

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No.: PW/ESDD/CONT/2025-26/- 4139-48

Dated: 6-09-2025

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-26th 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, 2nd 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
"Notico 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 **19-09-2025** 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 **18-09-2025** up to 4.00 P.M. and the application for issue of tender form shall be received on **17-09-2025** up to 12.00 noon.

Sr. No	Name of Work	Estimated Cost	Earnest Money	Time Limit	Form No.	Cost of Form
1	Repair and maintenance of E.I to various Govt. Residential building at ESD Dharamshala Distt. Kangra .(SH:- Providing and fixing old and damages RCCB'S , DP Isolator , MCB,S REPLACEMENT OF led Tubes , down lighters and wires ,led post top , street light of PWD Colony Darnoo and Chilgiri.	91112/-	1800/-	Three Months	7/8	350/-
2	Replacement of old unrepairable Post top, Flood lights, and providing M.S rack for inverter and batteries in residence of Chief Engineer North Zone Kangra at Dharamshala (Providing E.I and repair work therein)	76859/-	1500/-	Three Months	7/8	350/-
3	Providing Main SOP Cable, Supplying and laying Armoured cable to college stage and replacement of burnt safety devices in the campus of Govt. Degree College at Dhaliara,Tehsil Dehra, Distt. Kangra (H.P.)	98,544/-	2000/-	Three Months	7/8	350/-
4	Construction /Establishment of 50 Bedded Critical Care Block and DIPHL at Civil Hospital Dehra, Tehsil Dehra Distt. Kangra (HP). (SH:- Providing and installation of 2 (two) Nos. Printers for HPPWD Electrical Division Palampur.	37642	800/-	Three months	7/8	350/-
5	Repair and Maintenance of Electrical wiring in the Administration-Cum-Commerce Block (First Floor) at Govt. college Dhaliara in Tehsil Dehra,Distt. Kangra (H.P.)(SH:-Providing and fixing of Ceiling fans therein)	99,695/-	2000/-	Three Months	7/8	350/-
6	Providing gate light ,ceiling fans , tube lights for AE Residence converted to SE office (B&R)at Dehra).	59,900/-	1200/-	Six Months	7/8	350/-
7	Construction of Govt. Degree College Building at Sihunta in Tehsil Bhattiya Distt. Chamba(H.P.)(SH:-Providing E.I therein).(SH:- Conduit Pipe in basement floor therein).	86,860/-	1700/-	One month	7/8	350/-
8	Providing installation , testing and commissioning 1.5 Ton A.C in VIP Room , Rest House Thural Tehsil therein.).	78694/-	1600/-	One month	7/8	350/-
9	Providing and fixing of Portable Fire Extinguishers to Robotic OT area 2 nd Floor Maternity Block and Anesthesia ICU area of Casualty Block 500 Bedded Hospital at Dr. RPGMC Kangra at Tanda.	89,474/-	1800/-	One Month	7/8	350/-

10	Repair , servicing & comprehensive maintenance of window type Air Conditioning units installed in the Paraclinic Block of Dr. RPGMC Kangra at Tanda for the year 2024-2025).	98900/-	2000/-	one year	7/8	350/-
11	R/M OF E.I in Govt. Residential building Dr. RPGMC Kangra at Tanda (SH:-Replacement of damaged wiring and accessories in room no. 113, Vivekanand hostel therein.	46,676/-	900/-	One Month	7/8	350/-
12	C/O Shaheed Surinder Singh Govt. I.T.I building (Block-B) at Jawali Distt. Kangra (H.P)(Sh:- Providing E.I therein)(SH:-Supplying and laying conduit pipe in ground floor therein).	99,392/-	2000/-	Three Month	7/8	350/-
13	Replacement of 10KVA UPS Batteries installed in Auditorium building for emergency back up of Audio Visul system , Dr. RPGMC Kangra at Tanda.	81,536/-	1600/-	One Month	7/8	350/-
14	Providing and fixing water storage Gyser in guest house of eye mobile unit Zonal Hospital Dharamshala.	60,909/-	1200/-	Three Month	7/8	350/-
15	Providing and fixing 235Ava inverter in S.E quality control residence Chilgari.	64,795/-	1300/-	Three Month	7/8	350/-
16	Dismantling & Re-installation of Split Type Air Conditioning units, Ceiling Fans, Exhaust Fans, Tube Lights and Other Electrical items from HPPWD Rest House Dehra at various Non Residential Buildings under ESD Dehra in Tehsil Dehra Distt. Kangra (HP).	75,560/-	1500/-	One Month	7/8	350/-
17	Providing wiring, Power point, Computer point to emergency reception room, security room, security room area near emergency gate No. 1 of 500 bedded Hospital at Dr. RPGMC Kangra at Tanda.	67,209/-	1300/-	One Year	7/8	350/-

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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.

