HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

'NOTICE INVITING TENDER'

Sealed Percentage rate tender on the prescribed form, terms and conditions mentioned in form- 6 &7 ,8 are hereby invited for the following works by the undersigned from the approved firms/contractors, so as to reach in the office of the undersigned (i)Tender documents consisting of plans classes of work to be done and set of terms and conditions of contract to be complied with by the contractor/firms whose tender may be accepted and other necessary documents can be seen in the office of the Assistant Engineer between hours of 11.00 AM to 4.00 PM except on Sundays and public holidays. (2) The contractor who are not registered under HP general sale tax Act. 1968 and have not cleared all the dues on account of sale tax shall not be issued the tender documents. (3) The contractor who has no registration certificate with Excise and taxation department of HP will not be issued the tender documents (4) Tenders placed in sealed envelope with name of work and due date written on the envelope will be received by the undersigned and will be opened by him or his authorized representative in his office in the presence of contractors, present if any. (5) The earnest money in the shape of NSC/Time deposit account /saving account in any of the post offices of HP duly pledged in favour of undersigned must accompany with the tender in the separate envelope. The tenders without earnest money will summarily be rejected. (6)) In case of holiday, the tenders shall be received and opened on the next working day. (7) Tenders of contractors who quote two or more than two rates for any item of work shall be rejected. (8) The eligible contractor/Firm should be with performance/work done certificate for specialized Jobs as required. (9) The competent authority on behalf of Governor of H.P reserves the right to reject any or all the tenders received without assigning any reason.

(i) Last Date of receipt of application : 15 October, 2025 Up to 1.00 P.M
(ii) Last Date of sale of tenders : 15October, 2025 Up to 2:00 PM to 5:00 PM
(iii) Last Date of receipt of bids : 16 October, 2025 Up to 10:30 AM
(iv) Date of Bid opening : 16 October, 2025 at 11:30 AM

Sr.No.	*Name of work*	*Estimated cost*	*Earnest Money*	*Time limit*	*Form No.*	*Cost of form*	*Eligible class of contractor*
1.	Repairing & Servicing Two No's 5-KVA DG sets including providing Batteries & Batteries Chargers and all necessary spare parts for DG sets installed in Judicial Court Complex Kinnaur at Reckong-Peo (H.P.)	Rs.55,012/-	Rs. 1200/-	One Month	6 & 8	Rs.350/-	Specialized Job
2.	Replacement of damaged LED Fittings, Inverter Batteries & electrical maintenance HPPWD Circuit House at Kalpa District Kinnaur (H.P.)	Rs. 87,729/-	Rs.1800/-	Three Month	6 & 8	Rs.350/-	C&D
3	A/R & M/O of 1.5 ton capacity of LG-make All weather Air conditioners instaled in HPPWD Rest House Reckong-Peo District Kinnaur (H.P.) for one year (2024-25)	Rs.14,160/-	Rs.500/-	One Year	6 & 8	Rs.350/-	Specialized Job

4	Up-gradation/Renovation/Converting the existing toilet to Disable friendly toilets in Ground-Floor of Distt and Session court building And Repair of Staff Toilet in First Floor in CJM Court building at Reckong-Peo Distt. Kinnaur (H.P.) (SH:-Providing New Exhaust Fan points and Electrical repair work therein)	Rs.60.206/-	Rs.1300/-	Three Months	6 & 8	Rs.350/-	C&D
5	Providing additional Computer Points & Inverter wiring for existing light poins in ADR Centre building at Reckong-Peo District Kinnaur (H.P.)	Rs.56.855/-	Rs.1300/-	Three Months	6 & 8	Rs.350/-	C&D
6	Providing and Replacement of Damaged SOP Cable and Damaged Fittings in HPPWD Rest House Tapri Distt. Kinnaur (H.P.)	Rs. 87.303/-	Rs.1800/-	Three Month	6 & 8	Rs.350/-	C&D

Assistant Engineer,
Electrical Sub-Division
HPPWD, Reckong-Peo
District Kinnaur (H.P.)

No.PW. -ESD/HPPWD/R-Peo/Tenders/ 2025-26 200-05 ***Dated:*** 08/10/2025

Copy forwarded for information to the following

1. *The Deputy Commissioner Kinnaur at Reckong-Peo Distt. Kinnaur.*
2. *The Executive Engineer, Elect. Division No.II, HPPWD Shimla-1.*
3. *All the JE's under this Sub. Division.*
4. *All the approved contractors/firms/President Contractor, Association.*
5. *Notice Board.*

Assistant Engineer,
Electrical Sub-Division
HPPWD, Reckong-Peo
District Kinnaur (H.P.)

