

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

NO.PW.ED.II.TA.TENDER/25-26-

2981-83

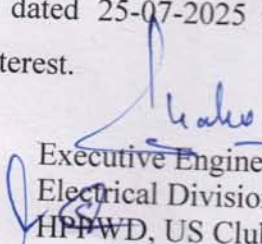
DATED:- 5/1/2026

To

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

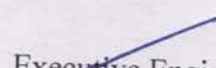
Subject: - Publication of tender notice.

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


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

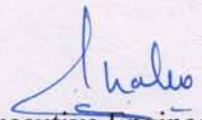
Copy forwarded to:-

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


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

Certificate

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


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



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

NOTICE INVITING TENDER

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

TIME SCHEDULE OF TENDER

(i) Last date of receipt of application:	13.01.2026 Upto 1.00 P.M
(ii) Date of sale of tenders	13.01.2026 Upto 2 PM to 5.00 PM
(iii) Last date of receipt of bids :-	14.01.2026 Upto 10.30 A.M
(iv) Date of bid opening: -	14.01.2026 at 11.30 A.M

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

S. N.	Name of work	Estimated cost	Earnest money	Time	Eligible class of registration
1.	Providing services for attending day to day electrical complaints and maintenance work in Electrical Sub Division, HPPWD, Reckong Peo District Kinnaur under Electrical Division No.II, HPPWD, U. S. Club, Shimla-01. W.e.f. 01.01.2026 to 30.11.2026.	Rs.4,86,304/-	Rs.10,000/-	11 months	C & B
2.	Special repair of HPPWD Rest House at Reckong Peo District Kinnaur. (H.P.) (SH:- Replacement of damaged LED fittings, inverter batteries & electrical maintenance therein.)	Rs.1,36,071/-	Rs.2800/-	Six months	D & C
3.	Erection and installation of hot air blowers in newly constructed Admin Block building of Eklavya Model Residential School at Nichar District Kinnaur. (H.P.)	Rs.1,19,019/-	Rs.2400/-	Six months	D & C
4.	C/O New Bus Stand at Nichar in District Kinnaur. (H.P.) (SH:- Providing E.I. therein.)	Rs.1,65,800/-	Rs.3400/-	Six months	D & C

TERMS AND CONDITIONS:-

- The earnest money in the shape of National Saving certificate. Time deposit account in any of the post office in HP/FDR or any Bank duly pledged in favor of Executive Engineer, Electrical Division No. II HPPWD Shimla-1 accompanied with the application for receipt of tender form along with cost of form.
- The contractor/firm should possess the following documents (photo copy to be self attested with application for obtaining the tenders documents.
 - Latest enlistment/renewal orders with application for electrical works.
 - GST Number issued by the Sale Tax Department.

c) PAN (Permanent Account Number) issued by the Income Tax Department and copy of EPF issued from competent authority.

3. The Executive Engineer, Electrical Division No.II, HPPWD Shimla-1 reserves the right to reject any tender without assigning any reason(s)

4. The Cess charges @ 1% will be deducted from the gross amount of work done of the contractor.

5. The work will be completed by the contractor within the stipulated period.

6. The tender shall be issued to only those contractor/firms who are eligible suitable and competent.

7. The tender forms shall be issued to eligible contractors depending upon their past performance and work experience which shall be duly evaluated by the technical evaluation committee.

8. The contractor /firm having necessary documents and past adequate experience shall be preferred.

9. The contractor who has failed to start/complete the work already allotted in his favor within stipulated period shall not be issued tender forms.

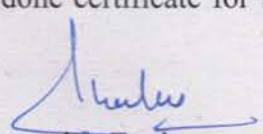
10. A contractor enlisted in a particular class be eligible to tender for his own class and one step below

11. Only two number tender forms will be issued to the eligible contractor.

12. If any kind of holiday to be happened, the tender shall be opened on the next working day at 11.30 a.m.

13. GST will be deducted as per rates fixed by the Government.

14. Work appearing at Sr. No. 1 shall be issued to those having work done certificate for the similar work.


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

No.PW.ED.II.TA.Tender/2025-2026-

2984-98

Dated:- 5/11/2026

Copy forwarded to the following for information :-

1. The Superintending Engineer, 1st Electrical Circle, HPPWD, Shimla-9.

2. All the Assistant Engineers working under this Division.

3. The Superintendent Grade-II, Head Draughtsman, Sr. Divisional Accounts officer in this division for information and necessary action.