My
Executive Engineer
Electrical Division
HP PWD Palampur

On behalf of Governor of Himachal Pradesh

SCHEDULE OF QUANTITY

NAME OF WORK :- Repair and Maintenance of E.I. to various Govt. -Residential Buildings at ESD Dharamshala Distt. Kangra. (SH:-Providing and fixing old and damaged RCCB's, DP Isolator, MCB's replacement of LED tubes ,Down lighters and wires,led post top, street light of PWD colony Darmoo and Chilgiri.

ESTIMATED COST:-9112/-only.
EARNEST MONEY: Rs.1800/-only
TIME ALLOWED: Three Months

SR. NO.	DESCRIPTION	job No	WORDS	UNIT	AMOUNT
		RATES			
1.00	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.HRFR/LS/PVC insulated single core copper conductor cable of same size for earthing as required.	35	Rupee two hundred eighty two only	Metre	9870
1.01	2x1.5 Sq. mm.	2	Rupee three hundred ninety five only	Metre	790
1.02	2x4.0 Sq. mm.	45	Rupee one hundred only	Metre	4500
2.00	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. Make: KEI/Plaza/Anchor.	100			
2.01	3 X 1.5 sq. mm	3			
3.00	Supplying and fixing following rating Modular switch /socket in the existing switch box / cover plate including connections etc. as required.	115	Rupee one hundred fifteen only	Nos	345
3.01	S.P. 5/6 Amps one way Modular switch.	2	Rupee one hundred fifty nine only	Nos	318
3.02	S.P. 5/6 Amps two way Modular socket.				

4.00	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.	7	469	Rupee four hundred sixty nine only	No	3283
5.00	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.	3	621	Rupee six hundred twenty one only	No	1863
6	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.-					
6.01	3 Liter capacity water heater (Cat-A)	1	5570	Rupee five thousand five hundred seventy only	No	5570
6.02	10 Liter capacity water heater (Cat-A)	1	9145	Rupee nine thousand one hundred forty five only	Nos	9145
8	Providing and fixing of following sizes of PVC casing and capping on surface as required.-					
8.01	20 mm x 12 mm	3	74	Rupee seventy four only	Meter	222
8.02	25 mm x 15 mm	30	87	Rupee eighty seven only	Meter	2610
9.00	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required					

9.01	40 Amps. (Make:- Schneider/ Legrand/L&T)	3	426	Rupee four hundred twenty six only	No	1278
9.02	63 Amps. (Make:- Schneider/ Legrand/L&T)	2	530	Rupee one thousand four hundred twenty five only	No	1060
10.00	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.					
10.01	40 Amps. (Make:- Schneider/ Legrand/L&T)	1	2272	Rupee two thousand two hundred seventy two only	Nos	2272
10.02	63 Amps. (Make:- Schneider/ Legrand/L&T)	2	3104	Rupee three thousand one hundred four only	Nos	6208
11.00	Supplying and fixing batten/ angle holder including connection etc. as required.	3	95	Rupee ninety five only	Nos	285
12.00	Providing and fixing of IP65 Bulkhead led fixture 10 W +/- 1 W Wall Mounted with minimum system lumen efficacy of 100 lm/W with Pressure Die Cast Aluminum housing. Polycarbonate Opal Diffuser and P.F.>0.95 with THD<10% ,CRI 80. The LED shall be tested with LM80-08 standard with Useful life of 50000 Hrs at L70 . The LEDs used in the luminaire shall have CCT of ANSI Bin 5700 K only with CRI of minimum 80. The Input voltage range shall be 140V to 280V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc.as required complete in all respects.	1	1420	Rupee one thousand four hundred twenty only	No	1420
12.0	Supplying and fixing LED Bulb of 9 watt with polycarbonate diffuser on the existing light point as required complete in all respect.					