CERTIFICATE: -

IT IS CERTIFIED THAT THE TENDER FOR ABOVE WORK IS URGENTLY REQUIRED AND IN PUBLIC INTEREST.

Assistant Engineer,
Electrical Sub-Division
HPPWD, Reckong-Peo
District Kinnaur (H.P.)

DRAFT SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 55,012 /- only
Earnest Money:- Rs. 1200/- only
Time:- One Month

NAME OF WORK:- Repairing & Servicing Two No's 5-KVA DG sets including providing Batteries & Batteries Chargers and all necessary spare parts for DG sets installed in Judicial Court Complex Kinnaur at Reckong-Peo (HP)

S.No.	Description of Items	Qty.	Unit	Rate		Amount
				In Figures	In words	
1.00	Repairing & Servicing of Kirloskar make 5-KVA DG set new model KG1-5A93 (Engine No.D3.9618/1800113), including the following parts :- FUEL FILTER ELEMENT SPIN ON LUBE OIL FILTER AIR CLEANER ELEMENT MAHLE ((KFA-02-1-7294) Kirloskar Care Premium Genuine Oil 5 Liters Can STARTER 12V Battery 12 Volt 65 AH Battery Charger 6 Amp. 12 Volt Complete cleaning of DG set including the all labour charges, to the best satisfaction of Engineer-in-charge.	1	Job	31563	Rupees Thirty One Thousand Five Hundred Sixty Three Only	31563
2.00	Repairing & Servicing of Kirloskar make 5-KVA DG set old model KG-5AS7 (Engine No.D3.1609.92/1200086), including the following parts :- AIR CLEANER ELEMENT MAHLE ((KFA-02-1-7294) FUEL FILTER ELEMENT SPIN ON LUBE OIL FILTER Kirloskar Care Premium Genuine Oil 5 Liters Can Battery 12 Volt 65 AH Battery Charger 6 Amp. 12 Volt Complete cleaning of DG set including the all labour charges, to the best satisfaction of Engineer-in-charge.	1	Job	18789	Rupees Eighteen Thousand Seven Hundred Eighty Nine Only	18789
5.00	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.					
5.01	Armoured cable 6 sq. mm (twin core)	20	Meter	233	Rupees Two Hundred Thirty Three Only	4660
					Total	**55,012**

Junior Engineer
Electrical Sub-Division
HPPWD Reckong Peo
(Reckong-Peo Section)

Assistant Engineer
Electrical Sub-Division,
HPPWD Reckong Peo

Draft Schedule of quantity approved for Rs.55012/=
(Rs Fifty five Thousand, & Two Only)

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

DRAFT SCHEDULE OF QUANTITY

Estimated Cost:- Rs.87,729/- only
Earnest Money:- Rs. 1800/- only
Time:- Three Months

Name of work:- Replacement of damaged LED Fittings, Inverter Batteries & electrical maintenance HPPWD Circuit House at Kalpa District Kinnaur (H.P.)

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 Luminius,Livgaurd, Microtech etc.					
1.01	12V/150Ah Tubular Battery	2	Each	16,890	Rupees Sixteen Thousand Eight Hundred	33,780
2.00	S/E of LED Downlighter round type surface with polycarboante 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%					
	Protection Shall have under voltage and over voltage protection.					

S.No.	Description of Items	Qty.	Unit	Rate		Amount
				In Figures	In words	
	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					
2.01	Round LED Down Light 6W Surface	10	Each	547	Rupees Five Hundred FourtySeven Only	5,470
3.00	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 >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.					

S.No.	Description of Items	Qty.	Unit	Rate		Amount
				In Figures	In words	
	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					
3.01	LED Batten Light 10W	10	Each	597	Rupees Five Hundred NinetySeven Only	5,970
4.00	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.					
	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					