4. Himachal Electrical Contractors Welfare Association (South Zone), Saraswati Bhawan, Kasumpti, Shimla-171009.

5. Notice Board.


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

DRAFT SCHEDULE OF QUANTITY

Estimated Cost:- Rs.4,86,304/- only
 Earnest Money:- Rs. 10,000/- only
 Time:- 11-Months

Name of work:- Providing services for attending day to day electrical complaints and maintenance work in Electrical Sub-Division HPPWD Reckong-Peo District Kinnaur under Electrical Division No.II HPPWD (U.S. Club) Shimla-01 w.e.f. 01-01-2026 to 30-11-2026

S.No.	Description of Items	Qty.	Unit	In Figures	In words	Rate	Amount
1.00	Providing services for attending day to day electrical complaints and maintenance work in Electrical Sub-Division HPPWD Reckong-Peo District Kinnaur under Electrical Division No.II HPPWD (U.S. Club) Shimla-01 to the best satisfaction of Engineer-in-charge for the period of one year (w.e.f. 01-01-2026 to 30-11-2026)						
1.01	T-Mate (Electrical) = 2 Nos	334	Per Day	1,456	Rupees One Thousand Four Hundred Fifty-Six Only		486,304
					Total Amount :		486,304

*Draft Schedule of Quantity approved for Rs. 4,86,304/-
 (Rs Four lakhs, eighty six thousand, Three hundred and four only)*

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

DRAFT SCHEDULE OF QUANTITY

Estimated Cost:- Rs.1,36,071/- only

Earnest Money:- Rs. 2800 /- only

Time:- Six Months

LEE

Name of work:- Special Repair of HPPWD Rest House at Reckong Peo District Kinnaur (H.P.) (SH:- Replacement of damaged LED Fittings, Inverter Batteries & electrical maintenance therein)

S.No.	Description of Items	Qty.	Unit	Rate		Amount
				In Figures	In words	
1.00	Providing and fixing of 12V/150Ah Tubular Battery complete with connections, Testing etc. as required complete in all respect.make Luminus,Livgaud, Microtech etc.					
1.01	12V/150Ah Tubular Battery	2	Each	16,890	Rupees Sixteen Thousand Eight Hundred Ninety Only	33,780
2.00	S/E of LED Downlighter round type surface with polycarbonate body and diffuser The fitting should be installed on existing surface The job includes carriage, erection, making connections testing and commissioning of the fittings. Specification of LED fittings: Wattage of LED fittings As per following parameter. Lumen output of the fitting 2400 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 >85 lm/w Color rendering index CRI shall be greater than 80 Working/ operating temperature 00 to + 450c or better Color temperature 60000K + 10% Electronic Driver Drive current (LED) As per OEM. Operating voltage 140 V to 270 V AC supply or better Type of driver Constant current output driver THD Less than 10% Surge Protection 2.5 KV minimum Efficiency Driver>85%					

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2.01	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 50,000 burning hours @70% lumen maintenance complying with LM 80 test report from the manufacturer. Life of LED 25000 burning hours at 70% lumen maintenance	8	Each	547	Rupees Five Hundred FourtySeven Only	4,376
3.00	Round LED Down Light 6W Surface S/E of LED Batten with polycarbonate body and diffuser The fitting should be installed on existing surface/recess The job includes carriage, erection, making connections testing and commissioning of the fittings. Specification of LED fittings: Wattage of LED fittings As per following parameter. Total lumens of the fittings. as below Diffuser Polycarbonate diffuser/PMMA Operating voltage 140 V to 270 V, AC supply or better. Input frequency 50 Hz + 1 Hz Power factor Minimum 0.90 Luminaire efficacy >110 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.					

