

Himachal Pradesh  
Public Works Department

NO:-PW-ESD-II-Tender/2026-27-

42-43

Dated:- 25/4/2026

To

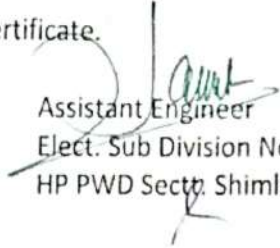
The Executive Engineer (IT Cell)  
Nirman Bhawan HPPWD Shimla-2.

Subject: - Publication of Tender Notice.


Jai Hind,

Enclosed please find herewith the tender Notice of Works at 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) 01/2024 dated:- 03-01-2024 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  
Elect. Sub Division No II,  
HP PWD Sectt. Shimla-2

Copy to the Executive Engineer, Electrical Division NO-I  
HPPWD, Shimla-9 for information and further necessary action please.

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

**NOTICE INVITING TENDER**

Sealed percentage rate tenders on the prescribed forms, terms and conditions mentioned in forms 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 works to be done and set of terms and conditions of contract to be completed with by the contractor/firms whose tender may be accepted and other necessary documents can be seen in the office on the Assistant Engineer between hours of 11.00 A M to 4.00 PM except on Sunday and Public holidays (2) The Contractor who are not registered under H.P 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 H.P 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 offices earnest money in the shape of NSC/Time deposit account/saving account in any of the post offices of HP duly pledged in favors of undersigned must accompany with the tender in the separate envelop. 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 quoted two or more than two rates for any items of work shall be rejected (8) The competent authority on behalf of Governor of H.P reserve the right to reject any or all the tenders received without assigning any reason.

**TIME SCHEDULE OF TENDER**

- i) Last dated of issued of tender document
- ii) Last date of receipt of bids
- iii) Date of bid Opening

02-05-2026 up to 5:00 P.M  
04-05-2026 up to 10:30A.M  
04-05--2026 at 11:00 A.M


Sr. No.	Name of Work	Estimated Cost	EMD	Time:	Cost of Tender	Class of contractor Eligible
1	Providing additional computer points and UPS connectivity in newly allotted office accommodation (Room No 550) for disaster management cell at Armsdale Phase-III building HP Sectt. Shimla-2.	Rs 70781/-	Rs 1450/-	One month	350/-	C&D
2	Providing Rewiring in dispatch section of Health Directorate building at SDA Complex Shimla-9.	Rs 97075/-	Rs 1800/-	One Month	350/-	C&D
3.	Replacement of outdated/ defective switchgear in the administrative Block of State Institute health & Family Welfare, Parimahal, Shimla.(H.P)171009.	Rs 62591	Rs 1300/-	One Month	350/-	C&D
4	Replacement of unserviceable smoke detectors in Armsdale building and foot valve 150mm dia in pump room of Ellerslie building at H.P Sectt. Shimla-2.	Rs 99536/-	Rs 2000/-	One Month	350/-	Specialized

5	Providing special repair to E.I in Block D 6 <sup>th</sup> floor, 5 <sup>th</sup> floor Corridor, Legal Cell Corridor, Legal cell, chowkidar rooms, Room No-509,502,Block ABC, G-8,5,6,2 <sup>nd</sup> floor bath rooms,4 <sup>th</sup> floor Bath room, Rooms No-107,215,103 G.F, Electrical rooms, Rooms NO B G.F, Driver rooms, office Area Biometric Machine, Budget Controller G F, PMGSY Branch at Nirman Bhawan Nigam Vihar Shimla-2.	Rs 82512/-	Rs 1700/-	One Month	350/-	C&D
6	Providing special repair to E.I in Yats Cottage Block No.-2 Set No-3 G.F, NMH 9,12 Benmore 5, Main field lodge, Block Mo-9 set No-2 Barnes court at Rajbhawan under ESD-II Shimla-2.	Rs 86947/-	Rs 1700/-	One Month	350/-	C&D
7.	Refilling of Co2 Type, water Type and powder Type fire extinguishers in Block ABC and D of Nirman Bhawan building Nigam Vihar Shimla-2.	Rs 75800/-	Rs 1550/-	One Month	350/-	Specialized
8.	Providing special repair to E.I in NMH-12 First Floor, NMH-12 second Floor, Type-4 set No-4, Type-3 set No-2, Transit accommodation outside set 6,7 near Rest House, Forest Lodge at Rajbhawan Section under ESD-II Shimla-2.	Rs.98572/-	Rs 2000/-	One Month	350/-	C&D
9.	C/o of 2 no's Type III quarters (After Dismantling of Mudkanda House) at Brockhurst Shimla-2.(Sh: Providing E.I therein)	Rs 99522/-	Rs 2000/-	One Month	350/-	C &D
10.	Providing special repair to E.I in Type VI set No-4,16 Type III set No-9,26,42,38,62,83,48 Below Pine Type IV set No-36 under ESD-II Shimla-2.	92517/-	Rs 1900/-	One Month	350/-	C&D
11	Providing special repair to E.I in type IV set no 16,6,48,47,13, 57,27,8, 23,44, 22,49,67,36,4, 24,40,26, 15,32, 63,52 & 66 in Kasumpti ESD-II Shimla-II	99128	Rs 2000/-	One month	350/-	C&D
12	A/A to E.I in type VI set no 19 at mehli Shimla -9	99950	Rs 2000/-	One month	350/-	C&D

13	Providing special repair to E.I in type V set no 13,9,16,12,19,20,17,22& type VI set no 18,11,12,2,3,17,7 in Kasumpti/ Mehli under ESD-II Shimla-II	99663	Rs 2000/-	One month	350/-	C&D
14	Providing special repair to E.I in Type IV set No-1,4,10,13,23 Brockhurst 38,below Pine Kothi No-1,2,3 Cottage No-15 Ellerslie Cottage 6,15 Brockhurst Type IV set No-67,47 kasumpti Type VI set 18 mehli.un ESD-II Shimla-2.	99834	Rs.2000/-	One 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.
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.02,  
HP PWD Sectt. Shimla-2

No. ESD/HPPWD/Sectt/Tenders/2026-27/-  
Copy forwarded to the following for information:-

44-47

Dated:- 25/4/2026

1. The Executive Engineer, Electrical Division No.-I, HP PWD Shimla-9.
2. All contractor/Firms.
3. All the Junior Engineers under this subdivisions.
4. The Notice Board of this office.

  
Assistant Engineer  
Elect. Sub Division No.02,  
HP PWD Sectt. Shimla-2

Schedule of Quantity

Estimated Cost ₹ 70781  
 Earnest Money ₹ 1450  
 Time allotted 1 month

Name of Work: Providing additional computer points and UPS connectivity in newly allotted office accommodation (Room no. 550) for disaster management cell at Armsdale Phase-III building HP Sectt Shimla-2.

Sr.no	Item of work	Qty	Unit	Rate		Amount
				In Figures	In Words	
1	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3no. 3pin5/6A modular socket outlet and 2 no. 5/6 A modular switch, connections etc. as required.	11	each	747	Rupees Seven hundred and forty seven only	8217
2	Wiring for circuit/submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required.	68	mtr	558	Rupees Five Hundred and fifty eight only	37944
2.1	1 X 10 sq. mm + 1 X 6 sq. mm earth wire					
3	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240V, on surface/recess, complete with the tinned copper busbar, neutral busbar, earthbar, dinbar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/isolator)	3	each	2300	Rupees Two thousand three hundred only	6900
3.1	12 Way Double Door					
4	Supplying and fixing 5A to 32A rating, 240/415V, 10kA, "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.	23	each	241	Rupees Two hundred and forty one only	5543
4.1	MCB SP 6-32A					
5	Supplying and fixing following rating, following 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.					
5.1	40A DP			1330	Rupees One thousand three hundred only	3990

	Supplying and fitting following rating following pole (single phase and neutral), 240/415V (four pole), residual current circuit breaker (RCCB), having a sensitivity current 30mA in the existing MCBDB complete with connections, testing and commissioning etc. as required.					
3.1	MCBDB	3	each	2729	Rupees Two Thousand seven hundred and twenty nine only	8187
	Total					70781

