of Indian standards.
  - It is certify that the tender is being called on emergent nature in exigency of public interest.
- Condition:- The credit for old dismantled material will be recovered from the contractor on L/S Basis @ Rs.1000/- Only.

DNIT No

340

for the year 2025-26 is duly approved amounting to ₹ 99930/ only  
Rupees Ninty nine thousand nine hundred and thirty only.

Assistant Engineer  
Electrical Sub division no. II  
HPPWD Sectt Shimla-2

Executive Engineer  
Electrical Division no. 1  
HPPWD Shimla-9

**Schedule of Quantity**

**Estimated Cost  
Earnest Money  
Time allotted**

**₹ 50220  
₹1000  
1 Month**

| Name of Work: Replacement of damaged sub main wire in Block D Type IV set no-25 to 32 Out side Brokhurst under ESD -II Shimla-2. |   |     |      |      |                          |            |
|--|---|-----|------|------|--------------------------|------------|
|  | Item of work  | Qty | Unit | Rate | Amount                   |            |
|  |   |     |      |      | In Words                 | In Figures |
|  | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in PVC Conduit as required |     |      |      |                          |            |
| 1.1  | 2 X10 sq. mm +1 X 6 sq. mm earth wire   | 90  | Mtrs | 558  | Five Hundred fifty Eight | 50220      |
|  | <b>Total</b>  |     |      |      |                          | 50220      |

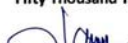
**Terms & Conditions:-**

- i) Rate Should be quoted for all heights including all leads and lifts for internal and external work for all floor levels.
- ii) Useful materials should be handed over to the assistant engineer electrical sub division no-II shimla-2, otherwise credit to useful materials will be changed.
- iii) Sample of all the material to be used on work shall be got approved from the Engineer in charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should Confirm to bureau of indian standards.
- IV) It is certify that the tender is being called on emergent nature in exigency of public interest.

Condition:- The credit for old dismantled material will be recovered from the contractor on L/S Basis @ Rs.500/- Only.

DNIT No <sup>352</sup> for the year 2025-26 is duly approved amounting to ₹ 50220/ only

Fifty Thousand Two hundred twenty only .

  
Assistant Engineer  
Electrical Sub division no.II  
HPPWD Sectt Shimla-2

  
Executive Engineer  
Electrical Division no. 1  
HPPWD Shimla-9

## Schedule of Quantity

Estimated Cost ₹ 95316  
 Earnest Money ₹ 1900  
 Time allotted 1 month


Name of Work: Providing 12 V,65Ah Sealed Maintenance free (SMF) batteries for 100KVA/100KW UPS installed in Nirman Bhawan building, Nigam Vihar HPPWD Shimla-2.


| Sr.no | Item of work  | Qty | Unit | Rate       |   | Amount |
|-------|---|-----|------|------------|---|--------|
|       |   |     |      | In Figures | In Words  |        |
| 1     | Supply, installation,testing and commissioning of SMF batteries for 100KVA UPS installed at Block AB of Nirman Bhawan building of Capacity 65Ah,Nominal Voltage 12V . This shall includes safe dismantling and removal of old batteries, providing batteries of approved make and specifications complete with all required, accessories,terminals,connectors,and interconnections. The contractor/firm shall provide warranty for 2 years for all batteries. Make: Exide,Quanta,Luminous or as approved by Engineer-in-charge. | 12  | each | 7943       | Rupees Seven Thousand Nine Hundred and forty three only | 95316  |
| Total |   |     |      |            |   | 95316  |

## Terms &amp; Conditions:-

- Batteries must be installed by authorized technician/firm.
- 2 years warranty of the batteries shall be started from the date of successful installation at the site.
- Sample of all material to be used on work shall be got approved from Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian Standard in the market should conform to BIS.
- It is certify that the tender is being called on emergent nature in exigency of public interest.
- Credit for old/dismantled batteries will be recovered from the contractor at the rate of ₹ 180 per battery.

DNIT No. 53 for the year 2025-26 is duly approved amounting to ₹ 95316.00 only  
 Rupees Ninety five thousand three hundred and sixteen only

  
 Assistant Engineer  
 Electrical Sub division no. II  
 HPPWD Sectt Shimla-2

  
 Executive Engineer  
 Electrical Division no. 1  
 HPPWD Shimla-9

## Schedule of Quantity



Estimated Cost ₹ 71170  
Earnest Money ₹ 1500

Time Allotted 1 month

Name of work: Providing repair and maintenance of existing fancy wall brackets, chandeliers, and replacement of defective fixtures in Governor's Rest House, Chotta Shimla - 171002

