

HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT

No.: PW/ESDD/CONT/2025-26/-

6753-62

Dated: 03-12-2025

To

The Executive Engineer (IT Cell),  
Nigam Vihar, Shimla-2.

Subject: Publishing of Tender Notice.

Jai Hind

Enclosed please find herewith the Tender Notice of works as given in the Notice Inviting Tender along with Schedule of Quantities for uploading on departmental website as per Notification Pr. SEC(PW) to the Govt. of HP letter No. PBW(B)A9(3)1/2020 dated Shimla-26<sup>th</sup> July 2021.

It is certified that the works mentioned in the Notice Inviting Tenders are urgent in nature and in public Interest.

DA/NIT,SQs

Executive Engineer  
Electrical Division  
HP PWD Palampur

Copy forwarded to the following for information and necessary action please:

1. The Superintending Engineer, 2<sup>nd</sup> Electrical Circle, HP PWD Dharamshala.
2. All the Assistant Engineers Working under this Division.
3. Drawing Branch of this office.
4. The Notice board in this office.

Executive Engineer  
Electrical Division  
HP PWD Palampur

**HIMACHAL PRADESH**  
**PUBLIC WORKS DEPARTMENT**  
**"Notice Inviting Tenders"**

Sealed percentage rate tenders on form 7&8 are hereby invited by the Executive Engineer, Electrical Division, HP PWD Palampur on behalf of the Governor of H.P. for the following work from the approved and eligible contractors enlisted in HP.PWD, (Elect.) whose registration stood renewed as per revised rules and also registered under the H.P. General Sales Tax Act, 1968 so as to reach in his office on or before 11-12-2025 up to 11.00 AM, and the same shall be opened on the same day at 11.30 A.M. in the presence of intending contractors or their authorized representatives. The tender documents can be had from his office against cash payment (Non-refundable) on 10-12-2025 up to 4.00 P.M. and the application for issue of tender form shall be received on 09-12-2025 up to 12.00 noon.

Sr. No	Name of Work	Estimated Cost	Earnest Money	Time Limit	Form No.	Cost of Form
1	Providing and fixing Split type 1.5 Ton Air Conditioner (Hot & Cold type) VIP Suits at PWD Rest House Banikhet in Tehsil Dalhousie District Chamba (H.P).	92,172/-	1900/-	Three months	7/8	350/-
2	Providing and fixing Split type 1.5 Ton Air Conditioner (Hot & Cold type) Drawing Room, at PWD Rest House Banikhet in Tehsil Dalhousie District Chamba (H.P).	92,172/-	1900/-	Three months	7/8	350/-
3.	Replacement of exting old and damaged campus lighting into new one SE Residence HPPWD at Dalhousie and Distt. Chamba(H.P).	90,796/-	1900/-	Three months	7/8	350/-
4	Rewiring of light points & old light plug, power point into new one VIP suits at Circuit house HP PWD Dalhousie IN Tehsil Dalhousie Distt. Chamba (H.P).	99,067/-	2000/-	Three months	7/8	350/-
5	Replacement of old & damaged Voltage Stabilizer, Tube Lights, Geyser, Exhaust Fan, Inverter into new Voltage Stabilizer, Tube Lights, Geyser, Exhaust Fan, Inverter at HPPWD Rest House Jawalamukhi & Khundian Distt. Kangra (H.P).	62,135/-	1300/-	Along with civil works	7/8	350/-
6	Providing and fixing air conditioning unit (inner unit), in the Senior Civil Judge (Ground Floor) Court at Dehra , Tehsil Dehra, Distt. Kangra (H.P).	50,199/-	1000/-	One month		
7	Repair & Maintenance of 120 Nos. New Girls Hostel Dr. RPGMC Kangra at Tanda for the year 2025-26.	95,841/-	1900/-	One year	7/8	350/-
8	Replacement of Safty Devices , MCCB and Damaged Fixtures in 1 <sup>st</sup> Year MBBS Girls Hostel of Dr. RPGMC at Tanda Distt. Kangra(H.P.)	98,713	2000/-	One month		

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This is certified that the above works are required to be carried out immediately being emergent nature of work in Public Interest. The Tender documents shall be issued only to those contractor/firm who fulfill the following criteria/documents with the application.