**Terms & Conditions:-**

- i) Rates should be quoted for all heights including all leads and lifts for internal and external works for all floor levels.
- ii) Useful materials should be handed over to Assistant Engineer Electrical Sub Division II, HP Sectt Shimla, otherwise credit for useful material will be charged.
- 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
- iv) It is certify that the tender is being called on emergent nature in exigency of public interest.
- v) Credit for old/dismantled material will be recovered from the contractor on L/S basis @ 600 only

DNIT No 373 for the year 2025-26 is duly approved amounting to ₹ 70781.00 only  
 Rupees Seventy thousand seven hundred and eighty one only

*[Signature]*  
 Assistant Engineer  
 Electrical Sub division no. II  
 HPWD Sectt Shimla-2

*[Signature]*  
 Executive Engineer  
 Electrical Division no. 1  
 HPWD Shimla-9

Schedule of Quantity

Estimated Cost ₹ 97075  
 Earnest Money ₹1800  
 Time allotted 1 Month



Name of Work :- Providing re-wiring in dispatch section of health Directorate building at SDA Complex Shimla-9.						
Sr No	Description Of item	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 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	8	Point	1511	Rupees One Thousand five hundred Eleven only	12088
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.	2	Each	531	Rupees five hundred thirty one only	1062
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.	5	Each	712	Rupees seven hundred twelve only	3560
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 nos. 3 pin 5/6 amps modular socket outlets and 2 nos 5/6 amps modular switches, connection etc. as required. (For light plugs to be used in non residential buildings).	5	Each	1078	Rupees one Thousand seventy eight only	5390
5	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.					
5.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	20	Mtrs	262	Rupees two hundred Sixty two only	5240
5.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	24	Mtrs	302	Rupees three hundred two only	7248
5.3	4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire	18	Mtrs	461	Rupees four hundred Sixty one only	8298
5.4	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	24	Mtrs	360	Rupees three hundred Sixty only	8640
5.5	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	18	Mtrs	577	Rupees five hundred seventy seven only	10386

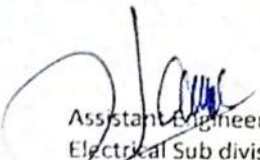
6	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.					
6.1	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	15	Mtrs	493	Rupees four hundred ninty three only	7395
7	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	2	Each	167	Rupees one hundred Sixty seven only	334
8	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 seprated 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					
8.1	Square/round LED Panel Light 18/20W Surface	6	Each	2025	Rupees two Thousand twenty five only	12150
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	8 way , Double door	1	Each	2233	Rupees two Thousand two hundred thirty three only	2233
9.2	12 way , Double door	1	Each	2659	Rupees two Thousand six hundred fifty nine only	2659
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	9	each	251	Rupees two hundred fifty one only	2259
11	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
11.1	40 A	1	Each	2476	Rupees two Thousand four hundred seventy six only	2476
11.2	63 A	1	Each	3391	Rupees three Thousand three hundred ninty one only	3391
12	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
12.1	MCB DP 50/63 A 'C' curve	1	Each	1204	Rupees one Thousand two hundred four only	1204
12.2	MCB DP 40 A 'C' curve	1	Each	1062	Rupees one Thousand Sixty two only	1062
	Total					97075


Terms & Conditions:-

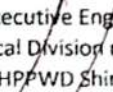
- i) Rate Should be quoted for all heights including aii leads and lifts for intenal and external work for all floor levels.
- ii) Useful materials should be handred over to the assistant engineer
- iii) Sample of all the material to be used on work shall be got approved from the Engineer in charge in advance before actual use on work and any or all of the material which are available as per India n standred in the market should Confirm to bueau of indian standreds.
- IV) It is cerify that the tander is being called on emergentnature in exigency of public interest.

DNIT No 382 for the year 2025-26 is duly approved amounting to ₹ 97075/ only

Rupees Ninty seven thousand and seventy 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 ₹ 62591  
 Earnest Money ₹1300  
 Time allotted 1 Month

Name Of Work:-Replacement of outdated/ defective switchgear in the administrative block of state Institute Health & family welfare, Parimahal, Shimla, (H.P.)-171009						
Sr. No.	Description of items	Qty	Unit	Rate		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	200 A Copper Busbar Chambers 24" (SS Enclosure)	1	Each	11263	Rupees Eleven Thousand two hundred Sixty three only	11263
2	S/F of MCCB 4 Pole 415 Volt. with Thermal Magnetic Release for overload and short circuit protection breaking Capacity (Ics=100% Icu with positive isolation) with/ without Spreader/ Rotary Handle.					
2.1	MCCB 250 Amp. 36 ka 4 Pole Release without rotary handle	1	Each	30614	Rupees thirty Thousand six hundred fourteen only	30614
3	Providing and fixing enclosure for 250 A MCCB including fixing the MCCB in the enclosure and making connections etc complete in all respects as required with best satisfaction of Engineer-in -chief.					
3.1	Encloser for 250 Amp MCCB	1	Each	2900	Rupees twenty nine Thousand only	2900
4	S/E of LED Panel with PDC body and polycarbonate /Acrylic diffuser to be mounted in surface The job includes carriage, erection, making connections testing and commissioning of the fittings.2 * 2 feet					
	Specification of LED fittings:					
	Wattage of LED fittings	As per following parameter.				
	Total lumens of the fittings.	as per wattage				

Diffuser	polycarbonate/acrylic diffuser UGR <30							
Operating voltage	140 V to 270 V, AC supply or better.							
Input frequency	50 Hz $\pm$ 1 Hz							
Power factor	Minimum 0.90							
Luminaire efficacy	>110 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							
Guarantee of LED fittings including LED driver	2 years against manufacturing defect.							
Fixture	Should comply with LM 79 test from UL/NABL							
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.							
Life of LED	50000 burning hours at 70% lumen							
Description	Panasonic	philliphs	Bajaj					
Wattage of LED	scanto Pro	FullGlow G6	SKYLUX XE					
4.1	36 watt			6	Each	2969	Rupees two Thousand nine hundred Sixtynine only	17814
	Total							62591

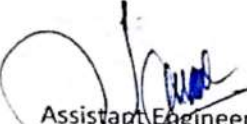
Terms & Conditions:-

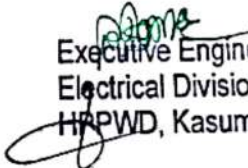
- i) Rate Should be quoted for all heights including all leads and lifts for internal and external work for all floor levels.
- ii) Useful materials should be handed over to the assistant engineer electrical sub division no-II shimla-2, otherwise credit to useful materials will be changed.

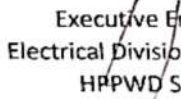
- iii) Sample of all the material to be used on work shall be got approved from the Engineer in charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to Bureau of Indian Standards.
- IV) It is certified that 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.600/- Only.

DNIT No for the year 2025-26 is duly approved amounting to ₹ 62591/ only  
Rupees sixty two thousand five hundred and ninety one 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**            ₹ 99536  
**Earnest Money**            ₹2000  
**Time allotted**                1 month

Name of Work: -Replacement of unserviceable smoke detectors in armsdale building and foot valve,sluice valve 150mmdia in pump room of Eilerslie building at HP Sectt. Shimla-2.