| Sr.no | ITEM OF WORK  | QTY   | RATE  | UNIT | AMOUNT   |
|-------|---|---|-------|------|--|
| 1     | 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:- |   |       |      |  |
| 1.1   | 25 Liter capacity water heater (Cat-A)  | 1   | 14683 | Each | Rupees Fourteen thousandsix hundred eight three<br>14683 |
|       | S/E of LED Downlighter surface square with CRCA/PDC 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:  |   |       |      |  |
| A.    | Wattage of LED fittings   | As per following parameter.                     |       |      |  |
| B     | Lumen output of the fitting   | as below  |       |      |  |
| C     | Diffuser  | Polycarbonate diffuser/pmma                     |       |      |  |
| D     | Operating voltage   | 140 V to 270 V, AC supply or                    |       |      |  |
| E     | Input frequency   | 50 Hz $\pm$ 1 Hz                                |       |      |  |
| F     | Power factor  | Minimum 0.90                                    |       |      |  |
| G     | Luminaire efficacy  | $\geq$ 85 lm/w                                  |       |      |  |
| H     | Color rendering index   | CRI shall be greater than 80                    |       |      |  |
| I     | Working/ operating temperature  | 0 <sup>o</sup> to + 45 <sup>o</sup> c or better |       |      |  |
| J     | Color temperature   | 6000 <sup>o</sup> K $\pm$ 10%                   |       |      |  |
| K     | Electronic Driver   |   |       |      |  |
| i)    | Drive current (LED)   | As per OEM.                                     |       |      |  |
| ii)   | Operating voltage   | 140 V to 270 V AC supply or                     |       |      |  |
| iii)  | Type of driver  | Constant current output driver                  |       |      |  |

|  |  |  |   |      |      |  |
|--|--|--|---|------|------|--|
| iv)  | THD  | Less than 10%  |   |      |      |  |
| v)   | Surge Protection                               | 2.5 KV minimum   |   |      |      |  |
| vi)  | Efficiency Driver                              | >85%   |   |      |      |  |
| vii)   | Protection                                     | Shall have under voltage and over voltage protection.  |   |      |      |  |
| L  | Guarantee of LED fittings including LED driver | 2 years against manufacturing defect.  |   |      |      |  |
| M  | Fixture  | Should comply with LM 79 test from UL/NABL lab.  |   |      |      |  |
| N  | 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 from the manufacturer. |   |      |      |  |
| O  | Life of LED                                    | 50000 burning hours at 70% lumen maintenance   |   |      |      |  |
| Sr. No.  | Lumen output of the fitting                    |  |   |      |      |  |
| 2.1  | LED Down Lighter 10 watt (Recess)              |  | 9 | each | 1316 | Rupees one thousand three hundred sixteen only 11844 |
| 2.2  | LED Down Lighter 15 watt (Recess)              |  | 1 | each | 1515 | Rupees one thousand five hundred fifteen only 1515   |
| 2.3  | LED Down Lighter 18 watt (Surface)             |  | 1 | each | 1811 | Rupees one thousand eight hundred eleven only 1811   |
| 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:   |  |  |   |      |      |  |
| A.   | Wattage of LED fittings                        | As per following parameter.  |   |      |      |  |
| B.   | Total lumens of the fittings.                  | as below   |   |      |      |  |
| C.   | Diffuser                                       | Polycarbonate diffuser/PMMA  |   |      |      |  |
| D.   | Operating voltage                              | 140 V to 270 V, AC supply or   |   |      |      |  |
| E.   | Input frequency                                | 50 Hz $\pm$ 1 Hz   |   |      |      |  |
| F.   | Power factor                                   | Minimum 0.90   |   |      |      |  |
| G.   | Luminaire efficacy                             | >100 lm/w  |   |      |      |  |
| H.   | Color rendering index                          | CRI shall be greater than 80   |   |      |      |  |
| I.   | Working/ operating temperature                 | 0 <sup>o</sup> to + 45 <sup>o</sup> c or better  |   |      |      |  |
| J.   | Color temperature                              | 6000 <sup>o</sup> K $\pm$ 10%  |   |      |      |  |



|         |  |  |  |      |      |                                      |      |
|---------|--|--|--|------|------|--------------------------------------|------|
| 3       | K  | Electronic Driver                              |  |      |      |                                      |      |
|         | i)   | Drive current (LED)                            | As per OEM.  |      |      |                                      |      |
|         | ii)  | Operating voltage                              | 140 V to 270 V AC supply or  |      |      |                                      |      |
|         | iii)   | Type of driver                                 | Constant current output driver   |      |      |                                      |      |
|         | iv)  | THD  | Less than 10%  |      |      |                                      |      |
|         | v)   | Surge Protection                               | 2.5 KV minimum   |      |      |                                      |      |
|         | vi)  | Efficiency Driver                              | >85%   |      |      |                                      |      |
|         | vi)  | Protection                                     | Shall have under voltage and   |      |      |                                      |      |
|         | L  | Guarantee of LED fittings including LED driver | 2 years against manufacturing defect.  |      |      |                                      |      |
|         | M  | Fixture  | Should comply with LM 79 test from UL/NABL lab.  |      |      |                                      |      |
|         | N  | 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. |      |      |                                      |      |
| O       | Life of LED  | 25000 burning hours at 70% lumen maintenance   |  |      |      |                                      |      |
| Sr. No. | Description  |  |  |      |      |                                      |      |
|         | Lumen output of the fitting  |  |  |      |      |                                      |      |
| 3.1     | LED Batten 10 watt   |  | 4  | each | 547  | Rupees five hundred forty seven only | 2188 |
| 3.2     | LED Batten 20 watt   |  | 7  | each | 631  | Rupees six hundred thirty one only   | 4417 |
| 4       | P/F environmental friendly, ultra modern, energy saving, surface mounted, decorative over bulk head edge-lit LED luminaire AC 220-240 V, 50/60Hz comprising of high brightness LEDs complete with connections testing & commissioning etc as required. LED bulb 9W approved make syska havells bajaj or any other approved by engineer in charge |  |  |      |      |                                      |      |
| 4.1     | LED Bulb 9 W   |  | 22   | each | 120  | Rupees one hundred twenty only       | 2640 |
| 5       | 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 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.  |  | 1  | 544  | Each | Rupees five hundred forty four only  | 544  |