3.01	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 25000 burning hours at 70% lumen maintenance	6	Each	597	Rupees Five Hundred NinetySeven Only	3,582
4.00	LED Batten Light 10W 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 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 >110 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 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	12	Each	1,599	Rupees One Thousand Five Hundred NinetyNine Only	19,188
4.01	LED Batten Light 20W					

5.00	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.						
5.01	Exhaust Fan, Light duty, (Domestic) 225/230 mm sweep	2	Each	2,286	Rupees Two Thousand Two Hundred EightySix Only	4,572	
6.00	Supplying and fixing of Bell Indicator complete with all accessories including making connections, testing & Commissioning etc. as required.						
6.01	Bell Indicator 12-way	1	Each	1,713	Rupees One Thousand Seven Hundred Thirteen Only	1,713	
7.00	Providing and installation of LED retrofit lamp of following wattage, B-22 holder base with polycarbonate body and aluminium heat sink; suitable for input voltage: AC 220-240 V, 50/60Hz, including mounting in existing fixture, testing etc. as required complete in all respects. Make:-Havells, Wipro, Panasonic, Bajaj or any other approved by Engineer-in-Charge.						
7.01	LED retrofit lamp 9/10 Watt.	10	Each	132	Rupees One Hundred ThirtyTwo Only	1,320	
7.02	LED retrofit lamp 40 Watt.	2	Each	872	Rupees Eight Hundred SeventyTwo Only	1,744	
8.00	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:-						
8.01	35 Liter capacity water heater (Cat-A)	1	Each	23,922	Rupees TwentyThree Thousand Nine Hundred TwentyTwo Only	23,922	
9.00	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.	4	Each	444	Rupees Four Hundred FortyFour Only	1,776	
10.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	2	Each	660	Rupees Six Hundred Sixty Only	1,320	
11.00	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.						
11.01	5/6 amps switch	14	Each	85	Rupees EightyFive Only	1,190	
11.02	2 way 5/6 A switch	10	Each	130	Rupees One Hundred Thirty Only	1,300	

11.03	15/16 A switch	10	Each	156	Rupees One Hundred FiftySix Only	1,560
11.04	3 pin 5/6 A socket outlet	7	Each	132	Rupees One Hundred ThirtyTwo Only	924
11.05	6 pin 15/16 A socket outlet	8	Each	211	Rupees Two Hundred Eleven Only	1,688
11.06	Bell push	8	Each	134	Rupees One Hundred ThirtyFour Only	1,072
12.00	Supplying and fixing 6 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
12.01	Single pole 16 Amp.	8	Each	329	Rupees Three Hundred TwentyNine Only	2,632
13.00	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.					
13.01	40 A DP	4	Each	1,563	Rupees One Thousand Five Hundred SixtyThree Only	6,252
14.00	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.					
14.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	20	Meter	223	Rupees Two Hundred TwentyThree Only	4,460
14.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	50	Meter	354	Rupees Three Hundred FiftyFour Only	17,700
					Total Amount :-	₹ 136,071

Note :- Recovery for useful material @ Rs.1,500 /- will be made in final bill

*Draft Schedule of quantity approved for Rs.136071/-
CRS one Lakh, Thirty six thousand, & Seventy one only*

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

DRAFT SCHEDULE OF QUANTITY

Estimated Cost:- Rs.119019/- only
 Earnest Money:- Rs.2400/- only
 Time:- Six Months

Name of work:- Erection and Installation of Hot-Air Blowers in Newly Constructed Admin Block building of Eklavya Model Residential School at Nichar Distt. Kinnaur (H.P.)

S.No.	Description of Items	Qty.	Unit	In Figures	Rate		Amount
					In words		
1.00	Erection and installation of existing Hot Air Blower with MCB DB DD 4-way along with MCB TPN complete with all accessories including making connections, testing, Installation at site etc. as required to complete the job to the entire satisfaction of EIC.						
1.01	Erection of Hot-Air Blower with accessories.	7	each	851	Rs. Eight Hundred Fifty One only		5957.00
2.00	Erection and fixing of Existing sheet metal bus-bar chamber suitable for 100 Amp. 415 volts capacity complete with all accessories including making connections, testing, Installation at site etc. as required to complete the job to the entire satisfaction of EIC.	1	each	255	Rs. Two Hundred Fifty Five only		255.00
3.00	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required.	1	each	779	Rs. Seven Hundred Seventy Nine only		779.00
4.00	Providing & Laying of one number aluminium conductor, PVC insulated and PVC sheathed armoured/ XLPE power cable, 1.1 KV grade of following sizes on wall surface as required.						
4.01	Armoured cable 35 sq. mm (3.5 core)	60	Metre	587	Rs. Five Hundred Eighty Seven only		35220.00