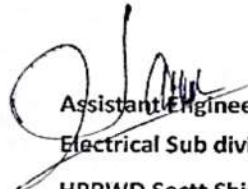
Sr.no	Item of work	Qty	Unit	Rate		Amount
				In Figures	In Words	
1	Supply, Installation, testing and commissioning of ionisation smoke detector with base blinking LED type duly approved, making necessary connections etc. Make Agni ,Apollo or its equivalent as approved and directed by the Engineer in Charge.	24	each	1588	Rupees one thousand five hundred eighty-eight only	38112
2	Providing Cast iron /steel Foot valve Confirming to type P.N 1.6 of I.S 13095-1991 Complete with Flanges bolt ,nuts ,gasket etc. As per table 'E' specification complete in all respect hydraulically test to 20 K./sqcm.Make:Sant,Kirloskar or as approved by Engineer-in-charge.					
2.1	Foot valve 150mm dia	1	each	15426	Rupees fifteen thousand four hundred twenty-six only	15426
3	Providing Cast iron /steel Sluice valve Confirming to type P.N 1.6 of I.S 13095-1991 Complete with Flanges bolt ,nuts ,gasket etc. As per table 'E' specification complete in all respect hydraulically test to 20 K./sqcm.Make:Sant,Kirloskar or as approved by Engineer-in-charge.					
3.1	Foot valve 150mm dia	1	each	31972	Rupees thirty-one thousand nine hundred seventy-two only	31972
4	Supplying and fixing single headed internal hydrant valve with instantaneous Gunmetal/Stainless steel coupling of 63mm dia with cast iron whell ISI marked conforming to IS5290(Type-A) with blank Gunmetal /Stainless Steel cap and chain as required: Make: Make: Atasee,Lifeguard,Minimax or as approved by Engineer-in-charge.					
4.1	SS Landing Valve	1	each	8940	Rupees eight thousand nine hundred fourty only	8940
5	Supplying,installation ,testing and commissioning of MS /GI Flange suitable of sluice valve of 150mm dia including rubber packing, nuts and bolts complete in all respects at site including fixing the flanges with best satisfaction of Engineer-in-charge.	2	each	1543	Rupees one thousand five hundred fourty-three only	3086

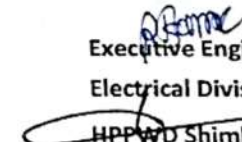
-6	Dismantling of old sluice valve/footvalve of 150mm dia from existing fire fighting system of Ellerslie building including removing the valves and fixing of new one at site complete in all respects with best satisfaction of Engineer-in-charge.	1	job	2000	Rupees two thousand only	2000
						99536

**Terms & Conditions:-**

- i) Rates should be quoted for all heights including all leads and lifts for internal and external works for all floor levels.
- ii) Useful material shall be handed over to Junior Engineer Electrical Section II (Armsdale) HP Sectt Shimla-2, otherwise credit for useful material 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 the material which is available in the market should conform to bureau of Indian Standards.
- iv) It is certify that the tender is being called on emergent nature in exigency of public interest.

**DNIT No 364 for the year 2025-26 is duly approved amounting to ₹ 99536.00 only  
Rupees Ninty nine thousand five hundred and thirty six 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 ₹ 82512  
Earnest Money ₹1700  
Time Allotted 1 month

Name of Work:- Providing special repair to E.I in Block-D 6th floor,5th floor Corridor. Legal Cell Corridor, Legal Cell , Chowkidar room,Room no-509,502. Block A B C G-8,5,6,2nd floor bath room, 4th floor bath room,Room no-107,215,103G.F, Electrical room, Room no-8 G.F, Driver room, Office Area Bolmatic Machine, Budget Controller G.F, PMGSY Branch at Nirman Bhawan Nigam Vihar Shimla-2.

Sr No	Description Of item	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 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.				
1.1	Group C	3	Point	1123	Rupees One thousand one hundred twenty three only 3369
2	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.				
2.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	21	mtrs	209	Rupees two hundred nine only 4389
2.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	42	mtrs	315	Rupees three hundred fifteen only 13230
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.	12	Each	305	Rupees three hundred five only 3660
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.	6	Each	441	Rupees four hundred forty one only 2646
5	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 nos. 3 pin 5/6 amps modular socket outlets and 2 nos 5/6 amps modular switches, connection etc. as required.	7	Each	757	Rupees Seven hundred fifty seven only 5299
5.1	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	2	Each	91	Rupees ninty one only 182

6	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 seprated energy efficient constant current, non-integral, electronic driver; relevent LM 79/80 complaince 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					
6.1	LED Bulk Head Light 10W	1	Each	1126	Rupees One thousand one hundred twenty six only	1126
7	Providing and installation of following type of LED Batten with polycarbonate housing, anti glare polycarbonate diffuser, surge protection 2.5 KV luminaire efficacy > 100lm/Watt with minimum 25000 burning hours, THD < 15% in white finish and seprated energy efficient constant current, non-integral, electronic driver; relevent LM 79/80 complaince 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					
7.1	LED Batten Light 10W	4	Each	547	Rupees five hundred forty seven only	2188
7.2	LED Batten Light 20W	11	Each	631	Rupees six hundred thirty one only	6941
8	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.					
8.1	Exhaust Fan, Light duty, (Domestic) 225/230 mm sweep	3	Each	2156	Rupees two thousand one hundred fifty six only	6468
8.2	Exhaust Fan, Light duty, (Domestic) 300 mm sweep	5	Each	2495	Rupees two thousand four hundred ninty five only	12475
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	16	Each	88	Rupees Eighty eight only	1408
9.2	3 pin 5/6 A socket outlet	10	Each	114	Rupees one hundred fourteen only	1140
9.3	15/16 A switch	7	Each	143	Rupees one hundred fourty three only	1001
9.4	6 pin 15/16 A socket outlet	7	Each	186	Rupees one hundred eirhty six only	1302
10	Providing and installation of following type of Surface mounting square type LED Downlight with polycarbonate housing, anti glare polycarbonate diffuser, surge protection 2.5 KV luminaire efficacy > 85lm/Watt with minimum 25000 burning hours, THD < 15% in white finish and seprated energy efficient constant current, non-integral, electronic driver; relevent LM 79/80 complaince 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	Square LED Down Light 12W Surface	4	Each	1659	Rupees one thousand six hundred fifty nine only	6636

11	Providing and installation of following type of Surface/Recess mounting 2 feet by 2 feet type LED Panel with PDC/CRCA housing ,anti glare prismatic multilayer diffuser,surge protection 2.5 KV luminaire efficacy > 120 lm/Watt with UGR<19 minimum 50000 burning hours,THD<10% in white finish and seprated energy efficient constant current, non-integral, electronic driver;relevent LM 79/80 complaince 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					
11.1	D/L 2X 2 feet 36 Watt Surface	2	Each	3052	Rupees three thousand fifty two only	6104
12	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.					
12.1	6 Module	7	Each	164	Rupees one hundred sixty four only	1148
13	Supplying and fixing of fancy wall bracket 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					
13.1	Wall light fixture Polycarbonate body, suitable for 9 W retrofit LED lamp B22 base.	2	Each	900	Rupees nine hundred only	1800
						82512


**Terms & Conditions:-**

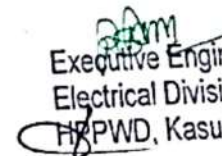
- Rate Should be quoted for all heights including all leads and lifts for internal and extenal work for all floor levels.
- Useful materials should be handed over to the assistant engineer electrical sub division no-II shimla-2,otherwise credit to useful materials will be charged.
- Sample of all the 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 standered 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.

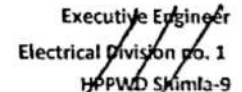
Condition:- The credit for old dismantled material will be recovered from the contractor on L/S Basis @ Rs.1000/- Only.

DNIT No 380 for the year 2025-26 is duly approved amounting to ₹ 82512/ only

Rupees Eighty two thousand five hundred fifty two 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

8  
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Estimated Cost ₹ 86947

Earnest Money ₹1700

Time Allotted 1 month

Name of Work:- Providing special repair to E.I in Yats cottage block no-2 set no-3 G.F,NMH -9,12. Benmore 5, Main field lodge, block no-9 set no-2 banscourt at Rajbhawan under ESD-II Shimla-2.