S.No.	Description of Items	Qty.	Unit	Rate		Amount
				In Figures	In words	
4.01	LED Batten Light 20W	10	Each	1,599	Rupees One Thousand Five Hundred	15,990
5.00	Supplying and fixing PVC batten/ angle holder including connections etc. as required.	10	Each	116	Rupees One Hundred Sixteen Only	1,160
6.00	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.					
6.02	LED retrofit lamp 40 Watt.	10	Each	872	Rupees Eight Hundred SeventyTwo Only	8,720
7.00	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
7.01	5/6 amps switch	20	Each	85	Rupees Eighty Five Only	1,700
7.02	2 way 5/6 A switch	10	Each	130	Rupees One Hundred Thirty Only	1,300
7.03	15/16 A switch	10	Each	156	Rupees One Hundred FiftySix Only	1,560
7.04	3 pin 5/6 A socket outlet	10	Each	132	Rupees One Hundred ThirtyTwo Only	1,320
7.05	6 pin 15/16 A socket outlet	10	Each	211	Rupees Two Hundred Eleven Only	2,110
7.06	Bell push	5	Each	134	Rupees One Hundred ThirtyFour Only	670
8.00	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.					
8.01	Single pole 16 Amp.	10	Each	329	Rupees Three Hundred TwentyNine Only	3,290
9.00	Supplying and fixing following rating, followings poles 10ka 240/415v 'C' curves miniature circuit braker suitable for inductive load of following poles in the exsisting MCB DB complete with connections, testing and commissioning etc. as required.					
9.01	63 A DP	3	Each	1,563	SixtyThree Only	4,689
					Total Amount : -	***87,729***

Note : - Recovery for useful material @ Rs.1500/- will be made in final bill

Junior Engineer
Electrical Sub-Division
HPPWD Reckong Peo
(Reckong-Peo Section)

Assistant Engineer
Electrical Sub-Division,
HPPWD Reckong Peo

Draft Schedule of Quantity approved for Rs. 87,729/- (Rupees Eighty Seven Thousand Seven Hundred Twenty Nine only.)

Executive Engineer,
Electrical Division No.-II,
HP PWD (U.S. Club) Shimla-9

DRAFT SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 14,160 /- only
Earnest Money:- Rs. 500/- only
Time:- One Year

Name of work :- A/R & M/O of 1.5 ton capacity of LG-make All weather Air conditioners instaled in HPPWD Rest House Reckong-Peo District Kinnaur (H.P.) for one year (2024-25)

S.No.	Description of Items	Qty.	Unit	Rate		Amount
				In Figures	In words	
1.00	Annual , repair & maintenance (Routine & preventive of LG-Make 1.5 ton capacity split AC's with four number mandatory quarterly services and all emergency break down services as and when required from time to time as pe the best satisfaction of Engineer In Charge					
	The AMC will include the following					
	Compress, thermostat relay, OLP , Fan motor, timers, heaters, Air dampers ice maker, tempreture densors, evaporators, condensers, refrigerant charging driers capillary blowers, fan blade control box, magnetron , Electrical switches, transformer (Internal), diodes, capacitors, wire hairness, Wash & spin motors gear box clutch assembly drum inner bellowes bears & Lip seal ,drain motor pump, Electrical valves, buzzer suspension key memner remote PCB including cost of their replacement .					
	All defective components shall be replaced with compatible working parts and defective parts shal be company's /firm/contractors property					
	AMC of Spilt type AC 1.5 Ton capacity	5	Each	2832	Rupees Thirty One Thousand Five Hundred Sixty Three Only	14160
					Total	***14,160***

Junior Engineer
Electrical Sub-Division
HPPWD Reckong Peo
(Reckong-Peo Section)

Assistant Engineer
Electrical Sub-Division,
HPPWD Reckong Peo

Draft Schedule of Quantity approved for Rs. 14,160/- (Rupees Fourteen Thousand one Hundred Sixty only)

Executive Engineer
Electrical Division No. II,
HP PWD (U.S. Colony) Reckong Peo

DRAFT SCHEDULE OF QUANTITY

Estimated Cost:- Rs.60,206/- only
Earnest Money:- Rs. 1300/- only
Time:- Three Months

Name of work:- Up-gradation/Renovation/Converting the existing toilet to Disable friendly toilets in Ground-Floor of Distt and Session court building And Repair of Staff Toilet in First Floor in CJM Court building at Reckong-Peo Distt. Kinnaur (H.P.) (SH:-Providing New Exhaust Fan points and Electrical repair work therein)

S.No.	Description of Items	Qty.	Unit	Rate		Amount
				In Figures	In words	
1.00	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.					
1.01	Group C	4	Point	1,418	Rupees One Thousand Four Hundred Eighteen Only	5,672
2.00	Rewiring for light point/ fan point/exhaust fan point/call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel conduit including dismantling as required					
2.01	Group C	12	Point	841	Rupees Eight Hundred FourtyOne Only	10,092
3.00	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.	2	each	468	Rupees Four Hundred SixtyEight Only	936
4.00	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.					
4.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	22	Meter	228	Rupees Two Hundred TwentyEight Only	5,016
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	25 mm	10	Meter	139	Rupees One Hundred ThirtyNine Only	1,390