|       |   |    |      |       |  |      |
|-------|---|----|------|-------|--|------|
| 6     | 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).  | 1  | 639  | Each  | Rupees six hundred thirty nine only            | 639  |
| 7     | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.   |    |      |       |  |      |
| 7.1   | 3 x 1.5 sq. mm  | 5  | 93   | Metre | Rupees ninty three only                        | 465  |
| 7.2   | 3 x 4 sq. mm  | 5  | 205  | Metre | Rupees two hundred five only                   | 1025 |
| 8     | Providing and installation ventilating fan of following sizes in the existing opening, 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  |    |      |       |  |      |
| 8.1   | Ventilating Fan200mm  | 1  | 1716 | Each  | Rupees one thousand seven hundred sixteen only | 1716 |
| 9     | Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.  |    |      |       |  |      |
| 9.1   | 5/6 amps switch   | 1  | 88   | Each  | Rupees Eighty eight only                       | 88   |
| 9.2   | 15/16 A switch  | 2  | 143  | Each  | Rupees one hundred forty three only            | 286  |
| 9.3   | 3 pin 5/6 A socket outlet   | 1  | 114  | Each  | Rupees one hundred fourteen only               | 114  |
| 9.4   | 6 pin 15/16 A socket outlet   | 2  | 186  | Each  | Rupees onehundred eighty six only              | 372  |
| 10    | Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.   |    |      |       |  |      |
| 10.01 | 6 Module  | 2  | 164  | Each  | Rupees one hundred sixty four only             | 328  |
| 11    | Providing repair and maintenance of existing LED double wall brackets installed in various rooms by:Replacing defective LED drivers with new ones of suitable rating,Replacing defective LED chips with new high-efficiency chips, Ensuring each unit is restored to full working condition suitable for operation on 220V, 50Hz AC supply The job includes opening, refixing of existing wall brackets, transportation, and all incidental materials and labour required to make the fixtures fully functional, complete in all respect to the best satisfaction of engineer in charge | 15 | 550  | P/Job | Rupees Five hundred fifty only                 | 8250 |

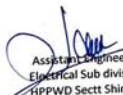
|       |  |   |      |       |   |       |
|-------|--|---|------|-------|---|-------|
| 12    | Providing Repair and maintenance of LED fancy hanging fixtures (each with 3 LED fancy lights) by replacing defective drivers and chips, including opening, refixing, transportation, and making the fixtures fully functional on 220V, 50Hz AC supply complete in all respect to the best satisfaction of engineer in charge   | 3 | 790  | P/Job | Rupees seven hundred ninety only                    |       |
| 13    | Providing repair and maintenance of existing LED chandeliers installed in various rooms by carrying out the following works: Replacement of defective LED drivers with new ones of suitable rating, Replacement of defective LED chips with new, high-efficiency multicolour (RGB or similar) emitting chips, Ensuring each unit is fully restored to proper working condition, suitable for continuous operation on 220 Volts, 50 Hz AC supply. The scope of work includes opening, dismantling (if required), and refixing of the existing chandeliers, including all incidental materials, labour, and consumables necessary to make the fixtures fully operational. The job shall be completed in all respects to the entire satisfaction of the Engineer-in-Charge. | 5 | 3175 | P/Job | Rupees three thousand one hundred seventy five only | 2370  |
| Total |  |   |      |       |   | 15875 |
|       |  |   |      |       |   | 71170 |


**Terms & Conditions:-**

- i) Rate Should be quoted for all heights including all leads and lifts for internal and external work for all floor levels.
- ii) Useful materials should be handed over to the assistant engineer electrical sub division no-II shimla-2, otherwise credit to useful materials will be charged.
- iii) Sample of all the material to be used on work shall be got approved from the Engineer in charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should Confirm to bureau of Indian standards.
- IV) It is certify that the tender is being called on emergent nature in exigency of public interest.

Condition:- The credit for old dismantled material will be recovered from the contractor on L/S Basis @ Rs.1000/- Only.

DNIT No 354 for the year 2025-26 is duly approved amounting to ₹ 99680/ only  
Rupees Ninty nine thousand three hundred and sixty five only.

  
Assistant Engineer  
Electrical Sub division no. II  
HPPWD Sectt Shimla-2

  
Executive Engineer,  
Electrical Division No-1,  
HPPWD, Kasumpti, Shimla-9

Executive Engineer  
Electrical Division no. 1  
HPPWD Shimla-9

**Schedule of Quantity**

Estimated Cost  
Earnest Money  
Time allotted

₹ 95316  
₹ 1900  
1 month


**Name of Work:** Providing special repair to 100KVA/100KW Eaton make UPS installed in Nirman Bhawan building HPPWD Shimla-2.