5.00	Providing, laying and fixing of one No. DWC (Double walled corrugated) HDPE Pipe for Power cable protection of high grade direct in ground including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering and jointing together by Snap-fit coupler with rubber ring complete with connection etc. as required to complete the job to the entire satisfaction of EIC.					
5.01	40 mm dia.	50	Metre	180	Rs. One Hundred Eighty only	9000.00
6.00	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing as required.	8	Metre	172	Rs. One Hundred Seventy Two only	1376.00
7.00	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)					
7.01	4 way , Double door	1	each	2191	Rs. Two Thousand One Hundred Ninety One only	2191.00
8.00	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.					
8.01	40 A DP	1	each	1381	Rs. One Thousand Three Hundred Eighty One only	1381.00
9.00	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.					
9.01	40 A	1	each	3073	Rs. Three Thousand Seventy Three only	3073.00

10.00	S/E 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.						
10.01	MCCB 40- 100 Amp. 36 ka 4 Pole Release without rotary handle with Enclosure.	1	each	18057		Rs. Eighteen Thousand Fifty Seven only	18057.00
11.00	Supplying and Fixing of PVC Trunking system of following size on the existing wall at required height from lower level for power connection etc. including body with cover complete in all respect etc. as required to complete the job to the entire satisfaction of EIC.						
11.01	30 mm x 15 mm.	44	Metre	130		Rs. One Hundred Thirty only	5720.00
12.00	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.						
12.01	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	12	Metre	354		Rs. Three Hundred Fifty Four only	4248.00
12.02	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	2	Metre	476		Rs. Four Hundred Seventy Six only	952.00
13.00	Providing, laying and fixing of one No. Copper conductor, PVC insulated and PVC sheathed, Flexible Multicore Annealed bare Copper Conductor power cable, working voltage 1100 volts grade on surface etc. of the required size. Make:- Anchor, Havells, KEI, Polycab or any other approved by Engineer-in-Charge.						
13.01	Copper cable 4 sq. mm (5-core)	65	Metre	474		Rs. Four Hundred Seventy Four only	30810.00
	Total:-						119019.00

*Draft Schedule of quantity approved for Rs. 119019/-
(Rs. one Lakh, Nineteen Thousand, & Nineteen only)*

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

DRAFT SCHEDULE OF QUANTITY

Estimated Cost:- Rs.165800/- only
 Earnest Money:- Rs.3400/- only
 Time:- Six Months

Name of work:- C/O New Bus Stand at Nichar in Distt. Kinnaur (H.P.) {SH:- Prov. E.I. therein}

S.No.	Description of Items	Qty.	Unit	Rate		Amount
				In Figures	In words	
1.00	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required.					
1.01	Group C.	33	Point	913.00	Rs. Nine Hundred Thirteen only	30129.00
2.00	Wiring for twin control light point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit with 2-way, 5/6 amps. piano type switch and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required.					
2.01	Group C.	2	Point	914.00	Rs. Nine Hundred Fourteen only	1828.00
3.00	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required.					
3.01	2x1.5 Sq. mm.	60	Meter	162.00	Rs. One Hundred Sixty Two only	9720.00
3.02	2x2.5 Sq. mm.	10	Meter	183.00	Rs. One Hundred Eighty Three only	1830.00
3.03	2x6.0 Sq. mm.	10	Meter	274.00	Rs. Two Hundred Seventy Four only	2740.00
3.04	2x10 Sq. mm.	2	Meter	360.00	Rs. Three Hundred Sixty only	720.00