S.No.	Description of Items	Qty.	Unit	Rate		Amount
				In Figures	In words	
6.00	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					
	Operating voltage - 140 V to 270 V, AC supply or better.					
	Input frequency - 50 Hz + 1 Hz					
	Power factor - Minimum 0.90					
	Luminaire efficacy - >80 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 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					
	Lumen output of the fitting					
6.01	LED Bulk Head >800Lumens.	10	each	1,160	Rupees One Thousand One Hundred Sixty Only	11,600

S.No.	Description of Items	Qty.	Unit	Rate		Amount
				In Figures	In words	
7.00	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 Heavy Duty type.					
7.01	Exhaust Fan, Heavy duty, 300 mm sweep (900/1400rpm)	6	each	3,571	Rupees Three Thousand Five Hundred SeventyOne Only	21,426
8.00	Providing and fixing of Iron shutter for all sizes exhaust fans in the existing opening, including installation at site etc. as required to the best satisfaction of Engineer-in-Charge.	6	each	594	Rupees Five Hundred NinetyFour Only	3,564
9.00	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.					
9.01	Single pole 6 Amp.	2	each	255	Rupees Two Hundred FiftyFive Only	510
					Total Amount : -	**₹ 60,206**

Junior Engineer
Electrical Sub-Division
HPPWD Reckong Peo
(Reckong-Peo Section)

Assistant Engineer
Electrical Sub-Division,
HPPWD Reckong Peo

Draft Schedule of Quantity approved for Rs. 60,206/- (Rupees Sixty Thousand Two Hundred Six only)

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

DRAFT SCHEDULE OF QUANTITY

Estimated Cost:- Rs.56,855/- only
Earnest Money:- Rs. 1300/- only
Time:- Three Months

Name of work:- Providing additional Computer Points & Inverter wiring for existing light poins in ADR Centre building at Reckong-Peo District Kinnaur (H.P.)

S.No.	Description of Items	Qty.	Unit	Rate		Amount
				In Figures	In words	
1.00	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.	1	Each	468	Rupees Four Hundred SixtyEight Only	468
2.00	Supplying & fixing suitable size GI box wih 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.	2	Each	730	Rupees Seven Hundred Thirty Only	1,460
3.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providng 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).	4	Each	676	Rupees Six Hundred SeventySix Only	2,704
4.00	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	15	Metre	334	Rupees Three Hundred ThirtyFour Only	5,010
5.00	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	10	Metre	544	Rupees Five Hundred FourtyFour Only	5,440
6.00	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.					
6.01	2 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire	30	Metre	272	Rupees Two Hundred SeventyTwo Only	8,160

S.No.	Description of Items	Qty.	Unit	Rate		Amount
				In Figures	In words	
7.00	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.					
7.01	2 x 1.5 sq. mm	2	Metre	70	Rupees Seventy Only	140
7.02	2 x 2.5 sq. mm	2	Metre	99	Rupees NinetyNine Only	198
8.00	S/E of LED Panel with PDC body and prismatic diffuser to be mounted in recess 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 below					
	Diffuser Prismatic multilayer diffuser UGR <19					
	Operating voltage 140 V to 270 V, AC supply or better.					
	Input frequency 50 Hz + 1 Hz					
	Power factor Minimum 0.90					
	Luminaries efficacy >120 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					

S.No.	Description of Items	Qty.	Unit	Rate		Amount
				In Figures	In words	
	Lumen output of the fitting 4320					
8.01	LED Panel 2x2 36 watt	3	Each	6,790	Rupees Six Thousand Seven Hundred Ninety Only	20,370
9.00	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.					
9.01	Single pole 6 Amp.	3	Each	255	Rupees Two Hundred FiftyFive Only	765
9.02	Single pole 10 Amp.	3	Each	255	Rupees Two Hundred FiftyFive Only	765
10.00	Supplying and fixing following rating, followings poles 10ka 240/415v 'C' curves miniature circuit braker suitable for inductive load of following poles in the exsisting MCB DB complete with connections, testing and commissioning etc. as required.					
10.01	40 A DP	4	Each	1,343	Rupees One Thousand Three Hundred FourtyThree Only	5,372
10.02	63 A DP	1	Each	1,493	Rupees One Thousand Four Hundred NinetyThree Only	1,493
11.00	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)					
11.01	6 way , Double door	2	Each	2,255	Rupees Two Thousand Two Hundred FiftyFive Only	4,510
					Total Amount : -	***56,855***

Junior Engineer
Electrical Sub-Division
HPPWD Reckong Peo
(Reckong-Peo Section)

Assistant Engineer
Electrical Sub-Division,
HPPWD Reckong Peo

Draft Schedule of Quantity approved for Rs. 56,855/- only (Rupees Fifty Six Thousand Eight Hundred Fifty Five only.)