| Sr.no        | Item of work   | Qty | Unit | Rate       |   | Amount |
|--------------|--|-----|------|------------|---|--------|
|              |  |     |      | In Figures | In Words  |        |
| 1            | Supply, installation, testing and commissioning of SMF batteries for 100KVA UPS installed at Block AB of Nirman Bhawan building of Capacity 65Ah, Nominal Voltage 12V. This shall include safe dismantling and removal of old batteries, providing batteries of approved make and specifications complete with all required, accessories, terminals, connectors, and interconnections. The contractor/firm shall provide warranty for 2 years for all batteries. Make: Exide, Quanta, Luminous or as approved by Engineer-in-charge. | 12  | each | 7943       | Rupees Seven Thousand Nine Hundred and forty three only | 95316  |
| <b>Total</b> |  |     |      |            |   | 95316  |

**Terms & Conditions:-**

- i) Batteries must be installed by authorized technician/firm.
- ii) 2 years warranty of the batteries shall be started from the date of successful installation at the site.
- iii) Sample of all material to be used on work shall be got approved from Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian Standard in the market should conform to BIS.
- iv) It is certified that the tender is being called on emergent nature in exigency of public interest.
- v) Credit for old/dismantled batteries will be recovered from the contractor at the rate of ₹ 180 per battery.

DNIT No 355 for the year 2025-26 is duly approved amounting to ₹ 95316.00 only  
Rupees Ninty five thousand three hundred and sixteen only

  
Assistant Engineer  
Electrical Sub division no. II  
HPPWD Sectt Shimla-2

  
Executive Engineer  
Electrical Division no. 1  
HPPWD Shimla-9

## Schedule of Quantity



Estimated Cost ₹ 98392  
 Earnest Money ₹ 2000  
 Time Allotted 1 month

Name of Work:--Providing Special repair to E.I in Type III set no-18,16,24,23. Type I set 1,13,10,217, Type II set no-29 Melhi. Transit set no-10,2,7,3,4. Type III set no-23,157,167,159,47,153,158,27,38,171,74,76,133,105,146,75,104 Kasumpti. Type I set no-11,208,212 Kasumpti, Type III set no-79,7,87,68,82,47, Sarvent Q-10 Brokhaust. Block 6 set no.1, Block no-8 set no-5, Block no- 10 set no-1 Ellerslie, Block 44 set no- 823 New Shimla Under ESD -II Shimla-2.

| Sr No |  | Quantity | Units | Rate |                                      | Amount |
|-------|--|----------|-------|------|--------------------------------------|--------|
| 1     | 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 PVC casing & capping, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.                           |          |       |      |                                      |        |
| 1.1   | Group A  | 4        | Point | 746  | Rupees Seven hundred forty six only  | 2984   |
| 2     | 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 piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required. |          |       |      |                                      |        |
| 2.1   | Group A  | 14       | Point | 852  | Rupees Eight hunder fifty two only   | 11928  |
| 3     | Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 A socket outlet and 5/6 A piano type switch, connections, painting etc. as required.  | 19       | Each  | 305  | Rupees three hundred five only       | 5795   |
| 4     | Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 A socket outlet and 15/16 A piano type switch, connections, painting etc. as required.   | 13       | Each  | 441  | Rupees four hundred forty one only   | 5733   |
| 5     | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in PVC casing & capping as required   |          |       |      |                                      |        |
| 5.1   | 2 X 4 sq. mm + 1 X 4 sq. mm earth wire   | 17       | mtrs  | 287  | Rupees two hundred einhty seven only | 4879   |

E-1

|  |  |    |      |     |                                   |      |
|--|--|----|------|-----|-----------------------------------|------|
| 6  | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.                |    |      |     |                                   |      |
| 6.1  | 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire   | 23 | mtrs | 209 | Rupees two hundred nine only      | 4807 |
| 6.2  | 2 X 4 sq. mm + 1 X 4 sq. mm earth  | 2  | mtrs | 315 | Rupees Three hundred fifteen only | 630  |
| 7  | 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 below   |    |      |     |                                   |      |
|  | 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 0° to + 45°c or better  |    |      |     |                                   |      |
|  | Color temperature 6000°K ± 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 2 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. |  |    |      |     |                                   |      |