Sr No	Description Of item	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 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.				
1.2	Group B	7	Point	1026	Rupees One thousand twenty six only 7182
2	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.	3	each	305	Rupees three hundred five only 915
3	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	4	each	441	Rupees four hundred fourty one only 1764
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 2 Nos 6 pin 5/6 socket outlet and 2 Nos 5 Amp piano type switch, connections, painting etc. as required.	3	each	361	Rupees three hundred sixty one only 1083
5	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.				
5.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	16	Metre	209	Rupees two hundred nine only 3344
5.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	7	Metre	315	Rupees three hundred fifteen only 2205

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5.3	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	4	Metre	523	Rupees five hundred twenty three only	
5.4	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	3	Metre	558	Rupees five hundred fifty eight only	2092
6	Providing and installation of following type of LED Batten with polycarbonate housing ,anti glare polycarbonate diffuser,surge protection 2.5 KV luminaire efficacy > 100lm/Watt with minimum 25000 burning hours,THD<15% in white finish and seprated energy efficient constant current, non-integral, electronic driver;relevent LM 79/80 complaince fromUN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required: of Approved Make					1674
6.2	LED Batten Light 20W	12	Each	631	Rupees six hundred thirty one only	7572
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 seprated energy efficient constant current, non-integral, electronic driver;relevent LM 79/80 complaince fromUN/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	1	Each	1126	Rupees One thousand one hundred twenty six only	1126
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	2	Each	2156	Rupees two thousand one hundred fifty six only	4312
10	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.					
10.1	5/6 amps switch	3	each	41	Rupees forty one only	123
10.2	3 pin 5/6 A socket outlet	3	each	59	Rupees fifty nine only	177
10.3	15/16 A switch	1	each	94	Rupees ninty four only	94
10.4	6 pin 15/16 A socket outlet	2	each	110	Rupees one hundred ten only	220

11	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:-					
11.1	35 Liter capacity water heater (Cat-A)	2	Each	23089	Rupees twenty three thousand and eighty nine only	46178
12	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)					
12.1	8 way , Double door	1	Each	2570	Rupees two thousand five hundred and seventy only	2570
13	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.					
13.1	63 A DP	1	Each	1479	Rupees one thousand and seventy nine only	1479
14	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.					
14.1	Single pole	9	Each	241	Rupees two hundred forty one only	2169
15	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	2	Each	91	Rupees ninty one only	182
16	Providing and installation of following type of Decorative LED bulb ; suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, including mounting clips & loop in loop out wire, connections, testing and commissioning etc. as required. Make: Phillips, GE, Bajaj, Jaguar, or any other approved by Engineer-in-Charge.					
16.1	LED Bulb 9 Watt	3	each	162	Rupees one hundred sixty two only	486
Total						86947

Terms & Conditions:-

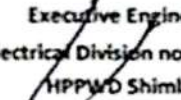
- i) Rate Should be quoted for all heights including all leads and lifts for internal and external work for all floor levels.
  - ii) Useful materials should be handed over to the assistant engineer electrical sub division no-II shimla-2, otherwise credit to useful materials will be charged.
  - iii) 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 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.800/- Only.

DNIT No 379 for the year 2025-26 is duly approved amounting to ₹ 86947/ only  
Rupees Eighty six thousand nine hundred fifty seven only.

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

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

  
Executive Engineer  
Electrical Division no. 1  
HPPWD Shimla-9

**Schedule of Quantity**

Estimated Cost                    ₹ 75800 ✓  
 Earnest Money                    ₹ 1550 ✓  
 Time allotted                      1 month ✓


**Name of Work:** Refilling of CO<sub>2</sub> type , water type and powder type fire extinguishers in block A,B,C and D of Nirman Bhawan building, Nigam Vihar Shimla-2


Sr.no	Item of work	Qty	Unit	Rate		Amount
				In Figures	In Words	
1	Refilling /recharging of 4.5 kg carbondioxide type fire extinguishers of approved make and capacity, including collection,transportation,refilling with approved extinguishing firm, replacement of defective parts if required,testing for leakage and pressure,cleaning,painting if necessary,fixing of inspection tag, and reinstallation at designated locations complete in all respects as required with best satisfaction of Engineer-in-charge.	30	Each	1450	Rupees one thousand four hundred and fifty only	43500
2	Refilling /recharging of 9 ltrs water type fire extinguishers of approved make and capacity, including collection,transportation,refilling with approved extinguishing firm , replacement of defective parts if required,testing for leakage and pressure,cleaning,painting if necessary,fixing of inspection tag, and reinstallation at designated locations complete in all respects as required with best satisfaction of Engineer-in-charge	38	Each	850	Rupees Eight hundred and fifty only	32300
<b>Total</b>						75800

**Terms & Conditions:-**

- i) All refilling work and materials must conform to the relevant Bureau of Indian Standards (BIS), IS 2190:2010 (Selection, Installation, and Maintenance of Portable First-Aid Fire Extinguishers) and other relevant IS codes like IS 15623 and IS 14603.
- ii) The service provider must be authorized by the OEM (Original Equipment Manufacturer) and must provide a certificate of service completion and test reports for each extinguisher.
- iii) A label must be affixed to each extinguisher indicating the serial number, date of refilling, type of agent, and the next due date for refilling/testing.
- iv) It is certify that the tender is being called on emergent nature in exigency of public interest.
- v) It is certify that the tender is being called on emergent nature in exigency of public interest.

DNIT No 392 for the year 2025-26 is duly approved amounting to ₹ 75800.00 only ✓  
 Rupees Seventy eight thousand eight hundred only

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

  
 Executive Engineer  
 Electrical Division no. 1  
 HPPWD Shimla-9

Schedule of Quantity

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Estimated Cost  
Earnest Money  
Time allotted

98572-00  
₹ 98572  
₹ 2000  
1 Month

Name of Work: Providing special repair to E.I in NMH-12 First floor, NMH-12 Second floor, Type-4 Set No.4, Type-3 Set 2, Transit accommodation outside set 6,7 near rest house, Forest Lodge at rajbhavan section under ESD II Shimla-2.						
Sr.no	Item of Work	Qty	Rate	Unit	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 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.					
1.1	Group A	5	852	each	Rupees Eight hundred fifty two only	2556
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 .					
2.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	8	181	mtr	Rupees one hundred eighty one only	1448
3	Wiring for circuit/submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit. as required.					
3.1	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	6	425	mtr	Rupees four hundred twenty five only	2550
3.2	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	4	558	mtr	Rupees five hundred fifty eight only	2232
4	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).	3	305	each	Rupees three hundred five only	915
5	Supplying and fixing brass batten/ angle holder including connection etc. as required.	7	86	each	Rupees eighty six only	602
	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.					
	Specification of LED fittings:					
	Wattage of LED fittings	As per following parameter.				
	Total lumens of the fittings.	as per wattage				
	Diffuser	Polycarbonate diffuser/PMMA				

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6	Operating voltage	140 V to 270 V, AC supply or better.				
	Input frequency	50 Hz + 1 Hz				
	Power factor	Minimum 0.90				
	Luminaire efficacy	>8 0 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 KV minimum				
	Efficiency Driver	>8 5%				
	Protection	Shall have under voltage and over				
	Guarantee of LED fittings including LED driver	2 years against manufacturing defect.				
	Fixture	Should comply with LM 79 test from				
	LED Type/ Make/ Model	Power CREE/ OSRAM/ NICHIA/ Philips				
Life of LED	50000 burning hours at 70% lumen					
6.1	LED bulk head 20 Watt.	1	1126	each	Rupees one thousand one hundred twenty six only	1126
7	S/E of LED Downlighter(recess)round type 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.					
	Specification of LED fittings:					
	Wattage of LED fittings	As per following parameter.				
	Total lumens of the fittings.	as per wattage				
	Diffuser	Polycarbonate diffuser.				
	Operating voltage	140 V to 270 V, AC supply or better.				
	Input frequency	50 Hz + 1 Hz				
	Power factor	Minimum 0.90				
	Luminaire efficacy	>8 5 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%					

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Electronic Driver						
Drive current (LED)	As per OEM.					
Operating voltage	140 V to 270 V AC supply or better					
Type of driver	Constant current output driver					
THD	Less than 15%					
Surge Protection	2.5 KV minimum					
Efficiency Driver	>8					
	5%					
Protection	Shall have under voltage and over					
Guarantee of LED fittings including LED driver	2 years against manufacturing defect.					
Fixture	Should comply with LM 79 test from					
LED Type/ Make/ Model	Power CREE/ OSRAM/ NICHIA/ Philips					
Life of LED	25000 burning hours at 70% lumen					
7.1 LED Downlighter 15 Watt.						
S/E of LED Batten with polycarbonate body and diffuser The fitting should be installed	5	665	each	Rupees six hundred sixty five only		3325
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	>1					
	00					
	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	>8					
	5%					
Protection	Shall have under voltage and over					
Guarantee of LED fittings including LED driver	2 years against manufacturing defect.					
Fixture	Shou'd comply with LM 79 test from					
LED Type/ Make/ Model	Power CREE/ OSRAM/ NICHIA/ Philips					
Life of LED	25000 burning hours at 70% lumen					