Executive Engineer
Electrical Division No. II,
HP PWD (U.S. Club) Shimla-4

Draft Schedule Of Quantity

Estimated Cost:- 87,303/-
Earnest Money :- 1800/-
Time Limit:- Three month

Name of Work :- Providing and Replacement of Damaged SOP Cable and Damaged Fittings in HPPWD Rest House Tapri Distt. Kinnaur. (H.P.)						
S.No.	Description of Items	Qty.	Unit	Rate In Fig.	Rate in Words	Amount
1.00	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.					
1.01	Armoured cable 35 sq. mm (3.5 core)	50	Mtr	572	Rupees Five Hundred Seventy Two Only	28600
2.00	Installation of ventilatinmg /exhaust fan in the existing opening, including making good BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor the damage, connection, testing, commissioning etc. as required.Supply & Erection of Ventilating Fan) following size complete with motor., with minimum power consumption, rigid frame with rubber mounting for silent operation, in the existing opening including cost of making the hole to suit the size of above fan making good the damage, Carriage Charges connection,					
2.01	Exhaust Fan, 250 mm sweep	1	Each	2978	Rupees Two Thousand Nine Hundred Seventy Eight Only	2978
3.00	S/E of LED Downlighter Surface type square with polycarboante body and diffuser The fitting should be installed on existing surface The job includes carriage, erection, making connections testing and commissioning of the fittings.					
	Specification of LED fittings:					
	Wattage of LED fittings - **As per following parameter.**					
	Total lumens of the fittings - **as per wattage**					
	Diffuser - **Polycarbonate diffuser.**					
	Operating voltage - **140 V to 270 V, AC supply or better.**					
	Input frequency - **50 Hz + 1 Hz**					
	Power factor - **Minimum 0.90**					
	Luminaire efficacy - **>85 lm/w**					
	Color rendering index - **CRI shall be greater than 80**					
	Working/ operating temperature - **00 to + 450c or better**					
	Color temperature - **6000OK + 10%**					
	Electronic Driver					
	Drive current (LED) - **As per OEM.**					

	Operating voltage - 140 V to 270 V, AC supply or better.					
	Type of driver - Constant current output driver					
	THD - Less than 15%					
	Surge Protection - 2.5 KV minimum					
	Efficiency Driver - >85%					
	Protection - Shall have under voltage and over voltage protection.					
	Guarantee of LED fittings including LED driver - 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					
	Lumen output of the fitting					
3.01	LED Down Light >1275Lumens.	4	Each	1046	Rupees One Thousand FourtySix Only	4184
4.00	Supplying and fixing following rating, follwing pole, (single phase and neutral), 240/415 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.					
4.01	40 A DP	3	Each	2746	Rupees Two Thousand Seven Hundred FourtySix Only	8238
4.02	63 A DP	2	Each	2829	Rupees Two Thousand Eight Hundred Twenty Nine Only	5658
5.00	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.					
5.01	Single pole 6 Amp.	1	Each	255	Rupees Two Hundred FiftyFive Only	255
5.02	Single pole 16 Amp.	7	Each	255	Rupees Two Hundred FiftyFive Only	1785
6.00	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including counections etc. as required.					
6.01	S.P. 5/6 amps, one way Piano switch, ISI marked	1	Each	48	Rupees FourtyEight Only	48
7.00	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.					

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7.01	1 x 4 sq. mm					
7.02	1 x 1.5 sq. mm	70	Mtr.	211	Rupees Two Hundred Eleven Only	14770
7.03	2 x 16 sq. mm	50	Mtr.	43	Rupees FourtyThree Only	2150
8.00	Supplying and fixing of Bell Indicator per way complete with all accessories including making connections, testing & Commissioning etc. as required.	35	Mtr.	499	Rupees Four Hundred NinetyNine Only	17465
8.01	Bell Indicator per way	8	Each	130	Rupees One Hundred Thirty Only	1040
9.00	Providing and installation of following type of LED retrofit lamp 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.					
9.01	LED retrofit lamp 9W.	1	Each	132	Rupees One Hundred ThirtyTwo Only	132
					Total	87303

Condition:- Amount of Rs. 450/- shall be deducted by department for useful material.

Junior Engineer
Electrical Sub-Division
HPPWD Reckong Peo
(Bhabanagar Section)

Assistant Engineer
Electrical Sub-Division
HPPWD Reckong Peo

Draft Schedule of Quantity approved for
Rs 87,303/- (Rs Eighty Seven thousand three hundred three only)

Executive Engineer
Electrical Division No. II
HPPWD (U...)