Conditions:

1. The contractor should have the EPF registration certificate should be attached with application.
2. The GST registration certificate.
3. The contractor should produce a copy of latest enlistment/renewal.
4. The latest ITR filed should be attached with application.
5. The bidders enlisted in a particular class shall be eligible to tender for his own class or one step below.
6. The bidder should attach authorization and work done certificate with application for Specialized Jobs.
7. In case of Holiday on the day of opening of tenders, the same will be opened on the next working day on the same time and venue.
8. Ambiguous/telephonic/conditional tenders or tenders fax/email/whatsapp shall not be considered and will be summarily be rejected.
9. The FDR duly pledged should be attached separately with each tender.
10. Only two number tender forms will be issued to the eligible contractor.
11. Conditional/ incomplete tenders & tender without earnest money will be summarily rejected.
12. The Executive Engineer, Electrical Division, HP PWD Palampur reserves the right to reject any tender without assigning any reasons.

  
**Executive Engineer**  
**Electrical Division**  
**HP PWD Palampur**  
On behalf of Governor of Himachal Pradesh

### SCHEDULE OF QUANTITY

SR. NO.	DESCRIPTION	ESTIMATED COST:-92,172/-only.		TIME ALLOWED:- Three Months
		job No	RATES	
WORDS	UNIT	AMOUNT		
1. 0	Supplying, installation, testing and commissioning of 1.5 Ton (Hot & Cold) Inverter Split type Air-Conditioning unit of following make confirming to I.S.I.-1391 PART-1992 with amendment No. 1 (expect power consumption norms) fitted with hermatically shielded air-compressor as required complete in all respects.			
i)	A.C. Unit 1.5 Ton capacity	1	69770	Rupee seventy one thousand two hundred forty three only
	Make: LLOYD ( Hot &Cold) Inverter Split type (Model No. : GLS18H3FWRHP)			
2. 0	S/F wall mounting voltage stabilizer 4 KVA (Whirlpool make) automatic type with output 240 Volts with voltage regulator range from 130 volts to 280 volts and Auto cut off beyond this range and time delay operation for the surges and fluctuations suitable for 1.5 TR capacity Split AC making connections etc. as required.	1	5889	Rupee five thousand eight hundred eighty nine only
i)	Make: Microtek (CAT No.EM Digital 12 Amp. 4130+ 130 to 300 Volt)/Volta/N-Guard.			
3. 0	P/F of M.S out door heavy duty stand powder coated suitable to hang 1.5/2 TR split A.C with six Nos. Anchor bolts as required complete in all respects and as per direction of Engineer - in- charge.	1	1200	Rupee one thousand two hundred only
4. 0	S/F of Copper tube (1/4" x 1/2") with insulation for A.C 1.5 TR capacity complete in all respects as required.	3	1100	Rupee one thousand one hundred only
5. 0	S/F of PVC Drain pipe of size 1 Dia (25mm) complete with elbows tees,socket etc. of superior quality as per satisfaction of Engineer- in-Charge.	3	250	Rupee two hundred fifty only
				P/Mtr.
				750.00

6.0	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of IRRIS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. Make: NT/Plaza/Anchor.			
7.0	2 X 4 sq. mm + 1 X 6 sq. mm earth wire	23	395 Rupee three hundred ninety five only	P/Mtr. 9085
	Supplying & fixing suitable size G.I. box with modular plate and cover in front on surface or in recess /c providing and fixing 25 amp modular socket outlet and 25 Amps modular SP MCB, "C" curve including connection, painting, etc. as required. Make: Anchor (Roma Plus)/Schneider (Livala)/ Legrand (Myrius)/LSI(Entice).	✓	705.00 Rupee seven hundred five only	each 705
	Total:			92172

*Draft Schedule of Quantity Checked & Approved for  
P8 Quarter 1  
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Executive  
Engineer  
Electrical Division  
HPPWD Palampur