LED Batten 10 Watt.		2	547	each	Rupees Five hundred forty seven only	1094	
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.							
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	>1 10 lm /w						
9 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	>8 5%						
Protection	Shall have under voltage and over						
Guarantee of LED fittings including LED driver	2 years against manufacturing defect.						
Fixture	Should comply with LM 79 test from						
LED Type/ Make/ Model	Power CREE/ OSRAM/ NICHIA/ Philips						
Life of LED	50000 burning hours at 70% lumen						
9.1 LED Batten 20 Watt.	8	860	each	Rupees Eight hundred sixty only	6880		
10	Providing and installation of following type of Decorative 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 clips & loop in loop out wire, connections, testing and commissioning etc. as required. Make: Philips, Syska, GE, Bajaj, C&S, Jaguar, or any other approved by Engineer-in-Charge.						
10.1 LED retrofit lamp 7W	1	153	each	Rupees one hundred fifty three only	153		

11	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 require: of Approved Make Domestic type.					
11.1	Ventilating Fan 200mm Sweep	3	2036	each	Rupees Two Thousand thirty six only	6108
12	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.					
12.1	S.P. 5/6 amps, one way Piano switch, ISI marked	6	41	each	Rupees forty one only	246
12.2	S.P. 15/16 A, one way switch, piano type ISI marked	5	94	each	Rupees ninty four only	470
12.3	5/6 A Piano type socket	2	59	each	Rupees fifty nine only	118
12.4	15/16A Piano type Socket	5	110	each	Rupees one hundred ten only	550
13	Supplying and fixing following rating, follwing 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.					
13.1	63 A DP	4	2812	each	Rupees Two thousand eight hundred twelve only	11248
14	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 MCBDB complete with connections, testing and commissioning etc.as required.					
14.1	40 A DP	1	1330	each	Rupees one thousand three hundred thirty only	1330
14.2	63 A DP	5	1479	each	Rupees one thousand four hundred seventy nine only	7395
14.3	40/63 A FP	2	2551	each	Rupees Two thousand five hundred Fifty one only	5102
15	Supplying and fixing 5A to 32A rating, 240/415V, 10kA, "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	38	241	each	Rupees two hundred forty one only	9158
16	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)					
16.1	12 way , Double door	2	2300	each	Rupees Two thousand three hundred only	4600
17	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:					
17.1	25 Liter capacity water heater (Cat-A)	2	14683	each	Rupees forteen thousand six hundred eighty three only	29366

Total

98572


**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
  - iv) It is certified 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 @ Rs1000/- Only.

DNIT No

375

for the year 2025-26 is duly approved amounting to ₹ 98572/ only  
Rupees Ninety eight thousand five hundred and seventy two 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 ₹ 99522.00  
 Earnest Money ₹ 2000  
 Time allotted 1 Month

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NAME OF WORK :-C/o of 2 nos. Type III quarters(After Dismantling of Mudkanda House) at Brockhurst Shimla-2.( SH:-Providing E.I. in Attic floor therein).						
Sr No	Description Of item	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 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 A	20	Point	1113	Rupees One Thousand one hundred thirteen only	22260
2	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.					
2.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	18	Metre	301	Rupees Three hundred one only	5418
2.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	38	Metre	407	Rupees four hundred seven only	15466
2.3	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	18	Metre	645	Rupees six hundred forty five only	11610
2.4	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	12	Metre	688	Rupees six hundred eighty eight only	8256
3	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.	9	Each	431	Rupees four hundred thirty one only	3879
4	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).	2	Each	361	Rupees three hundred sixty one only	722

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.	7	Each	544	Rupees Five hundred forty four only	3808
6	Providing and installation of following type of LED Batten with polycarbonate housing ,anti glare polycarbonate diffuser,surge protection 2.5 KV luminaire efficacy > 100lm/Watt with minimum 25000 burning hours,THD<15% in white finish and seprated energy efficient constant current, non-integral, electronic driver;relevent LM 79/80 complaince fromUN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required: of Approved Make					
6.1	LED Batten Light 10W	1	Each	547	Rupees five hundred forty seven only	547
6.2	LED Batten Light 20W	5	Each	631	Rupees six hundred thirty one only	3155
7	Providing and installation of following type of Surface mounting square type LED Downlight with polycarbonate housing ,anti glare polycarbonate diffuser,surge protection 2.5 KV luminaire efficacy > 85lm/Watt with minimum 25000 burning hours,THD<15% in white finish and seprated energy efficient constant current, non-integral, electronic driver; relevent LM 79/80 complaince 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					
7.1	Square LED Down Light 9W Surface	1	Each	1583	Rupees one Thousand five hundred eighty three only	1583
7.2	Square LED Down Light 18W Surface	4	Each	1811	Rupees one Thousand eight hundred eleven only	7244

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	1	Each	1126	Rupees one Thousand one hundred twenty six only	1126
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	3	Each	2156	Rupees Two Thousand one hundred fifty six only	6468
9.2	Supplying and fixing PVC batten/ angle holder including connections etc. as required.	4	Each	89	Rupees eighty nine only	356
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	10	Each	241	Rupees two hundred forty one only	2410
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	1	Each	1479	Rupees four hundred thirty one only	1479
12	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)					

12.1	16 way , Double door	1	Each	3164	Rupees four hundred thirty one only	3164
13	Providing and installation of following type of Decorative LED bulb ; suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, including mounting clips & loop in loop out wire, connections, testing and commissioning etc. as required. Make: Philips, Syska, GE, Bajaj, C&S, Jaguar, or any other approved by Engineer-in-Charge.					
13.1	Led Bulb 9 watt	4	Each	120		480
14	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	1	Each	-162	Rupees one hundredsixty two only	-648
	Total					99690

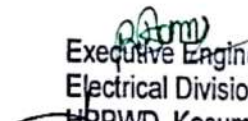
**Terms & Conditions:-**

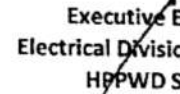
- Rate Should be quoted for all heights including all leads and lifts for internal and external work for all floor levels.
- Useful materials should be handed over to the assistant engineer electrical sub division no-II shimla-2, otherwise credit to useful materials will be changed.
- Sample of all the 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 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 370 for the year 2025-26 is duly approved amounting to ₹ 99690/ only  
Rupees Ninty nine thousand Six hundred and ninty only. *twenty two only.*  
*Five*

  
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

₹ 92517  
₹ 1900  
1 Month

Name of Work:-Providing Special repair to EI in Type VI set no- 4,18. Type III set no- 9,26,42,38,62,83,48. Below pine type IV set no- 36 Under ESD -II chotta Shimla-2.						Amount
Sr No		Quantity	Units	Rate		
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
1.2	Group B	2	point	847	Rupees eight hundred forty seven only	1694
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	2	point	852	Rupees eight hundred fifty two only	1704
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.	5	point	305	Rupees three hundred five only	1525



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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.	1	point	441	Rupees four hundred forty one only	441
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 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	16	Metre	181	Rupees one hundred eighty one only	2896
5.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	5	mtrs	287	Rupees Two hundred eighty seven only	1435
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	2	Metre	209	Rupees Two hundred nine only	418
6.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	4	mtrs	315	Rupees Three hundred fifteen only	1260
	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.					
	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 00 to + 450c or better					

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	Color temperature 6000K + 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.					
	Life of LED 25000 burning hours at 70% lumen maintenance					
	Description					
	Lumen output of the fitting					
7.1	LED Batten 10 watt	2	Each	547	Rupees five hundred forty seven only	1094
7.2	LED Batten 20 watt	9	Each	631	Rupees six hundred thirty one only	5679
	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.					
	Total lumens of the fittings. as below					
	Diffuser polycarbonate diffuser/PMMA					