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4.00	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 Nos HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required.					
4.01	4x1.5+2X1.5 Sq. mm.	20	Meter	314.00	Rs. Three Hundred Fourteen only	6280.00
5.00	Wiring for power plug with 2x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.4 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required.	30	Meter	213.00	Rs. Two Hundred Thirteen only	6390.00
6.00	Wiring for power plug with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No.4 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required.	16	Meter	319.00	Rs. Three Hundred Nineteen only	5104.00
7.00	Supplying and fixing following rating Piano-type switch /socket on the existing switch box / cover including connections etc. as required.					
7.01	S.P. 5/ 6 Amps one way switch, piano type.	3	each	23.00	Rs. Twenty Three only	69.00
7.02	5 pin 5/ 6 Amps socket outlet, porcelain base/ piano type.	3	each	31.00	Rs. Thirty One only	93.00
8.00	Supplying and fixing metal box of 100mmx100mmx60mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 5/6 amps socket outlet and 5/6 amps, piano type switch, connections, painting etc. as required.	2	each	125.00	Rs. One Hundred Twenty Five only	250.00
9.00	Supplying and fixing metal box of 180mmx100mmx60mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 6 pin 15/16 amps socket outlet and 15/16 amps, piano type switch, connections, painting etc. as required.	4	each	189.00	Rs. One Hundred Eighty Nine only	756.00

10.00	Supplying and fixing electrical switch board, having 3 No. of 5 amp. switches and socket on suitable size of metal box of 200mm X150 mm X 75 mm deep (nominal size) on surface or in recess with suitable size phenolic laminated sheet cover in the front i/c providing and fixing 3 No. 5 pin 5/6 amp socket outlet and 5/6 amp piano type switch, connection, painting etc.as req. (For light plugs)	1	each	448	Rs. Four Hundred Forty Eight only	448.00
11.00	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes by means of Expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, providing and fixing of Non-return valve, Dead weight safety valve, 2 No C.P. connection rods 18" long, making good the damages, electrical connections, safety valve connections, testing and commissioning etc. as required:-					
11.01	35 Liter capacity water heater (Cat-A)	1	each	10089.00	Rs. Ten Thousand Eighty Nine only	10089.00
12.00	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required:-					
12.01	Single pole. 6 Amp. Cat-A.	6	each	153.00	Rs. One Hundred Fifty Three only	918.00
12.02	Single pole. 16 Amp. Cat-A.	4	each	153.00	Rs. One Hundred Fifty Three only	612.00
13.00	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
13.01	40 Amps. Cat-A.	2	each	323.00	Rs. Three Hundred Twenty Three only	646.00
14.00	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliampers in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
14.01	25 Amps. Cat-A.	1	each	1664.00	Rs. One Thousand Six Hundred Sixty Four only	1664.00

14.02	40 Amps. Cat-A.	1	each	1940.00	Rs. One Thousand Nine Hundred Forty only	1940.00
15.00	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus-bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required:-					
15.01	Double door-8 way	1	each	899.00	Rs. Eight Hundred Ninety Nine only	899.00
15.02	Double door-12 way	1	each	1065.00	Rs. One Thousand Sixty Five only	1065.00
16.00	Providing, fixing and installation of following rating and breaking capacity MCCB in the existing cubical panel board including drilling holes in the cubical panel, suitable for input voltage: 240 Volt AC, 50 Hz, Conforms to IS/IEC 60947-2 & IEC 60947-2 complete with all accessories, including making connections, testing and commissioning etc. as required, Make: L&T, Havells or any other approved by Engineer-in-Charge.					
16.01	MCCB DU100 2-Pole 63 Amp. Breaking Capacity 25KA	1	each	1695.00	Rs. One Thousand Six Hundred Ninety Five only	1695.00
17.00	Supplying and fixing of MCCB Enclosure, suitable for 2-pole MCCB, on surface / recess, complete with tinned neutral link, earth bar, din-bar, detachable gland plate, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required:- Make: L&T, Havells or any other approved by Engineer-in-Charge. Cat.No. ST980500000	1	each	1105.00	Rs. One Thousand One Hundred Five only	1105.00
18.00	Earthing with G.I earth pipe 4.5 mtr. long and 40mm dia, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required.	1	Set	2679.00	Rs. Two Thousand Six Hundred Seventy Nine only	2679.00
19.00	Extra for using salt and charcoal for pipe earth electrode complete as required.	1	Set	904.00	Rs. Nine Hundred Four only	904.00