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## SCHEDULE OF QUANTITY

SR. NO.	DESCRIPTION	ESTIMATED COST:-92,172/-only. EARNEST MONEY: Rs.1900/-only TIME ALLOWED:- Three Months				
		job No	RATES	WORDS	UNIT	AMOUNT
1. 0	Supplying, installation, testing and commissioning of 1.5 Ton (Hot & Cold) Invertor Split type Air-Conditioning unit of following make confirming to I.S.I.-1391 PART-1992 with ammdement No. 1 (expect power consumption norms) fitted with hermatically shielded air-compressor as required complete in all respects.					
i)	A.C. Unit 1.5 Ton capacity	1	69770	Rupee sevnty one thousand two hundred forty three only	Each	69770
	Make: LLOYD ( Hot &Cold) Invertor Split type (Model No. : GLS18H3FWRHP)					
2. 0	S/F wall mounting voltage stabilizer 4 kVA (Whirlpool make) automatic type with output 240 Volts with voltage regulator range from 130 volts to 280 volts and Auto cut off beyond this range and time delay operation for the surges and fluctuations suitable for 1.5 TR capacity Split AC making connections etc. as required.	1	5889	Rupee five thousand eight hundred eighty nine only	Each	5889
i)	Make: Microtek (CAT No.EM Digital 12 Amp. 4130+ 130 to 300 Volt)/ Voltas/V-Guard.					
3. 0	P/F of M.S out door heavy duty stand powder coated suitable to hang 1.5/2 TR split A.C with six Nos. Anchor bolts as required complete in all respects and as per direction of Engineer - in-charge.	1	1200	Rupee one thousand two hundred only	Each	1200
4. 0	S/F of Copper tube (1/4" x 1/2") with insulation for A.C 1.5 TR capacity complete in all respects as required.	3	1100	Rupee one thousand one hundred only	p/Mtr.	3300
5. 0	S/F of PVC Drain pipe of size 1 Dia (25mm) complete with elbows tees,socket etc. of superior quality as per satisfaction of Engineer- In-Charge.	3	250	Rupee two hundred fifty only	P/Mtr.	750.00

6.0	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. Make: KEI/Plaza/Anchor.				
i)	2 X 4 sq. mm + 1 X 6 sq. mm earth wire	23	395	Rupee three hundred ninety five only	P/Mtr. 9085
7.0	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess i/c providing and fixing 25 amp modular socket outlet and 25 Amps modular SP MCB, "C" curve including connection, painting etc. as required. Make: Anchor (Roma Plus)/Schneider (Livia)/ Legrand (Myrius)/L&T(Entice).	1	705.00	Rupee seven hundred five only	each 705
	Total:				92172

*Draft Schedule of Monthly charged & Approved  
for B Quarterly*

Executive  
Engineer  
Electrical Division  
HPPWD Palampur

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## SCHEDULE OF QUANTITY

SR. NO.	DESCRIPTION	ESTIMATED COST:-90,796/-only. EARNEST MONEY: Rs.1900/-only TIME ALLOWED:- Three Months				
		Job No	RATES	WORDS	UNIT	AMOUNT
1	Supplying and erection of Steel Poles- are made of Galvanised Mild Steel tubes having 114mm dia at bottom and 60mm dia at Top with cast alum. Embellishments-Q2. The Poles are primer coated and painted with Polyurethane paint. Poles are suitable for Single/Double/Triple/Four Side Post Top / Drop Down Luminaires. The Poles has a service window at the bottom comprising four way 25Amp connector terminal and a MCB. Poles has a mild steel base plate having four numbers mounting holes and can be mounted with four numbers anchor bolts complete in all respects as required					
(a)LuxMax-Steel Poles-114-N-Q2-300-3mtr.		5	6562.00	Rupee six thousand five hundred sixty two only	Each	32810
2	Supplying and fixing of Luxmax Precent LED Post Top fixture are made of spun alum. Top and cast alum base provided with UV stabilized P.C diffuser. Power LED's mounted on metal clad PCB's then mounted on extruded/cast aluminium Heat sink as complete in all respects as required.	3	15812.00	Rupee fifteen thousand eight hundred twelve only	Each	47436
3	Cat No LuxMAX OYSTER Small Cat no. Luxmax-PT-154-S Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required					
PVC insulated HRFR L.S Copper conductor 1.5 Sq mm						
3x1.5 Sq mm.		10	100	Rupee one hundred only	Meter	1000
4	Providing and laying of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured/XLPE power cable, working voltage 1100 volts grade direct in ground, to be laid 1 meter below the ground level including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering.					

Armoured cable 6 sq. mm (twin core)	20	248	Rupee two hundred forty eight only	R.Mtr.	4960
Supplying and fixing LED retrofit lamp suitable for E-27 holder base fittings with polycarbonate diffuser and aluminium heat sink as required complete in all respects.	5				
30Watt LED, E-27		3	Rupee eight hundred fifty only	Each	2550
Makes:- Led (Cat.No.830447-30W / E27) /Panasonic/ Bajaj or its equivalent make.					
Supplying and laying 8 SWG G.I. wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required.	40	51	Rupee fifty one only	R.Mtr.	2040
Less the credit for dismantled material:-1200/-					
Total:-					90,796/-