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8	Operating voltage 140 V to 270 V, AC supply or better.				
	Input frequency 50 Hz + 1 Hz				
	Power factor Minimum 0.90				
	Luminaire efficacy >100 lm/w				
	Color rendering index CRI shall be greater than 80				
	Working/ operating temperature 00 to + 450c or better				
	Color temperature 60000K + 10%				
	Electronic Driver				
	Drive current (LED) As per OEM.				
	Operating voltage 140 V to 270 V AC supply or better				
	Type of driver Constant current output driver				
	THD Less than 10%				
	Surge Protection 2.5 KV minimum				
	Efficiency Driver >85%				
	Protection Shall have under voltage and over voltage protection.				
	Guarantee of LED fittings including LED driver 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.					
Life of LED 25000 burning hours at 70% lumen maintenance					
Description					
Lumen output of the fitting					
8.1 Downlighter 15 watt	8	1735	Rupees oneThousand seven hundred thirty sive only	13880	

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 mm sweep	2	each	2156	Rupees Two Thousand one hundred fifty six only	4312
10	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	2	Each	1126	Rupees one Thousand one hundred twenty six only	2252
11	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.					
11.1	5/6 amps switch	19	Each	41	Rupees forty one only	779
11.2	5/6 amps Socket	9	each	59	Rupees fifty nine only	531
11.3	. 15/16 A, switch,	7	each	94	Rupees ninty four only	658
11.4	15/16 A, Socket	7	each	110	Rupees one hundred ten only	770
12	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:-					
12.1	6 Liter capacity water heater (Cat-A)	1	Each	10433	Rupees ten Thousand four hundred thirty three only	10433

12.2	25 Liter capacity water heater (Cat-A)	1	Each	14683	Rupees fourteen Thousand six hundred eighty three only	14683
12.3	35 Liter capacity water heater (Cat-A)	1	Each	23089	Rupees twenty three Thousand eighty nine only	23089
						92517


**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
  - 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.800/- Only.

DNIT No

374

for the year 2025-26 is duly approved amounting to ₹ 92517/ 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, Kasumpti, Shimla-9

Executive Engineer  
Electrical Division no.1  
HPPWD Shimla-9

## Schedule of quantity



Estimated Cost 99128

Earnest Money 2000

Time Allotted One Month

Name of Work:- Providing special repair to E.I in Type 4 Set no-16,6,48,47,13,57,27,8,23,44,22,49,67,36,4,24,40,26,15,32,63,52 & 66 in Kasumpti under ESD-II Shimla-2						
Sr. No.	Sub-Head and Items of work	Qty.	Rate	Unit		Amount
1.00	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm RLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, 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.					
1.01	Group B	3	1026	each	Rupees one Thousand two hundred six only	3078
2.00	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.					
2.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	58	209	meter	Rupees two hundred and nine only	12122
2.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	61	315	meter	Rupees three hundred and fifteen only	19215
3.00	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 FRLS including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required.	12	305	each	Rupees three hundred and five only	3660
4.00	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 FRLS including providing and fixing 6 pin 5/6 & 15/16 A socket outlet and 15/16 A piano type switch, connection, painting etc. as required.	13	441	each	Rupees four hundred fifty one only	5733
5.00	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.					
5.01	20 mm	6	108	mtrs	Rupees one hundred eight only	648
6.00	Supplying and fixing following piano type switch/socket on the existing switch box/ cove including connections etc as required.					
6.01	S.P 5/6 amps, one way Piano switch	94	41	each	Rupees Fourty one only	3854
6.02	3 pin 5/6 A socket outlet	9	59	each	Rupees Fifty nine only	531
6.03	15/16 A switch	10	94	each	Rupees Ninety four only	940

6.04	6 pin 15/16 A socket outlet	11	110	each	Rupees one hundred ten only	1210
6.05	2 way 5/6 A switch	4	54	each	Rupees Fourty four only	216
6.06	Bell Push	5	67	each	Rupees sixty seven only	335
7.00	Supplying and fixing 3 pin 5A ceiling rose on the existing junction box/ wooden block including connections etc as required.	2	69	each	Rupees sixty nine only	138
8.00	Supplying and fixing PVC batten/ angle holder including connections etc. as required.	2	89	each	Rupees eighty nine only	178
9.00	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
9.01	63 amp	1	525	each	Rupees five hundred twenty five only	525
11.00	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	2	91	each	Rupees ninty one only	182
12.00	Providing and fixing Led lamp of goldmedal or any other approved make as required complete in all respect					
12.01	9 watt	13	141	each	Rupees one hundredforty one only	1833
13.00	S/E of LED Batten with polycarbonate body and diffuser The fitting should be installed on existing surface/recess The job includes carriage, erection, making connections testing and commissioning of the fittings.					
	Specification of LED fittings					
	Wattage of LED fittings- As per following parameters					
	Total lumens of the LED fittings- as per individual fittings mention below					
	Diffuser-polycarbonate diffuser/PMMA					
	Operating voltage-140V to 270V, AC supply					
	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 + 45c or better					
	Color temperature-6000K to 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						
Fixture-Should comply with LM 79 test from NABL/UL lab.						

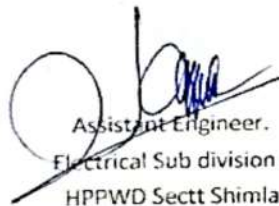
	LED Type/ Make/ Model-Power CREE/ OSRAM/ NICHIA/ Philips LUMILED with life more than 25000 burning hours @70% lumen maintenance complying with LM 80 test report from the manufacturer.					
	Life of LED-25000 burning hours at 70% lumen maintenance					
	Description					
	Lumen output of the fitting					
13.01	Led batten 10 watt	11	547	each	Rupees five hundred forty seven only	6017
13.02	LED Batten 20 watt	19	631	each	Rupees six hundred thirty one only	11989
	S/E of LED Downlighter round type square/round 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.					
	Wattage of LED fittings- As per following parameters					
	Total lumens of the LED fittings- as per individual fittings mention below					
	Body of fittings-CRCA steel sheet with opal acrylic diffuser/ Extruded al. Housing CRCA front frame opal diffuser/CRCA power coated housing with					
	Operating voltage-150 V to 265 V, AC supply or better.					
	Input frequency-50 Hz + 1 Hz					
	Power factor-Minimum 0.95					
	Luminaire efficacy->100 lm/w					
	Color rendering index-CRI shall be 80 (minimum)					
	Working/ operating temperature-0 to + 45c or better					
	Color temperature-6000K to 6500K					
14.00	Electronic Driver					
	Drive current (LED)-As per OEM.					
	Operating voltage-150 V to 265 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					
	Fixture-Should comply with LM 79 test from NABL/UL 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.					
	Life of LED-50000 burning hours at 70% lumen maintenance					
	Lumen output of the fitting/ wattage					
	10W/1000 lumens					
14.01	Led Downlight 12 watt	1	1659	each	Rupees one thousand six hundred fifty nine only	1659

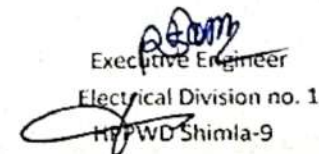
14.02	Led Downlight 24 watt	1	1887	each	Rupees one thousand eight hundred eighty seven only	1887
15.00	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes with 8 bar pressure rating, 5 star BEE rating and safety valve. installation by means of expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, making good the damages, electrical connections, testing etc. complete as required					
15.01	3 ltr	1	5183	each	Rupees five thousand one hundred eighty three only	5183
16.00	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					
16.01	Exhaust Fan, Light duty, (Domestic) 230 mm sweep	5	2156	each	Rupees two thousand one hundred fifty six only	10780
16.02	Exhaust Fan, Light duty, (Domestic) 300 mm sweep	1	2495	each	Rupees two thousand four hundred ninty five only	2495
17.00	Supplying and fixing of fancy wall bracket 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					
17.01	Wall light fixture Polycarbonate body, suitable for 9 W retrofit LED lamp B22 base.	3	1500	each	Rupees one thousand five hundred only	4500
18.00	Supplying and fixing following rating 3 pin plug with pvc body including connection testing and complete in all respects make havells, goldmedal or its equivalent as approved by Engineer-in-charge					
18.01	Plug top 15 Amp	2	110	each	Rupees one hundred ten only	220
	<b>Total</b>					99128

Terms & Conditions:-

- Rate Should be quoted for all heights including aii leads and lifts for intenal and external work for all floor levels.
- Useful materials should be handred over to the assistant engineer electrical sub division no-II shimla-2, otherwise creditto 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
- It is certify that the tander is being called on emergentnature in exigency of public interest.