12.01	9watt led bulb	4	132	Rupee one hundred thirty two only	nos	528
12.02	12 watt led bulb	3	187	Rupee one hundred eighty seven only	nos	561
12.03	18 watt led bulb	1	353	Rupee three hundred fifty three only	nos	353
13.00	Providing and fixing street light luminaire comprises of die cast Alminium housing with frame and heat resistant Toughened glass, pipe mounting .system efficiency > 110,120lm/W ,IP Rating IP-66 CCT 5700 K ANSI,CRI > 70 , THD< 10%, PF > 0.90 , Surge Protection 4 kV, operating temprature 0 to 5 degree C complete with all accessories, including connections, testing and commissioning etc. as required complete in all respects.					
13.01	LED Street Light 60 watt	1	5313	Rupee five thousand three hundred thirteen only	Nos	5313
14.00	Providing and fixing LED Mirror Light of IP20 Led fixture 10 W+- 1W with Surface Mounted 2 Feet with Polycarbonate diffuser with Extruded aluminium housing having minimum system lumen output 1000 lumens and system lumen efficacy of >110 lm/W with P.F.>0.95 with THD<20% ,CRI 80 .The LED with Useful life of 50000 Hrs at L70 with five years warranty. The LEDs used in the luminaire shall have CCT of ANSI Bin 6500 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.					
14.01	LED Mirror Light 10 watt Makes:- Philips /Wipro/Goldmedal	3	679	Rupee six hundred seventy nine only	No	2037

15.00	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:-40 mm dia G.I. pipe, heavy class	1	1135	Rupee three hundred fourty four only	No	1135
16.00	Providing and fixing LED tube fixture 20 watt suitable for surface application with the use of the latest technology 20 watt (2000 Lumen) 6000K and it should be compatible with specification i.e. Power Factor ≥ 0.9 , Harmonic Distortion $\leq 10\%$ and efficacy ≥ 100 Lumens per watt, CRI rating > 80 suitable for input voltage: AC 220-240 V, 50 Hz, complete with all accessories, connections, testing and commissioning etc. as required. Makes: Havells/ Bajaj/ Philips/ Wipro.	12	546	Rupee five hundred fourty six only	Nos	6552
	LED TUBE 20 WATT 4 FEET	1	1602	Rupee one thousand six	Nos	1602
17.00	Supplying and fixing of LED Post Top fixture, 35 watt, Pure polyester UV resistant powder coated die cast aluminium housing with PMMA clear diffuser for uniform illumination complete with all accessories, including connections, testing and commissioning etc. as required complete in all respects.	1	7586	Rupee seven thousand five hundred eightysix	No	7586
17.01	35 watt LED Post Top fixture.	1	7586	Rupee seven thousand five hundred eightysix	No	7586
18.00	Providing, Installation, testing and commissioning of ceiling fan (3 star rating), including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required:	2	3580	Rupee three thousand five hundred eighty only	No	7160
19.00	Ceiling Fan 1200 mm sweep (Make: Usha/ Bajaj / Havells/ Crompton.					

20	Supplying and fixing of fancy wall bracket light containing 1 nos thread type lamp holder complete with glass shade and other accessories but excluding LED Lamp including making connections testing etc as required:-	1	2763	Rupee two thousand seven hundred sixty three only	Nos	2763
	Wall Bracket wipro					
21.00	Supplying and fixing of Bed side wall bracket of all sizes and shapes, complete with all accessories, suitable for LED lamp 9 watt making connections, testing etc as required complete in all respects.	2	958	Rupee nine hundred fifty eight only	Nos	1916
21.01	Makes:- Decon (gls-60w/led-9w)					
22.00	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:	1	2567	Rupee two thousand five hundred sixty seven only	Nos	2567
22.01	Exhaust Fan, Light duty, (Domestic)					
	300 mm sweep					
	Total:-					

Schedule of Quantity checked & Approved for Rs 91112/-

Executive Engineer
Electrical Division
HPPWD Palampur

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SCHEDULE OF QUANTITY

NAME OF WORK :- Replacement of old unrepairable Post top, Flood lights, and providing M.S rack for inverter and batteries in residence of Chief Engineer North Zone Kangra at Dharamshala (Providing E.I and repair work therein)

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ESTIMATED COST:-76859/-only.
EARNEST MONEY: Rs.1500/-only
TIME ALLOWED: Three Month

SR. NO.	DESCRIPTION	job No	RATES	UNIT	AMOUNT
			WORDS		
1.00	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 pvc conduit along with 1 No.HRFRRLS/PVC insulated single core copper conductor cable of same size for earthing as required.				
1.01	7x1.5 Sq. mm.	25	Rupee one hundred ninety eight only	Metre	4950
1.02	2x4.0 Sq. mm.	15	Rupee three hundred eleven only	Metre	4665
2.00	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	4	Rupee four hundred sixty nine only	No	1876
3.00	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.	3	Rupee six hundred twenty one only	No	1863