*Draft Schedule of Quantity Checked & Approved for P.R*

*90,796/- only*

*Executive Engineer  
Electrical Division  
HPPWD Palampur*

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## SCHEDULE OF QUANTITY

SR. NO.	DESCRIPTION	ESTIMATED COST:-99,067/-only.			TIME ALLOWED:- Three Months
		job No	RATES	WORDS	
1	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 Make:- KEL/Finolex/Anchor				
i	Group C.	52	766.00	Rupee seven hundred sixty six only	Mtr. 39832
2	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 5 pin 5/6 amps modular socket outlet and 5/6 amps, modular switch, connections etc. as required Make:- Legrand (Myrius)/ Schneider(Livia)/Anchor Roma (Classic)	20	469	Rupee four hundred sixty nine only	Each 9380
i	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required Make:- Legrand (Myrius)/ Schneider(Livia)/Anchor Roma (Classic)	12	621	Rupee six hundred twenty one only	each 7452
3	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required Make: KEL/Plaza/Anchor				
	PVC insulated HRFR LS Copper conductor 1.5 Sq. mm.	20	340.00	Rupee three hundred forty only	Mtr. 6800
	3/8 Sq. mm.				

3x10 Sq. mm.	40	538.00	Rupee five hundred thirty eight only	Mtr.	21520.00
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:- <b>Make:-Usha /Record/Bajaj</b>	4				
35 Liter capacity water heater (Cat-A)	1	14083.00	Rupee forteen thousand eighty three only	Each	14083
<b>Total:-</b>					<b>99,067</b>

Draft Schedule of *Plants* checked & Approved for  
 Rs 99,067 only  
*By*  
 Executive Engineer  
 Electrical Division  
 HPPWD Palampur  
*By*

## SCHEDULE OF QUANTITY

SR. NO.	DESCRIPTION	job No	RATES	WORDS	UNIT	AMOUNT
1	Supplying and fixing wall mounting voltage stabilizer of following rating with output 240 volts with voltage regulation range from 130volt to 260volts and auto cut off beyond this range and time delay operation for the surges and fluctuations suitable for 1.5/2 TR capacity split type Air-Conditioner including making connections etc. as required complete in all respects. Makes: Godrej, Whirlpool, Microtek.					
i	Automatic Voltage Stabilizer 4KVA	2	6500	Rupee six thousand five hundred only	Each	13000
2	Providing and Fixing of IP20 LED Surface mounted CRCA Powder Coated Box Type Channel with Pro LED Lamp Suitable for mounting 1X18 W LED Tube T8 type having minimum system efficacy of 100 lm/W, P.F >0.95 with THD<10%, CCT 6500 K, CRI 80, Surge Protection 2 KV. The LED with Useful life of 50000 Hrs at L70 . The input voltage range shall be 150V to 270V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc as required complete in all respects.					
i	LED fixture 1x18 Watt Surface Mounted 4 Feet Ultra Bright LED Tubelight					
Makes: Havells, Bajaj & wipro.		3	867	Rupee eight hundred sixty seven only	Each	2601
3	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, making good the damages, electrical connections, testing etc. complete as required.					0
Makes: Usha, Crompton.						

NAME OF WORK:- Replacement of old & damaged Voltage Stabilizer, Tube Lights, Geyser, Exhaust Fan, Inverter into new Voltage Stabilizer, Tube Lights, Geyser, Exhaust Fan, Inverter at HPPWD Rest House Jawalamukhi & Khundian Distt. Kangra (HP).

ESTIMATED COST:-62,135/-only.  
EARNEST MONEY: Rs.1300/-only  
TIME ALLOWED:- Along With Civil Work

i	25 Liter capacity water heater (Cat-A)	1	12806	Rupee twelve thousand eight hundred six only	Each	12806.00
4	Providing and installation 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					
i	Exhaust Fan, Light duty. (Domestic) 300 mm sweep	1	2267	Rupee two thousand two hundred sixty seven only	Each	2267
ii	<b>Make:Usha(AEROCLEAN PLUS DBB ),Bajaj,Anchor or as approved by Engineer in-charge</b>					
5	Supplying,Erection,Testing & commissioning of Pure sine wave inverter having following capacity suitable for back up of power supply as required complete in all respects and to the best satisfaction of Engineer in charge					
i	Inverter Eco Volt Neo 2300(2kva/24V)					
Makes: Luminous/Microtek/Delta Power/V-guard.						
6	Supplying and fixing of Superior quality Bell Indicator including connections etc as required	24	14751.00	Rupee fourteen thousand seven hundred ninety only	each	14751
i	<b>Makes: Goldmedal, Anchor.</b>					
7	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.					
Makes: Polyplast,Diplast, BEC, Polyplast						
PVC Conduit 25mm dia	50	99	Rupee ninety nine only	P/Mtr	4950	4950
Less Credit of useful Dismental Material(2500)						
Total:-						62,135/-