DNIT No **2** for the year 2025-26 is duly approved amounting to ₹ 99128/ only  
Rupees Ninty nine thousand one hundred and twenty eight only.

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

  
Executive Engineer  
Electrical Division no. 1  
HPPWD Shimla-9

Schedule of quantity

EE

Estimated Cost 99950  
Earnest Money 2000  
Time Allotted One Month

Name of Work:- A/A to E.I in type 6 set No 19 at Mehli Shimla-9						
S.No	Description of items	Quantity	Rate	units		Amount
1.00	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm RLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductorsingle core cable etc as required.					
1.01	Group B	12	1026	each	Rupees one Thousand two hundred six only	12312
2	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.					
2.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	102.0	209	meter	Rupees two hundred and nine only	21318
2.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	10	315	meter	Rupees three hundred and fifteen only	3150
3.00	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.	5	305	each	Rupees three hundred and five only	1525
4.00	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.	2	441	each	Rupees four hundred fifty one only	882
5.00	Supplying and fixing following piano type switch/socket on the existing switch box/ cove including connections etc as required.					
5.01	S.P 5/6 amps, one way Piano switch	5	41	each	Rupees Fourty one only	205
5.02	2 way 5/6 A switch	19	59	each	Rupees Fifty nine only	1121
5.03	15/16 A switch	5	94	each	Rupees Ninety four only	470

5.04	6 pin 15/16 A socket outlet	5	110	each	Rupees one hundred ten only	550
6.00	Supplying and fixing 3 pin 5A ceiling rose on the existing junction box/ wooden block including connections etc as required.	2	69	each	Rupees sixty nine only	138
7.00	S/E of LED Batten with polycarbonate body and diffuser The fitting should be installed on existing surface/recess The job includes carriage, erection, making connections testing and commissioning of the fittings.					
	Specification of LED fittings					
	Wattage of LED fittings- As per following parameters					
	Total lumens of the LED fittings- as per individual fittings mention below					
	Diffuser-polycarbonate diffuser/PMMA					
	Operating voltage-140V to 270V, AC supply					
	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 + 45c or better					
	Color temperature-6000K to 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-Should 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 NABL/UI 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.					

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	Life of LED-25000 burning hours at 70% lumen maintenance					
	Description					
	Lumen output of the fitting					
7.01	LED Batten 20 watt	1	631	each	Rupees six hundred thirty one only	631
8.00	S/E of LED Downlighter(recess)round type 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.					
8.01	10 watt	6	536	each	Rupees five hundred thirty six only	3216
9.00	Providing and fixing Led Cob downlight (recess) round type with polycarboante body and diffuser of approved make as required complete in all respects					
9.01	6 watt	4	833	each	Rupees eight hundred thirty three only	3332
10.00	S/E of LED Downlighter round type square/round 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.					
	Wattage of LED fittings- As per following parameters					
	Total lumens of the LED fittings- as per individual fittings mention below					
	Body of fittings-CRCA steel sheet with opal acrylic diffuser/ Extruded al. Housing CRCA front frame opal diffuser/CRCA power coated housing with high efficiency translucent diffuser.					
	Operating voltage-150 V to 265 V, AC supply or better.					
	Input frequency-50 Hz + 1 Hz					
	Power factor-Minimum 0.95					
	Luminaire efficacy->100 lm/w					
	Color rendering index-CRI shall be 80 (minimum)					
	Color rendering index-CRI shall be 80 (minimum)					
	Working/ operating temperature-0 to + 45c or better					
	Color temperature-6000K to 6500K					
	Electronic Driver					
	Drive current (LED)-As per OEM.					

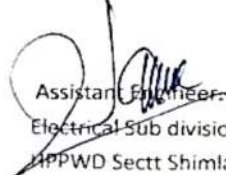
	Operating voltage-150 V to 265 V AC supply or better					
	Type of driver-Constant current output driver					
	THD-Less than 10%					
	Surge Protection-2.5 KV minimum					
	Efficiency Driver->85%					
	Protection-Shall have under voltage and over voltage protection.					
	Guarantee of LED fittings including LED driver-2 years against manufacturing defect.					
	Fixture-Should comply with LM 79 test from NABL/UL 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.					
	Life of LED-50000 burning hours at 70% lumen maintenance					
	Lumen output of the fitting/ wattage					
10.01	10W/1000 lumens					
11.00	Led Downlight 18 watt	1	1811	each	Rupees one Thousand eight hundred eleven only	1811
11.01	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes with 8 bar pressure rating ,5 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					
12.00	3 ltr	1	5183	each	Rupees five Thousand one hundred eighty three only	5183
12.01	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					

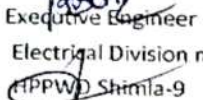
13.00	Exhaust Fan, Light duty, (Domestic) 230 mm sweep	1	2156	each	Rupees two Thousand one hundred fifty six only	2156
14.00	Providing and fixing Chandalier branched support that holds the lamp holder and bulb, typically made from metal or glass.The hanging pieces (e.g., pendalogues, balls, U-drops) that provide decoration and light refraction.The socket where the light bulb is inserted, usually B22, B15, E27, or E14 types.Ensuring the fixture hangs straight, parallel to building lines, and at the correct, uniform height connection etc as required complete in all respects.	2	19750	each	Rupees nineteen Thousand seven hundred fifty only	19750
15.00	Providing and fixing Wall bracket/shade component directly attached to the wall Allows upward or downward angling ,structural, often L-shaped support piece designed to attach to a wall, acting as an intermediary component to secure or support items such as shelves, TVs, lighting, and heavy fixtures connections etc as required complete in all respects.	6	1500	each	Rupees one Thousand five hundred only	9000
	Providing and fixing Led Up down Wall light Polycarbonate Housing modern black exterior with operating temperature with voltage range upto 155 to 300VAC and 25000 buring hours of goldmedal make as required complete in all respects.	11	1200	each	Rupees one Thousand two hundred only	13200
						99950

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
- It is certify that the tender is being called on emergent nature in exigency of public interest.

DNIT No **3** for the year 2025-26 is duly approved amounting to ₹ 99950/ only  
Rupees Ninty nine thousand nine hundred and fifty 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 99663  
 Earnest Money 2000  
 Time Allotted One Month

Name of Work:-Providing special repair to E.I in Type V set no-13,9,16,12,19,20,17,22 & Type VI set no-18,11,12,2,3,17,7 in Kasumpti/Mehli under ESD-II Shimla-2

Sr. No.	Sub-Head and Items of work	Qty.	Rate	Unit	Amount	
1.00	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm RLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductorsingle core cable etc as required.					
1.1	Group B	5	1026	each	Rupees one Thousand two hundred six only	5130
2.00	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.					
2.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	51	209	meter	Rupees two hundred and nine only	10659
2.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	21.2	315	meter	Rupees three hundred and fifteen only	6678
2.05	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	10	558	meter	Rupees five hundred and fifty eight only	5580
3.00	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in suitsofwork including cutting the wall and making good the same in case of recessed conduit as required					
3.01	20 mm	10	108	mtrs	Rupees one hundred eight only	1080
4.00	Supplying and fixing following piano type switch/socket on the existing switch box/ cove including connections etc as required.					
4.01	S.P 5/6 amps. one way Piano switch	14	41	each	Rupees Fourty one only	574
4.02	3 pin 5/6 A socket outlet	3	59	each	Rupees Fifty nine only	177
4.03	15/16 A switch	4	94	each	Rupees Ninty four only	376
4.04	6 pin 15/16 A socket outlet	3	110	each	Rupees one hundred ten only	330
4.05	Bell Push	2	67	each	Rupees sixty seven only	134
5.00	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 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.					
5.01	Single pole	6	241	each	Rupees Two hundred forty one only	1446
6.00	Providing and fixing 8 way Enclosure Single door of goldmedal or any other approved make.	1	715	each	Rupees seven hundred fifteen only	715
7.00	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	2	91	each	Rupees ninty one only	182