4.00	Providing and fixing of IP65 Bulkhead led fixture 10 W +/- 1 W Wall Mounted with minimum system lumen efficacy of 100 lm/W with Pressure Die Cast Aluminum housing, Polycarbonate Opal Diffuser and P.F.>0.95 with THD<10% ,CRI 80. The LED shall be tested with LM80-08 standard with Useful life of 50000 Hrs at L70 . The LEDs used in the luminaire shall have CCT of ANSI Bin 5700 K only with CRI of minimum 80. The Input voltage range shall be 140V to 280V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc. as required complete in all respects.	3	1420	Rupee one thousand four hundred twenty only	No	4260
5.00	Providing and fixing LED Floodlight of following rating with pressure die-cast aluminium housing with high power LEDs, diffusser to avoid glaire, pre-wired with starter, IP 66, trigger circuit, surge protection circuit lumen , complete with all accessories, including connections, testing and commissioning etc. as required complete in all respects.	1	12806	Rupee twelve thousand eight hundred six only	Nos	12806
6.00	Supplying and fixing of LED Post Top fixture, 35 watt, Pure polyester UV resistant powder coated die cast aluminium housing with PMMA clear diffuser for uniform illumination complete with all accessories, including connections, testing and commissioning etc. as required complete in all respects.	4	7586	Rupee seven thousand five hundred eighty six only	No	30344
6.01	35 watt LED Post Top fixture.					
7.00	Providing, laying and fixing of one No. aluminium conductor, PVC insulated and PVC unsheathed cable aluminium conductor, working voltage 1100 volts grade on surface etc. of the required size:- (Make:- KEI/Plaza/Havells).					
7.01	Aluminium unsheathed cable 10 sq. mm (Twin core)	22	85	Rupee eighty five only	Metre	1870
8.00	Supplying and fixing of Bed side wall bracket of all sizes and shapes, complete with all accessories, suitable for LED lamp 9 watt making connections, testing etc as required complete in all respects.			Rupee nine hundred fifty	Nos	1916
8.01	Makes:- Decon (gls-60w/led-9w)	2	958	Rupee nine hundred fifty	Nos	1916

9.00	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	1	239	Rupee two hundred thirty nine only	Nos	239
9.01	Single pole. 6 -32Amp					
9.02	Makes:-Philips/Wipro/Bajaj Panasonic(At par Cat No PBTM01057)					
10.00	Supply and fixing PVC street light box SINTERX make of size 175mm X 225mm X 100mm complete with fixing in the existing wall including making good the damage etc. as required complete in all respects.	1	1100	Rupee one thousand one hundred only	Nos	1100
11.00	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.	22	87	Rupee eighty seven only	Mtr	1914
11.01	25 mm					
12.0	Supplying and fixing the MS open Rack for Mounting Batteries and inverter with top covered as required complete in all respect	1	8000	Rupee eight thousand only	Nos	8000
13.0	Supplying and fixing LED Bulb of 9 watt with polycarbonate diffuser on the existing light point as required complete in all respect.	8	132	Rupee one hundred thirty two only	Nos	1056
	Total:-					76859

Executive Engineer
Electrical Division
HPPWD, Palampur



SCHEDULE OF QUANTITY

SR. NO.	DESCRIPTION	ESTIMATED COST:-98,544/-only. EARNEST MONEY: Rs.2000/-only		TIME ALLOWED: Three Months	
		job No RATES	WORDS		
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / heavy class PVC conduit having wall thickness minimum 2 mm, 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.				
i	Group C. Makes:- Legrand(Myrius), Schiender(Livia), Anchor Roma(Plus), L&T Manufacturing and distribution of the following earth wires with the following sizes of insulated insulated copper conductor, single core cable in surface/ recessed PVC conduit having wall thickness 2.0mm as required	2	1238	Rupee one thousand two hundred thirty eight only	Pts 2476
i	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	3	432	Rupee four hundred thirty two only	Mtrs 1296.00
3	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
i	S/D 3 X 1.5 sq. mm	95	100	Rupee one hundred only	Mtrs 9500
ii	S/D 3 X 2.5 sq. mm	35	151	Rupee one hundred fifty one only	Mtrs 5285
	Makes: KEI/Finolex/Polycab.				

4	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.					
i	Armoured cable 10 sq. mm (2 core)	20	255	Rupee two hundred fifty five only	Mtrs	5100.00
ii	Armoured cable 25 sq. mm (3.5 core)	15	426	Rupee four hundred twenty six only	Mtrs	6390.00
iii	Armoured cable 120 sq. mm (3.5 core)	12	1509	Rupee one thousand five hundred nine only	Mtrs	18108
	Makes: KEI/Finolex/Polycab.					
5	Providing & Laying of one number aluminium conductor, PVC insulated and PVC sheathed armoured/ XLPE power cable, 1.1 KV grade of following sizes direct in trench, including excavation and trenching the trench etc as required, but excluding sand cushioning and protective covering.					
i	Armoured cable 10 sq. mm (2 core)	60	344	Rupee three hundred fourty four only	Mtrs	20640
	Makes: KEI/Finolex/Polycab.					
6	Providing and fixing following rating and breaking capacity MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.					
i	100 A 18 KA	1	5436	Rupee five thousand four hundred thirty six only	No.	5436
	Makes: Legrand, Schiender, L&T.					
7	Supplying and fixing of MCCB enclosure suitable up to 125A MCCB for 3P and 4P MCCB's with inbuilt Neutral Link for TPN system, IK08 and IK30 Protection, Mounting holes for easy wall mounting, Louvers for better heat dissipation as required complete in all respects.	1	2121	Rupee two thousand one hundred twenty one only	No.	2121