EE

|      | Life of LED   | 25000 burning hours at 70% lumen maintenance |    |      |      |  |       |
|------|---|--|----|------|------|--|-------|
|      | Description   |  |    |      |      |  |       |
|      | Lumen output of the fitting   |  |    |      |      |  |       |
| 7.1  | LED Batten 10 watt  |  | 3  | Each | 547  | Rupees five hundred forty seven only           | 1641  |
| 7.2  | LED Batten 20 watt  |  | 39 | Each | 631  | Rupees six hundred thirty one only             | 24609 |
| 8    | Providing and installation of following type of LED Bulk Head with PDC/CRCA housing (aluminium extrusion), anti glare polycarbonate diffuser, surge protection 2 KV luminaire efficacy > 85lm/Watt with minimum 50000 burning hours, THD < 15% in white finish industrial grade IP 65 rated and separated energy efficient constant current, non-integral, electronic driver; relevant LM 79/80 compliance from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required: of Approved Make |  |    |      |      |  |       |
| 8.1  | LED Bulk Head Light 10W   |  | 3  | Each | 1126 | Rupees One thousand one hundred                | 3378  |
| 9    | 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.  |  |    |      |      |  |       |
| 9.1  | Exhaust Fan, Light duty, (Domestic) 225/230 mm sweep  |  | 6  | Each | 2156 | Rupees two thousand one hundred fifty six only | 12936 |
| 10   | Providing and installation ventilating fan of following sizes in the existing opening, 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  |  |    |      |      |  |       |
| 10.1 | Exhaust Fan, 200 mm sweep   |  | 2  | Each | 2036 | Rupees two thousand thirty six only            | 4072  |
| 11   | Supplying and fixing PVC batten/ angle holder including connections etc. as required.   |  | 27 | Each | 89   | Rupees Eighty nine only                        | 2403  |
| 12   | Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.  |  |    |      |      |  |       |
| 12.1 | 5/6 amps switch   |  | 23 | Each | 41   | Rupees forty one only                          | 943   |
| 12.2 | 3 pin 5/6 A socket outlet   |  | 14 | Each | 59   | Rupees fifty nine only                         | 826   |
| 12.3 | 15/16 A switch  |  | 14 | Each | 94   | Rupees ninety four only                        | 1316  |
| 12.4 | 6 pin 15/16 A socket outlet   |  | 18 | Each | 110  | Rupees one hundred ten only                    | 1980  |
| 12.5 | Bell push   |  | 1  | Each | 67   | Rupees Sixty seven only                        | 67    |
| 13   | Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.  |  | 6  | Each | 91   | Rupees ninety one only                         | 546   |

|      |   |   |      |      |  |       |
|------|---|---|------|------|--|-------|
| 14   | 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. |   |      |      |  |       |
| 14.1 | 63 A DP   | 4 | Each | 1549 | Rupees one thousand five hundred forty | 6196  |
| 15   | Supplying and fixing 5 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.            |   |      |      |  |       |
| 15.1 | Single pole   | 3 | Each | 241  | Rupees Two hundred forty one only      | 723   |
|      | Total   |   |      |      |  | 98392 |

**Terms & Conditions:-**

- i) Rate Should be quoted for all heights including all leads and lifts for internal and external work for all floor levels.
- ii) Useful materials should be handed over to the assistant engineer electrical sub division no-II shimla-2, otherwise credit to useful materials will be charged.
- iii) Sample of all the material to be used on work shall be got approved from the Engineer in charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should Confirm to bureau of indian standards.
- IV) It is certify that the tender is being called on emergent nature in exigency of public interest.

Condition:- The credit for old dismantled material will be recovered from the contractor on L/\$ Basis @ Rs.1000/- Only.

DNIT No 356 for the year 2025-26 is duly approved amounting to ₹ 98392/ only  
Rupees Ninty nine thousand three hundred and sixty five only.

Assistant Engineer  
Electrical Sub division no.II  
HPPWD Sectt Shimla-2

Executive Engineer  
Electrical Division no-1  
HPPWD Shimla-9.

**Schedule of Quantity**

Estimated Cost                    ₹ 95316  
 Earnest Money                 ₹ 1900  
 Time allotted                     1 month


**Name of Work:** Replacement of old/defective batteries for 100KVA/100KW UPS (Eaton make) installed in AB block of Nirman Bhawan building HPPWD Shimla-2

| Sr.no | Item of work   | Qty | Unit | Rate       |   | Amount |
|-------|--|-----|------|------------|---|--------|
|       |  |     |      | In Figures | In Words  |        |
| 1     | Supply, installation, testing and commissioning of SMF batteries for 100KVA UPS installed at Block AB of Nirman Bhawan building of Capacity 65Ah, Nominal Voltage 12V. This shall include safe dismantling and removal of old batteries, providing batteries of approved make and specifications complete with all required, accessories, terminals, connectors, and interconnections. The contractor/firm shall provide warranty for 2 years for all batteries. Make: Exide, Quanta, Luminous or as approved by Engineer-in-charge. | 12  | each | 7943       | Rupees Seven Thousand Nine Hundred and forty three only | 95316  |
|       | <b>Total</b>   |     |      |            |   | 95316  |

**Terms & Conditions:-**

- i) Batteries must be installed by authorized technician/firm.
- ii) 2 years warranty of the batteries shall be started from the date of successful installation at the site.
- iii) Sample of all material to be used on work shall be got approved from Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian Standard in the market should conform to BIS.
- iv) It is certified that the tender is being called on emergent nature in exigency of public interest.
- v) Credit for old/dismantled batteries will be recovered from the contractor at the rate of ₹ 180 per battery.

DNIT No 357 for the year 2025-26 is duly approved amounting to ₹ 95316.00 only  
 Rupees Ninty five thousand three hundred and sixteen only

  
 Assistant Engineer  
 Electrical Sub division no.II  
 HPPWD Sectt Shimla-2

  
 Executive Engineer  
 Electrical Division no. 1  
 HPPWD Shimla-9

## Schedule of Quantity



Estimated Cost  
Earnest Money  
Time allotted

₹ 91732  
₹ 1850  
1 month

Name of Work: Providing additional alteration to E.I and replacement of damaged switchgear in various non residential buildings under ESD-II HPPWD Shimla-2.