EE


8.00	Providing and installation of following type of Decorative LED bulb ; suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, including mounting clips & loop in loop out wire, connections, testing and commissioning etc. as required. Make: Philips, Syska, GE, Bajaj, C&S, Jaguar, or any other approved by Engineer-in-Charge.					
8.01	9 watt	6	173	each	Rupees one hundred seventy three only	1038
9.00	S/E of LED Batten with polycarbonate body and diffuser The fitting should be installed on existing surface/recess The job includes carriage, erection, making connections testing and commissioning of the fittings.					
	Specification of LED fittings					
	Wattage of LED fittings- As per following parameters					
	Total lumens of the LED fittings- as per individual fittings mention below					
	Diffuser-polycarbonate diffuser/PMMA					
	Operating voltage-140V to 270V, AC supply					
	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 + 45c or better					
	Color temperature-6000K to 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 NABL/UL 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						
Description						
Lumen output of the fitting						
9.01	Led batten 10 watt	6	547	each	Rupees five hundred forty seven only	3282
9.02	LED Batten 20 watt	11	631	each	Rupees six hundred thirty one only	6941
10.00	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.					

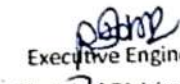
10.1	36/40 watt	1	1088	each	Rupees one thousand eighty eight only	1088
11.00	S/E of LED Downlighter(recess)round type with polycarboante body and diffuser The fitting should be installed on existing surface/recess. The job includes carriage, erection, making connections testing and commissioning of the fittings.					
11.01	6 watt	2	437	each	Rupees four hundred thirty seven only	874
12	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes with 8 bar pressure rating ,5 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					
12.01	Geyser 25 ltr	3	14683	each	Rupees one thousand five hundred only	44049
13.00	Providing and fixing Bed light component directly attached to the wall Allows upward or downward angling ,structural, often L-shaped support piece designed to attach to a wall, acting as an intermediary component to secure or support items such as shelves, TVs, lighting, and heavy fixtures connections etc as required complete in all respects.	6	1500	each	Rupees one thousand five hundred only	9000
15.00	Supplying and fixing following rating 3 pin plug with pvc body including connection testing and complete in all respects make havells, goldmedal or its equivalent as approved by Engineer-in-charge					
15.01	Plug top 15 Amp	3	110	each	Rupees one hundred ten only	330
Total						99663

Terms & Conditions:-

- i) Rate Should be quoted for all heights including aii 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 creditto 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
- IV) It is certify that the tander is being called on emergentnature in exigency of public interest.

DNIT No 4 for the year 2025-26 is duly approved amounting to ₹ 99663/ only  
Rupees Ninty nine thousand six hundred andsixty 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 99834

Earnest Money 2000

Time Allotted One Month

Name of work:- Providing special repair to E I inType IV set no-1,4,10,13,23 Brockhurst 38 below pine.Kothi no-1,2,3 Cottage no- 15, Ellerslie cottage, 6,15 Brockhurst. Type IV set no- 67,47 Kasumpti,Type VI set18 Melhi under ESD-II Shimla-2.

S.No	Description of items	Quantity	Units	Rate	Amount
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm RLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductorsingle core cable etc as required.				
1.1	Group B	2	1026	each	Rupees one Thousand and Twenty six only 2052
2	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.				
2.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	66	209	meter	Rupees two hundred and nine only 13794
2.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	62	315	meter	Rupees three hundred and fifteen only 19530
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 FRLSont including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required.	2	305	each	Rupees three hundred and five only 610
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 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.	4	441	each	Rupees four hundred fifty one only 1764

EE

5	Supplying and fixing following piano type switch/socket on the existing switch box/ cove including connections etc as required.					
5.1	S.P 5/6 amps, one way Piano switch	80	41	each	Rupees Fourty one only	3280
5.2	3 pin 5/6 A socket outlet	2	59	each	Rupees Fifty nine only	118
5.3	S.P15 /16 amps, one way Piano switch	4	94	each	Rupees Ninty four only	376
5.4	6 pin15/16 A socket outlet	4	110	each	Rupees one hundred ten only	440
6	Supplying and fixing PVC batten/ angle holder including connections etc. as required.	2	89	each	Rupees Eighty nine only	178
7	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
7.1	63 amp	1	525	each	Rupees Five hundred twenty five only	525
8	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 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.					
8.1	Single pole	3	241	each	Rupees Eight hundred fifty two only	723
9	Providing and installation of following type of Decorative LED bulb ; suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, including mounting clips & loop in loop out wire, connections, testing and commissioning etc. as required. Make: Philips, Syska, GE, Bajaj, C&S, Jaguar, or any other approved by Engineer-in-Charge.					
9.1	9 watt	6	173	each	Rupees one hundred seventy three only	1038
	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 parameters					
	Total lumens of the LED fittings- as per individual fittings mention below					
	Diffuser-polycarbonate diffuser/PMMA					
	Operating voltage-140V to 270 V, AC supply					
	Input frequency-50 Hz + 1 Hz					
	Power factor-Minimum 0.90					

EE

10	Luminaire efficacy->100 lm/w					
	Color rendering index-CRI shall be greater than 80					
	Working/ operating temperature-0 to + 45c or better					
	Color temperature-6000K to 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 NABL/UL 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						
Description						
Lumen output of the fitting						
10.1	Led batten 10 watt	3	547	each	Rupees five hundred forty seven only	1641
10.2	LED Batten 20 watt	22	631	each	Rupees six hundred thirty one only	13882
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 Domestic type					
11.1	Exhaust Fan, Light duty, (Domestic) 225 mm sweep	2	2156	each	Rupees two Thousand one hundred Fifty six	4312
11.2	Exhaust Fan, Light duty, (Domestic) 300 mm sweep	1	2495	each	Rupees two Thousand four hundred ninty five only	2495

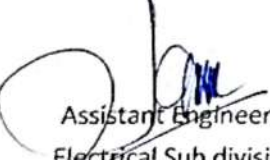
12	Supply, Installation, Testing and Commissioning of following sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CM/M/W) minimum 6.85, Air delivery minimum 215 CMM, 300 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote/ BLDC electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.					
12.1	Ceiling Fan 1200 mm sweep	1	2802	each	Rupees two Thousand eight hundred two only	2802
13	Providing and installation of following type of Pendent 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.					
13.1	Pendent Shade light	4	1200	each	Rupees one Thousand two hundred only	4800
14	Supplying and fixing of fancy wall bracket 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					
14.1	Wall light fixture Polycarbonate body, suitable for 9 W retrofit LED lamp B22 base.	11	1200	each	Rupees one Thousand two hundred only	13200
15	Providing and installation of following type of LED updown 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.					
15.1	LED wall light (up & down)	9	1200	each	Rupees one Thousand two hundred only	10800
16	Providing and installation of following type of Spike 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	Spike light 5 watt	1	1200	each	Rupees one Thousand two hundred only	1200
17	Supplying and fixing following rating 3 pin plug with pvc body including connection testing and complete in all respects make havells, goldmedal or its equivalent as approved by Engineer-in-charge					
17.1	Plug top 15 Amp	1	110	each	Rupees one hundred ten only	110
18	Supplying and fixing of following sizes of medium class PVC casing /capping along with accessories in surface and making good the same as required. 20 mm COST FOR 50 meterS					
18.1	20mm	2	82		Rupees eighty two only	164
Total						99834

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 certified that the tender is being called on emergency nature in exigency of public interest.

DNIT No. | for the year 2025-26 is duly approved amounting to ₹ 99834/ only  
Rupees Ninety nine thousand eight hundred and thirty four only.

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

  
Executive Engineer  
Electrical Division no. 1  
HPPWD Shimla-9