	Makes: Legrand,Schiender,L&T.				
8	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.(But without MCB/RCCB/Isolator).				
i	Makes: Legrand,Schiender,L&T.				
i	Double door-8way	1	1703	Rupee one thousand seven hundred three only	1703
9	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
i	Makes:- Legrand,Schiender,L&T.				
10	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:-	1	530	Rupee five hundred thirty only	530
i	Single pole. Cat-A.	2	239	Rupee two hundred thirty nine only	478
	Makes:- Legrand,Schiender,L&T.				
11	Providing and Fixing of IP20 LED Surface mounted CRCA Powder Coated Box Type Channel with Pro LED Lamp Suitable for mounting 1 X 18 W LED Tube T8 type having minimum system efficacy of greater than 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. (With 5 Years Warranty).				
i	LED Tube Light 18/20 Watts	18	867	Rupee eight hundred sixty seven only	15606
ii	Makes: Bajaj, Wipro & Panasonic,Philips.				

12	Providing and Fixing of IP20 LED fixture of 18 watt +/- 1 W LED Surface Mounted Downlighter Round Shape with minimum system lumen efficacy of 100 lm/W with Polycarbonate housing, pressure die cast heat sink and P.F.>0.95 with THD<10% ,CRI 80. The LED shall be tested with LM80-08 standard with Useful life of 50000 Hrs at L70 . The LEDs used in the luminaire shall have CCT of ANSI Bin 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.				
i	LED Surface mounting round downlighter 18 watt	2	1525	Rupee one thousand five hundred eighty five only	Nos. 3170
	Makes: Bajaj, Wipro & Panasonic, Philips.				
13	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess ifc providing and fixing 25 amp modular socket outlet and 25 Amps modular SP MCB, "C" curve including connection, painting etc. as required.	1	705	Rupee seven hundred five only	Nos. 705
	Makes:- Legrand, Schiender, L&T.				
	Total:-				98544

Schedule of Quantity checked & approved for pg 98544 only


 Executive Engineer
 Electrical Division
 HPPWD Palampur


 B. S. M.

NAME OF WORK :- Construction / Establishment of 50 bedded Critical Care block and DPHL at Civil Hospital Dehra, Tehsil Dehra Distt. Kangra (H.P). (SH:- Providing and installation of 2 (two)No. Printers for HPPWD Electrical Division Palampur.

SCHEDULE OF QUANTITY

ESTIMATED COST : 37,642/-only.
EARNEST MONEY: Rs.800/-only
TIME ALLOWED:- Three Months

SR. NO.	DESCRIPTION	job No	RATES	WORDS	UNIT	AMOUNT
1	Mono Chrome multi function Laser Printer HP laser MFP M 1188A printer :-A4 size paper , printing speed 20PPM & 1200 DPI , memory 128 MB , copy speed (MONO) 20 CPM, Scan speed black and colour 6 PPM & 3PPM , USB 2.0 , paper tray capacity 150 pages , with one year warranty (expect consumable 7 breakage & burnt items) Make:-HP, Nero.	118821	Rupee eighteen thousand eight hundred twenty only	each	37642	
	Total:-					37642

Schedule of Quantity checked & Approved for Rs 37,642/-only

Executive Engineer
Electrical Division
HPPWD Palampur

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SCHEDULE OF QUANTITY

NAME OF WORK :- Repair and Maintenance of Electrical wiring in the Administration-Cum-Commerce Block (First Floor) at Govt. college dhaltara in Tehsil Dehra,Distt. Kangra(H.P.)(SH:-Providing and fixing of Ceiling fans therein)		ESTIMATED COST:-99695/-only EARNEST MONEY: Rs.2000/-only TIME ALLOWED: Three Month					
SR. NO.	DESCRIPTION		job No	RATES	WORDS	UNIT	AMOUNT
1	Providing, Installation, testing and commissioning of ceiling fan with regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required.						
	Ceiling Fan 1200 mm sweep	28	3470	Rupee three thousand four hundred seventy only	Nos	97160	
	Makes:-Usha(Technix),Bajaj,Crompton.						
2	Supplying and fixing extra down rod of 60cm length G.I. pipe 15mm dia heavy gauge including painting etc. as required.(Note:-More than 5cm length shall be rounded to the nearest 10cm and 5cm or less shall be ignored.) Makes:-Jindal Hissar,Tata	15	169	Rupee one hundred sixty nine only	Nos	2535.00	
	Total:-						99695