| Sr.no | Item of work  | Qty | Unit | Rate       |  | Amount |
|-------|---|-----|------|------------|--|--------|
|       |   |     |      | In Figures | In Words   |        |
| 1     | 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 steel 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. |     |      |            |  |        |
| 1.1   | Group c   | 4   | each | 1873       | Rupees One thousand eight hundred seventy three only   | 7492   |
| 2     | 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  | 3   | each | 431        | Rupees Four Hundred and thirty one only                | 1293   |
| 3     | 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 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.   | 4   | each | 544        | Rupees Five Hundred and forty four only                | 2176   |
| 4     | Supplying and fixing 5 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.  |     |      |            |  |        |
| 4.1   | Single pole   | 15  | each | 241        | Rupees Two Hundred and forty one only                  | 3615   |
| 5     | Supplying and fixing following rating, followings poles 10ka 240/415v 'C' curves miniature circuit braker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required   |     |      |            |  |        |
| 5.1   | 40 A DP   | 3   | each | 1330       | Rupees One thousand three hundred and thirty only      | 3990   |
| 5.2   | 63 A DP   | 4   | each | 1479       | Rupees One Thousand four hundred and seventy nine only | 5916   |
| 6     | Supplying and fixing following rating, following pole, (single phase and neutral), 240/415 V( four pole ), 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   |     |      |            |  |        |
| 6.1   | 40 A DP   | 4   | each | 2729       | Rupees Two Thousand seven hundred and twenty nine only | 10916  |
| 6.2   | 63 A DP   | 5   | each | 2812       | Rupees Two thousand eight hundred and twelve only      | 14060  |
| 7     | 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)                                      |     |      |            |  |        |

|      |   |    |      |      |   |       |
|------|---|----|------|------|---|-------|
| 7.1  | 3 way, Double door  | 4  | each | 2570 | Rupees Two thousand five hundred and seventy only     | 10280 |
| 8    | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required  |    |      |      |   |       |
| 8.1  | 3 x 1.5 sq. Mm  | 45 | mtr  | 93   | Rupees Ninety three only                              | 4185  |
| 8.2  | 3 x 2.5 sq. Mm  | 35 | mtr  | 137  | Rupees One Hundred and thirty seven only              | 4795  |
| 9    | Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required   |    |      |      |   |       |
| 9.1  | 20 mm   | 30 | mtr  | 193  | Rupees one hundred and ninty three only               | 5790  |
| 10   | Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required  |    |      |      |   |       |
| 10.1 | 20mm  | 45 | mtr  | 108  | Rupees One hundred and eight only                     | 4860  |
| 11   | 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 Heavy Duty type |    |      |      |   |       |
| 11.1 | Exhaust Fan, Heavy duty, 300 mm sweep   | 2  | each | 3503 | Rupees three thousand five hundred and three only     | 7006  |
| 12   | 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.  |    |      |      |   |       |
| 12.1 | Exhaust Fan, Light duty, (Domestic) 150 mm sweep  | 3  | each | 1786 | Rupees One thousand seven hundred and eighty six only | 5358  |
|      | Total   |    |      |      |   | 91732 |

**Terms & Conditions:-**

- Rates should be quoted for all heights including all leads and lifts for internal and external works for all floor levels.
- Useful materials should be handed over to Assistant Engineer Electrical Sub Division II, HP Sectt Shimla, otherwise credit for useful material will be charged.
- Sample of all material to be used on work shall be got approved from Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian
- It is certify that the tender is being called on emergent nature in exigency of public interest.
- Credit for old/dismantled material will be recovered from the contractor on L/S basis @ 600 only

DNIT No 35 for the year 2025-26 is duly approved amounting to ₹ 91732.00 only

Rupees Ninety one thousand seven hundred and thirty two only

Assistant Engineer  
Electrical Sub division no.II  
HPPWD Sectt Shimla-2

Executive Engineer  
Electrical Division no. 1  
APPWD Shimla-9

## Schedule of Quantity



Estimated Cost

₹ 99680

Earnest Money

₹ 2000

Time allotted

1 Month

Name of Work: Providing special repair to E.I in Type IV Out side Brokhurst, Type III set no-106,107,109,&amp;Type VI set no-11 Melhi under ESD -II Shimla-2.

| Sr.no | ITEM OF WORK  | QTY | RATE  | UNIT |   | AMOUNT |
|-------|---|-----|-------|------|---|--------|
| 1     | Supplying and fixing TP&N copper bus-bar chamber suitable for 415 volts capacity with 4 No. copper strip bus-bars each of length and x-section suitable for following current carrying capacities, enclosure made of sheet steel having thickness of 1.6mm, dust protected, duly powder painted with detachable gland plate and other accessories including drilling holes on the board, making connections, earthing etc. as required. |     |       |      |   |        |
| 1.1   | 100 A Copper Busbar Chambers 15" (SS Enclosure)   | 1   | 8931  | each | Rupees Eight Thousand Nine Hundred thirty one only    | 8931   |
| 2     | 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.   |     |       |      |   |        |
| 2.1   | Armoured cable 35 sq. mm (3.5 core)   | 40  | 557   | mtrs | Rupees Five Hundred fifty seven only                  | 22280  |
| 3     | S/E of MCCB 4 Pole 415 Volt. with Microprocessor Release for overload and short circuit protection breaking Capacity (Ics=100% Icu with positive isolation) with/ without Spreader/ Rotary Handle.  |     |       |      |   |        |
| 3.1   | MCCB 40- 100 Amp. 36 ka 4 Pole Release with rotary handle   | 1   | 13724 | each | Rupees Thirteen thousand seven hundred twenty four on | 13724  |
| 4     | Providing and fixing Stainless Steel enclosure for MCCB's of following sizes including mounting the enclosure on the wall surface with nuts and bolts and fixing the MCCB in the enclosure complete with all necessary connections of cables as required with best satisfaction of Engineer in charge. Make: L & T, C & S, ABB or its equivalent as approved.   |     |       |      |   |        |
| 4.1   | SS Enclosure For MCCB 100A  | 1   | 2159  | each | Rupees Two thousand one hundred fifty nine only       | 2159   |
| 5.00  | Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.  | 42  | 42    | mtrs | Rupees Fourty two only                                | 1764   |