20.00	Supplying and laying 6 SWG G.I. wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required.	20	Meter	24.00	Rs. Twenty Four only	480.00
21.00	Providing and fixing 6 SWG (4 mm dia.) G.I. wire on surface or in recess for loop earthing along with existing surface/recessed conduit/sub-main wiring/cable as required.	30	Meter	11.00	Rs. Eleven only	330.00
22.00	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required:-					
22.01	Exhaust Fan, Light duty, (Domestic) 300 mm sweep	3	each	1457.00	Rs. One Thousand Four Hundred Fifty Seven only	4371.00
23.00	Providing & fixing the louvers/shutters complete with frame for exhaust fans of all sizes as required.	3	each	650.00	Rs. Six Hundred Fifty only	1950.00
24.00	Supplying and fixing ceiling rose on the existing junction box / wooden block including connections etc. as required.	17	each	22.00	Rs. Twenty Two only	374.00
25.00	Providing and installation of following type of ultra slim decorative LED Batten Light suitable for 100 lumens/watt with minimum 2 year warranty with extruded aluminium heat sink, with antiglare polycarbonate diffuser and energy efficient constant current, integral electronic driver, suitable for input voltage: 220-240 V, 50/60 Hz, complete with all accessories, including mounting clips & loop in loop out wire, connections, testing and commissioning etc. as required, Make: Philips , Syska, Havells, Bajaj, Panasonic or any other approved by Engineer-in-Charge.					
25.01	LED Batten Light 20 Watt.	14	each	996.00	Rs. Nine Hundred Ninety Six only	13944.00

26.00	Providing and installation of following type of Surface mounting round type LED Downlight 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, including making suitable cut-out in the existing ceiling, connections, testing and commissioning etc. as required. Make: Havells, Philips, Bajaj, Panasonic or any other approved by Engineer-in-Charge.					
26.01	LED Downlight 6 WH RD	4	each	989.00	Rs. Nine Hundred Eighty Nine only	3956.00
26.02	LED Downlight 15 WH RD	5	each	1451.00	Rs. One Thousand Four Hundred Fifty One only	7255.00
27.00	Providing and installation of following type of Recess mounting Square type LED Panel Light 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, including making suitable cut-out in the existing ceiling, connections, testing and commissioning etc. as required. Make: Philips, Havell's Bajaj, Panasonic or any other approved by Engineer-in-Charge.					
27.01	LED Panel Light 24 Watt. (Siza:- 600 x 600 mm)	2	each	4353.00	Rs. Four Thousand Three Hundred Fifty Three only	8706.00
28.00	Providing and installation of following type of LED Street Light Fitting 45 Watt. single piece, Versatile pressure die-cast aluminium IP66 roadway luminaire with high power LEDs as light source & exclusively designed polycarbonate cover alongwith electronic driver, suitable for pole dia 54 mm max. complete with all accessories including making connections, testing etc. as required. Make: Philips, Bajaj, Havells, Panasonic or any other approved by Engineer-in-Charge.					
28.01	Roadway luminaire 45 W LED	3	each	7136.00	Rs. Seven Thousand One Hundred Thirty Six only	21408.00

29.00	Supplying and erection of street light bracket made of G.I. pipe 'A' class of suitable length and dia, the pipe bended to give an angle of 100 to 110 degree fitted with bolt & nuts at the top of existing pole or wall including painting the pipe with two coats of approved paint over priming coat complete in all respects as required:-						
29.01	32 mm dia. G.I. pipe, heavy class	3	each	468.00	Rs. Four Hundred Sixty Eight only	1404.00	
30.00	Providing and installation of following type of surface mounted, decorative oval plastic bulk head LED luminaire environmental friendly, ultra modern, energy saving, comprising of high brightness LEDs, suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, including making suitable cut-out in the existing ceiling, connections, testing and commissioning etc. as required. Make: Havells, Philips, Syska, Bajaj, Panasonic or any other approved by Engineer-in-Charge.						
30.01	LED Bulk Head Fitting 10 Watt.	3	each	1853.00	Rs. One Thousand Eight Hundred Fifty Three only	5559.00	
31.00	Providing, laying and fixing of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured/XLPE power cable, working voltage 1100 volts grade on surface etc. of the required size:-						
31.01	Armoured cable 10 sq. mm (twin core)	30	R.Mtr.	183.00	Rs. One Hundred Eighty Three only	5490.00	
	Total:-					165800.00	

*Drift schedule of quantity approved for Rs. 1,65,800/-
(As one Lakh, Sixty five & eight hundred only)*

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