Schedule of Quantity checked & Approved for Rs 99695/-only

Executive Engineer
Electrical Division
HPPWD Palampur

(Signature)

SCHEDULE OF QUANTITY

NAME OF WORK :- Providing gate lights,Ceiling fans, Tube lights for AE residence converted to Superintending Engineer Office(B&R) at Dehra in Tehsil Dehra,Distt. Kangra(H.P.)

ESTIMATED COST: Rs. 59,900/-only.
EARNEST MONEY: Rs.1200/-only
TIME ALLOWED: Six Months

6

SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1	Providing and fixing of LED Gate light 25 Watt (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 on aluminium heat sinks. A UV stabilized PC diffuser is provided as complete in all respects as required with 5 year warranty.					
i	LED 25 Watt Gate light.	2	7650	Rupees Seven Thousand Six Hundred Fifty Only	Each	15300
	Make:- Havells,Bajaj,Wipro.					
2	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, 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)					
i	MCBDB 4 Way			Rupees One Thousand Four Hundred Twenty Five Only	Each	4275
	Make:- L&T,Legrand,Schenider.					
3	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.					

i	Single pole. Cat-A.	2	239	Rupees Two Hundred Thirty Nine Only	Each	478
	Makes: L&T, Legrand,Schenider.					
4	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
i	40 Amps. Cat-A.	1	426	Rupees Four Hundred Twenty Six Only	Each	426
	Makes: L&T, Legrand,Schenider					
5	Providing and Fixing of IP20 LED Surface mounted CRCA Powder Coated Box Type Channel with Pro LED Lamp Suitable for mounting 1 X 18 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 with 5 year warranty .					
i	LED fixture 1x18 Watt Surface Mounted 4 Feet Ultra Bright LED TubeLight	7	867	Rupees Eight Hundred Sixty Seven Only	Each	6069
	Makes: Havells, Bajaj & wipro.					
6	Providing, Installation, testing and commissioning of ceiling fan with regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0 20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required of Approved Make					

i	Ceiling Fan 1200 mm sweep, Category-A	4	3423	Rupees Three Thousand Four Hundred Twenty Three Only	Each	13692
	Makes: Usha(Technix)/Bajaj/Crompton					
7	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.					
i	2X1.5 Sq.mm	5	71	Rupees Seventy One Only	P/Mtr	355
	Makes: KEI/Anchor/Polycab/GrandLay					
8	Providing & Laying of one number aluminium conductor, PVC insulated and PVC sheathed armoured/ XLPE power cable, 1.1 KV grade of following sizes direct in ground including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering.					
i	Armoured cable 6 sq. mm (2 core)	65	297	Rupees Two Hundred Ninety Seven Only	P/Mtr	19305
	Makes:KEI/Havells/Polycab/GrandLay					
	Total					59900

Schedule of Quantity Checked & Approved for Rs 59900/-

Executive Engineer
Electrical Division
HPPWD Palampur





NAME OF WORK :- Construction of Govt. Degree College Building at Sihuntha in Tehsil Bhattiyat District Chamba (H.P.)(Sub-Head:- Providing E.I therein.)(SH:- S/L Conduit pipe in Basement Floor there in)

SCHEDULE OF QUANTITY			ESTIMATED COST:- 86,860/-only EARNEST MONEY: Rs.1700/-only TIME ALLOWED: One Month	
SR. NO.	DESCRIPTION	Job No	RATES	WORDS
		UNIT	AMOUNT	
1	Supplying and fixing of following sizes of steel conduit along with the accessories in surface / recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required:-			
i)	25 mm. dia	430	202	Rupee two hundred two only
	Total:-			Per Meter 86860
				86860

Schedule of Quantity checked & prepared for 86860 only

Executive Engineer
Electrical Division
HPPWD Palampur



SCHEDULE OF QUANTITY

NAME OF WORK :- Providing , installation , Testing and commissioning 1.5 ton A.C. in VIP Drawing Room, Rest House Thural Tehsil there in).

SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1	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 (except power consumption norms) fitted with hermatically shielded air-compressor as required complete in all respects.	1	60844.00	Rupees Sixty Thousand Eight Hundred Forty Four Only	No.	60844
	A.C. Unit 1.5 TR capacity					
	Makes: Voltas (Model No. :SAC183VHCZS) or equivalent make.					
2	Supplying and fixing wall mounting voltage stabilizer of following rating with output 240 volts with voltage regulation range from 170 volt to 250 volt and auto cut off beyond this range and time delay operation for the surges and fluctuations suitable for 1.8 TR capacity split type Air-Conditioner including making connections etc. as required complete in all respects.					
	Automatic Voltage Stabilizer 5 KVA					
	Makes:- V-Guard /Microtek/Godrej or equivalent.					
ii	Providing & fixing of M.S. Outdoor heavy duty stand powder coated suitable suitable to hang 1.5/2.0 TR Split type AC with six nos. anchor bolts as required complete in all respects and as per direction of Engineer in charge.	1	7000.00	Rupees Seven Thousand Only	No.	7000
iii	Providing & fixing of extra copper tubes for refrigerant and condensate (5/8" - 1/4") for 1.5/2 T.R. split type A.C. units and wiring with suitable size of HRFRLS copper conductor single core cables, including the cost of insulation etc. as required complete in all respects.	4	950.00	Rupees Nine Hundred Fifty Only	No.	950
v	Supplying and fixing of 25mm dia of PVC drain pipe along with the accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.	4	250.00	Rupees Two Hundred Fifty Only	Mtrs.	1000

ESTIMATED COST: Rs.78694/-only.
EARNEST MONEY: Rs.1600/-only
TIME ALLOWED:One Month

Job No. 2
Date 20/07/2018

Uninstallation of split type air conditioner as required	1	1500.00	Rupees One Thousand Five Hundred Only	No.	1500
Re-installation of split type air conditioner as required.	1	1800.00	Rupees One Thousand Eight Hundred Only	No.	1800
Total:-					78694

Schedule of Quantity checked & Approved for Rs 78,694 only

Executive Engineer
Electrical Division
HPPWD Palampur

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SCHEDULE OF QUANTITY

NAME OF WORK :- Providing and fixing of Portable Fire Extinguishers to Robotic OT area 2nd Floor Maternity Block and Anesthesia ICU area of Casualty Block 500
Bedded Hospital at Dr. RPGMC Kangra at Tanda.

SR. NO.	DESCRIPTION	job No		UNIT	AMOUNT
		RATES	WORDS		
1	Providing and fixing Carbon dioxide CO ₂ 4.5 kg type fire extinguishers ISI mark. CE and EN Certified, consisting of seamless cylindrical body, squeeze lever discharge valve fitted with pressure indicating guage internal discharge tube, 30cms long high pressure discharge hose, discharge nozzle, suspension bracket, confirming to IS: 15683 finished externally with red enamel paint and M S Wheel type complete with internal charge as required complete in all respects.	4	12476.00 Rupee twelve thousand four hundred seventy six only	Nos.	49904 ✓
2	Providing and fixing stored pressure vessel ABC 6 Kgs. Powder type fire extinguishers ISI mark. CE and EN Certified, consisting of seamless cylindrical body, squeeze lever discharge valve fitted with pressure indicating guage internal discharge tube, 30cms long high pressure discharge hose, discharge nozzle, suspension bracket, confirming to IS: 15683 finished externally with red enamel paint and fixed to wall with brackets complete with internal charge.	3	6835 Rupee six thousand eight hundred thirty five only	Nos.	20505 ✓
3	Make: Minimax/Aska/ Anshul Fire/ Ceasefire Providing & fixing of IS marked 15683 Water type 9 Litre (S/P) cylindrical body, squeeze lever discharge valve fitted with pressure discharge hose, discharge nozzle, etc. finished externally with red enamel paint and fixed to wall with brackets complete with internal charges.	3	6355 Rupee six thousand three hundred fifty five only	Nos.	19065 ✓
Make: Minimax/Aska/ Anshul Fire/ Cesae Fire					89474
Total:-					

Schedule of Quantity checked & Approved for Rs. 89474/- only

Executive Engineer
Electrical Division
HPPWD Palampur

2/2018

SCHEDULE OF QUANTITY

NAME OF WORK :- Repair, Servicing & Comprehensive Maintenance of window type-Air-Conditioning units installed in the Paraclinic Block of Dr. RPGMC Kangra at Tanda for the year 2024-25.

job No 10

ESTIMATED COST: Rs. 98,900/-only.
TIME ALLOWED: One Year

SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1.00	Repair, Servicing & Comprehensive Maintenance of Window Air-Conditioning Units having following capacity i.e. rackout of these units for servicing including washing of filters in routine intervals i.e. 04 Nos. services throughout a year with the time period of three months and reinstallations of these units after necessary PCB testing, fan motor, swing motor, drain pipe, refrigerant pressure testing, testing of temperature sensor and all other wiring including stabilizer wiring etc. and emergency call attending services during the any type of fault in air-conditioning units as per required complete in all respects and to the best satisfaction of Engineer-in-charge.					
	Window type A.C. units 1.5 T.R. capacity	23	4300	Rupees Four Thousand Three Hundred Only	Each	98900
	Total					