|      |  |    |      |      |  |      |
|------|--|----|------|------|--|------|
| 6    | Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.   |    |      |      |  |      |
| 6.1  | Switch 5 Amp   | 25 | 41   | each | Rupees Fourty one only                             | 1025 |
| 6.2  | Switch 5 Amp Two Way   | 1  | 54   | each | Rupees Fifty four only                             | 54   |
| 6.3  | Socket 5 Amp   | 8  | 59   | each | Rupees Fifty nine only                             | 472  |
| 6.4  | Switch 15 Amp  | 8  | 94   | each | Rupees Ninty four Only                             | 752  |
| 6.5  | Socket 15 Amp  | 8  | 110  | each | Rupees One hundred ten only                        | 880  |
| 7    | Supplying and fixing of following sizes of medium class PVC casing /capping along with accessories in surface and making good the same as required. 25 mm  | 11 | 86   | mtrs | Rupees Eighty six only                             | 946  |
| 8    | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.  |    |      |      |  |      |
| 8.1  | 2X1.5mm  | 8  | 66   | mtrs | Rupees Sixty six only                              | 528  |
| 8.2  | 2X4 mm   | 12 | 144  | mtrs | Rupees One hundred Fourty four only                | 1728 |
| 9    | 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)   |    |      |      |  |      |
| 9.1  | 12 way , Double door   | 2  | 2300 | each | Rupees two thousand three hundred only             | 4600 |
| 10   | Supplying and fixing 5 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.   |    |      |      |  |      |
| 10.1 | Single Pole  | 21 | 241  | each | Rupees Two hundred Fourty one only                 | 5061 |
| 11   | Supplying and fixing following rating, followings poles 10ka 240/415v 'C' curves miniature circuit braker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.   |    |      |      |  |      |
| 11.1 | D P 63 Amp   | 3  | 1479 |      | Rupees One thousand four hundred seventy nine only | 4437 |
| 12   | 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 PVC casing & capping, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. |    |      |      |  |      |

|       |  |  |     |       |  |      |
|-------|--|--|-----|-------|--|------|
| 12.1  | Group A  | 5  | 746 | Point | Rupees Sevsn Hundred forty six only    | 3730 |
| 13    | Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated isheet cover in FRLSont including providing and fixing 6 pin 5/6 & 15/16 A socket ou tletand 15/16 A piano type switch, connection, painting etc. as required. | 1  | 441 |       | Rupees Four hundred forty one only     | 441  |
| 14    | Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLSont including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required.       | 1  | 305 |       | Rupees Three hundred five only         | 305  |
| 15    | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in PVC casing & capping as required   |  |     |       |  |      |
| 15.1  | 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire   | 24                                       | 181 | mtrs  | Rupees One hundred eighty one only     | 4344 |
| 15.2  | 2 X 4 sq. mm + 1 X 4 sq. mm earth wire   | 15                                       | 287 | mtrs  | Rupees Two hundred eighty seven only   | 4305 |
| 15.3  | 2 X10 sq. mm +1 X 6 sq. mm earth wire  | 13                                       | 573 | mtrs  | Rupees Five hundred seventy three only | 7449 |
| 16    | S/E of LED Batten with polycarboante 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.   |  |     |       |  |      |
| 16.1  | Specification of LED fittings:   |  |     |       |  |      |
| 16.2  | Wattage of LED fittings  | As per following parameter.              |     |       |  |      |
| 16.3  | Total lumens of the fittings.  | as below                                 |     |       |  |      |
| 16.4  | Diffuser   | Polycarbonate diffuser/PMMA              |     |       |  |      |
| 16.5  | Operating voltage  | 140 V to 270 V, AC supply or better.     |     |       |  |      |
| 16.6  | Input frequency  | 50 Hz $\pm$ 1 Hz                         |     |       |  |      |
| 16.7  | Power factor   | Minimum 0.90                             |     |       |  |      |
| 16.8  | Luminaire efficacy   | $>100$ lm/w                              |     |       |  |      |
| 16.9  | Color rendering index  | CRI shall be greater than 80             |     |       |  |      |
| 16.10 | Working/ operating temperature   | $0^{\circ}$ to $+45^{\circ}$ c or better |     |       |  |      |
| 16.11 | Color temperature  | $6000^{\circ}$ K $\pm$ 10%               |     |       |  |      |
| 16.12 | Electronic Driver  |  |     |       |  |      |
| 16.13 | Drive current (LED)  | As per OEM.                              |     |       |  |      |
| 16.14 | Operating voltage  | 140 V to 270 V AC supply or better       |     |       |  |      |