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Schedule of Quantity Checked & Approved for Rs

62,135/- only

Executive Engineer  
Electrical Division  
HP PWD Dholpur

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SCHEDULE OF QUANTITY			ESTIMATED COST:-50,199/-only. EARNEST MONEY: Rs.1000/-only TIME ALLOWED:- One Month			
SR. NO.	DESCRIPTION	job No	RATES	WORDS	UNIT	AMOUNT
1	Providing,Installation,testing and commissioning of indoor unit of 1.5 ton air conditioning unit as required complete in all respects.	1	17500	Rupee seventeen thousand five hundred only	P/Job	17500
2	Makes:-Volta,daikin,LG.  S/F of Drain pipe of size 1" Dia (25mm) complete with elbows, socket etc. of superior quality as per satisfaction of Engineer-In-Charge.	15	195	Rupee one hundred ninety five only	P/ mtr	2925
3	Providing and fixing of LED 40 Watt Post top (IP65) fixture of following capacity are made of Die cast Alum. housing with three nos. die cast Al arms are provided to support the housing power LED's are mounted on metal clad PCB's and LED's & PCB assembly are mounted extruded aluminium heat sinks. A UV stabilized PC diffuser is provided as complete in all respects as required.					
3.01	LED 20/25 Watt	2	5982	Rupee five thousand nine hundred eighty two only	Each	11964
3.02	LED 40 Watt Post top	2	8905	Rupee eight thousand nine hundred five only	Each	17810
	Make:- Havells,Bajaj,Wipro.					
	Less Credit Of useful Dismental Material(-420)					
	Total:-					50199

*Draft Schedule of Monthly Cheked & Approved by*

*12/5/1991 only*

*Executive Engineer  
Electrical Division  
HPPWD Palampur*

## SCHEDULE OF QUANTITY

SR. NO.	DESCRIPTION	ESTIMATED COST:-95,841/-only. EARNEST MONEY: Rs.1900/-only TIME ALLOWED:- One Year			AMOUNT
		job No	RATES	WORDS	
1	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.				
1.1	2x4sq. mm	32	311.00	Rupe three hundred eleven only	Per Meter 9952
	<b>Make:-Finolex/Anchor/Plaza</b>				
2	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
2.1	3x1.5 Sq. mm	30	100.00	Rupe one hundred only	Per Meter 3000
	<b>Make:-Finolex/Anchor/Plaza</b>				
3	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
3.1	5/10 Amps. Modular switch	35	93.00	Rupe ninety three only	Each 3255.00
3.2	15/16 Amps. Modular switch	25	164.00	Rupe one hundred sixty four only	Each 4100
3.3	5/6 amp modular socket outlet	35	136.00	Rupe one hundred thirty six only	Each 4760
3.4	15/16 amp modular socket outlet	25	231.00	Rupe two hundred thirty one only	Each 575
	<b>Makes:- Anchor-Roma/L&amp;T/Schneider</b>				

4	Providing and installation 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.					
4.1	Exhaust Fan, Light duty, (Domestic)	3	2567.00	Rupee two thousand five hundred sixty seven only	Each	7701
	<b>Makes:- Usha/Havells/Bajaj</b>					
5	Providing and fixing decorative LED mirror light having high quality design suitable for LED tube up to 10Watt (1000 lumen) 6500K and it should be compatible with specifications i.e power factor $\geq 0.9$ , harmonic distortion $\leq 10\%$ and efficacy $\geq 100$ lumens per watt. CRI $> 80$ , suitable for input voltage AC 220-240V, 50/60 Hz, complete with all accessories, connections, testing and commissioning etc. as required.					
5.1	10 Watt LED Mirror Light, 2 ft.	8	426.00	Rupee four hundred twenty six only	Each	3408
	<b>Makes: Havells/Bajaj/Osram</b>					
6	Supplying and fixing LED retrofit lamp suitable for B-22 holder base fittings with polycarbonate diffuser and aluminium heat sink as required complete in all respects.					
6.1	9 Watt LED Lamp	30	157.00	Rupee one hundred fifty seven only	Each	4710
	<b>Makes: Havells/Panasonic/Osram</b>					
7	Providing and fixing of LED batten having minimum efficacy of 100 lm/W, P.F. $> 0.95$ with THD $< 10\%$ , CCT 6500 K, CRI 80, Surge Protection range 2 kV. The LED with useful life of 50000 Hrs. at L70 with five years warranty. The Input voltage shall be 150V to 270V, 50/60 HZ along with all accessories, including connections, testing etc. as required complete in all respects.					