|       |  |  |   |      |      |  |      |
|-------|--|--|---|------|------|--|------|
| 16.15 | Type of driver   | Constant current output driver   |   |      |      |  |      |
| 16.16 | THD  | Less than 10%  |   |      |      |  |      |
| 16.17 | Surge Protection   | 2.5 KV minimum   |   |      |      |  |      |
| 16.18 | Efficiency Driver  | >85%   |   |      |      |  |      |
| 16.19 | Protection   | Shall have under voltage and over voltage protection.  |   |      |      |  |      |
| 16.20 | Guarantee of LED fittings including LED driver   | 2 years against manufacturing defect.  |   |      |      |  |      |
| 16.21 | Fixture  | Should comply with LM 79 test from UL/NABL lab.  |   |      |      |  |      |
| 16.22 | 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. |   |      |      |  |      |
| 16.23 | Life of LED  | 25000 burning hours at 70% lumen maintenance   |   |      |      |  |      |
| 16.24 | Description  |  |   |      |      |  |      |
| 16.25 | Lumen output of the fitting  |  |   |      |      |  |      |
| 16.26 | LED Batten 20 watt   |  | 3 | 631  | each | Rupees Six hundred thirty one only             | 1893 |
| 17    | Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.   |  | 2 | 91   | each | Rupees Ninty one only                          | 182  |
| 18    | 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. |  |   |      |      |  |      |
| 18.1  | Exhaust Fan, Light duty, (Domestic) 225/230 mm sweep   |  | 2 | 2156 | each | Rupees Two thousand one hundred fifty six only | 4312 |
| 19    | 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.  |  |   |      |      |  |      |
| 19.1  | Specification of LED fittings:   |  |   |      |      |  |      |
| 19.2  | Wattage of LED fittings  | As per following parameter.  |   |      |      |  |      |
| 19.3  | Total lumens of the fittings.  | as below   |   |      |      |  |      |

|       |  |   |   |      |      |   |
|-------|--|---|---|------|------|---|
| 19.4  | Diffuser                                       | Polycarbonate diffuser/PMMA   |   |      |      |   |
| 19.5  | Operating voltage                              | 140 V to 270 V, AC supply or better.  |   |      |      |   |
| 19.6  | Input frequency                                | 50 Hz $\pm$ 1 Hz  |   |      |      |   |
| 19.7  | Power factor                                   | Minimum 0.90  |   |      |      |   |
| 19.8  | Luminaire efficacy                             | $\geq$ 100 lm/w   |   |      |      |   |
| 19.9  | Color rendering index                          | CRI shall be greater than 80  |   |      |      |   |
| 19.1  | Working/ operating temperature                 | 0 <sup>o</sup> to + 45 <sup>o</sup> c or better   |   |      |      |   |
| 19.11 | Color temperature                              | 6000 <sup>o</sup> K $\pm$ 10%   |   |      |      |   |
| 19.12 | Electronic Driver                              |   |   |      |      |   |
| 19.13 | Drive current (LED)                            | As per OEM.   |   |      |      |   |
| 19.14 | Operating voltage                              | 140 V to 270 V AC supply or better  |   |      |      |   |
| 19.15 | Type of driver                                 | Constant current output driver  |   |      |      |   |
| 19.16 | THD  | Less than 10%   |   |      |      |   |
| 19.17 | Surge Protection                               | 2.5 KV minimum  |   |      |      |   |
| 19.18 | Efficiency Driver                              | >85%  |   |      |      |   |
| 19.19 | Protection                                     | Shall have under voltage and over voltage protection.   |   |      |      |   |
| 19.2  | Guarantee of LED fittings including LED driver | 2 years against manufacturing defect.   |   |      |      |   |
| 19.21 | Fixture  | Should comply with LM 79 test from UL/NABL lab.<br>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. |   |      |      |   |
| 19.22 | LED Type/ Make/ Model                          |   |   |      |      |   |
| 19.23 | Life of LED                                    | 50000 burning hours at 70% lumen maintenance  |   |      |      |   |
| 19.24 | Description                                    |   |   |      |      |   |
| 19.25 | Lumen output of the fitting                    |   |   |      |      |   |
| 19.26 | LED Bulkhead 10 watt                           |   | 3 | 1126 | each | Rupees One thousand one hundred twenty six only |
| Total |  |   |   |      |      | 3378  |
|       |  |   |   |      |      | 99680   |

**Terms & Conditions:-**

- i) Rate should be quoted for all heights including all leads and lifts for internal and external work for all floor levels.
- ii) Useful materials should be handed over to the assistant engineer electrical sub division no-II Shimla-2, otherwise credit to useful materials will be charged.
- iii) Sample of all the material to be used on work shall be got approved from the Engineer in charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of Indian standards.
- iv) It is certify that the tender is being called on emergent nature in exigency of public interest.

Condition:- The credit for old dismantled material will be recovered from the contractor on U/S Basis @ Rs.1000/- Only.  
DNIT No **358** for the year 2025-26 is duly approved amounting to ₹ 99680/ only  
Rupees Ninety nine thousand Six hundred Eighty only.

  
Assistant Engineer  
Electrical Sub division no. II  
MFW/WD Sectt Shimla-2

  
Executive Engineer  
Electrical Division no. 1  
MFW/WD Shimla-9