7.1	LED Batten 20 Watt	30	606.00	Rupee six hundred six only	Each	18180
<b>Makes:</b>	<b>Havells/ Panasonic/Wipro</b>					
8	Providing & fixing of Geyser element 25 Ltr. Water heater etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	10	3,100.00	Rupee three thousand one hundred only	Each	31000
<b>Total:-</b>						<b>95841</b>

*Draft Schedule of Quantity checked & Approved for Rs 95841  
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Executive Engineer  
Electrical Division  
HPPWD Palampur

**SCHEDULE OF QUANTITY**

**NAME OF WORK :-** Replacement of Safety Devices , MCCB and Damaged Fixtures in 1st Year MBBS Girls Hostel of Dr. RPGMC at Tanda Distt. Kangra(H.P.)

ESTIMATED COST:-98,713/-only.  
EARNEST MONEY: Rs.2000/-only  
TIME ALLOWED:- One month

SR. NO.	DESCRIPTION	job No	RATES	WORDS	UNIT	AMOUNT
1	Supplying and fixing 6 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. <b>Make:- Legrand, Schiender, L&amp;T</b>					
1.1	Single pole	7.00	239.00	Rupee two hundred thirty nine only	Each	1673
2	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. <b>Make:- Legrand, Schiender, L&amp;T</b>					
2.1	40 A	3.00	426.00	Rupee four hundred twenty six only	Each	1278
	63 A	2.00	530.00	Rupee five hundred thirty only	Each	1060
3	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required. <b>Make:- Legrand, Schiender, L&amp;T</b>					

3.1	40A	1.00	2272.00	Rupee two thousand two hundred seventy two only	Each	2272
3.2	63A	1.00	3104.00	Rupee three thousand one hundred four only	Each	3104.00
4	Providing and fixing following rating and breaking capacity MCCS with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel making connections, etc as required.					
4.1	MCCS 100-125 Amp	3.00	6868.00	Rupee six thousand eight hundred sixty eight only	Each	20604
5	Providing and Fixing of LED fixture 600mmX600mm 36 Watt +1W Recess mounted fixture with HET Plastic diffuser with minimum system lumen efficacy of 100 lm/W with CRCA housing having PF >0.95 with THD<10%, CRI 80. The LED with useful life of 5000 Hrs at L70. The LEDs used in the luminaire shall have CCT of 5700 K with CRI of minimum 80. The input voltage range shall be 150V to 270V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc as required complete in all respects.					
5.1	LED Panel 2'x2' 36 watt Makes:- Panasonic	6	3397.00	Rupee three thousand three hundred ninety seven only	Nos.	20382
	Makes -Panasonic,Bajaj,Wipro,Philips,Jaguar					

6	Providing and fixing of LED fixture 300mm x 300mm 24Watt +/- 1W Surface mounted having minimum system lumen efficacy of 100lm/W with with CRCA housing and PMMA diffuser with P.F. >0.95, THD<10%, CCT 5700K, CRI 80. The LED shall be tested with LM80-08 standard with useful life of 50000 hrs. at L70. The input voltage range shall be 150V as required complete with connections, testing etc.				
6.1	24 Watt LED 1'x1' Surface panel	8	2257	Rupee two thousand two hundred fifty seven only	Each 18056
7	<b>Makes: Wipro/Havells/Panasonic</b> Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed Heavy class PVC conduit as required.				
	<b>Make:- KEL/Polycab / L&amp;T</b>				
7.1	2 X 4.0 sq. mm + 1 X 4.0 sq. mm earth wire	20.00	311.00	Rupee three hundred eleven only	PI/Mtr 6220
7.2	2 X 6.0 sq. mm + 1 X 6.0 sq. mm earth wire	17.00	432.00	Rupee four hundred thirty two only	PI/Mtr 7344
7.3	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	16.00	1045.00	Rupee one thousand forty five only	PI/Mtr 16720
	<b>Less credit for dismented material(-)2000</b>				
	<b>Total:</b>				<b>98713</b>

*Draft Schedule of Quantity Checked & Approved for Rs 98713/-*

Executive Engineer  
Electrical Division  
HPPWD Palampur

*[Signature]*

98713