Schedule of Quantity Checked & Approved for Rs 98900/-

Executive Engineer
Electrical Division
HPPWD Palampur

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SCHEDULE OF QUANTITY

NAME OF WORK :- R/M of E.I. in Govt. Residential building Dr. RPGMC Kangra at Tanda (SH: Replacement of damaged wiring and accessories in Room No. 113, Vivekanand Hostel therein).

ESTIMATED COST: 4667/- only.
EARNEST MONEY: Rs. 900/- only
TIME ALLOWED: One Month

SR. NO.	DESCRIPTION	job No	RATES	WORDS	UNIT	AMOUNT
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface /recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.					
1.1	Group C					
	Makes:- (KEI/Anchor/Plaza , L&T(Entice)/Legrand(Myrius)/Schneider(Livia)					
2	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed heavy class PVC conduit having wall thickness minimum 2 mm, 2 way piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required					
2.1	Twin Control					
3	Makes:- (KEI/Anchor/Plaza , L&T(Entice)/Legrand(Myrius)/Schneider(Livia)					
3.1	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.					
	2x2.5sq.mm	25	198.00	Rupee one hundred ninety eight only	Mtrs.	4950

3.2	2x4sq. mm	22	311.00	Rupee three hundred eleven only	Mtrs.	6842
	Make:- KEI/AnchorPlaza					
4	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.					
4.1	S/D 3 X 1.5 sq. mm	8	100.00	Rupee one hundred only	Mtrs.	800
	Makes:- KEI/AnchorPlaza					
5	Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLS on including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required. (For light plugs to be used in non residential buildings)					
5.1	150 mm X 75 mm X 60 mm	13	265.00	Rupee two hundred sixty five only	Nos.	3445
	Makes:- Panasonic/Anchor/L&T					
6	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLS on including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required.					
6.1	180 mm X 100 mm X 60 mm	3	406.00	Rupee four hundred six only	Nos.	1218
	Makes:- Panasonic/Anchor/L&T					
7	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:-					
7.1	Single pole. Cat-A.	2	239.00	Rupee two hundred thirty nine only	Nos	478
	Makes:- L&T/Legrand/Schneider.					

S	Providing and fixing LED tube up to 20Watt (2000 lumen) 6500K and it should be compatible with specifications i.e. power factor ≥ 0.9 , harmonic distortion $\leq 10\%$ and efficacy ≥ 100 lumens per watt, CRI > 80 , suitable for input voltage AC 220-240V, 50/60 Hz. including one no. tube rod 18 Watt complete with all accessories, connections, testing and commissioning etc. as required. complete in all respects.				
S.1	20 Watt LED Tube	4	306.00 Rupee three hundred six only	Nos	1224
	Makes:- Havells/wipro/Panasonic				
9	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 ≥ 0.9 , harmonic distortion $\leq 10\%$ and efficacy ≥ 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.				
9.1	10 Watt LED Mirror Light, 2 ft.	18	469.00 Rupee four hundred sixty nine only	Nos	8442
	Makes:- Havells/wipro/Panasonic				
10	Providing, Installation, testing and commissioning of BLDC ceiling fan (5 star rating), including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required.				
10.1	BLDC Ceiling Fan 1200 mm sweep	1	4323.00 Rupee four thousand three hundred twenty three only	Nos	4323
	Makes: Usha/Bajaj/Anchor.				
11	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.				

11.1	Exhaust Fan, Light duty, (Domestic) 300 mm sweep	2	2567.00	Rupee two thousand five hundred sixty seven only	Nos	5134
	Makes: Usha/Bajaj/Anchor.					
12	Supplying and fixing of LED street light luminaire with the use of the latest technology 45 Watt (4500 lumens), 6500K made of CRCA housing and it should be compatible with specifications i.e. power factor ≥ 0.95 , harmonic distortion $\leq 10\%$ and efficacy ≥ 80 lumens per watt, CRI > 70 , suitable for input voltage AC 150-270V, 50/60 Hz complete with all accessories, connections, testing and commissioning etc. as required.					
12.1	LED 45 Watt Street light	1	4913.00	Rupee four thousand nine hundred thirteen only	Nos	4913
	Makes:- Havells/wipro/Panasonic					
	Total:-					46676

Schedule of Quantity checked & Approved by Rs. 46676/-

Executive Engineer
Electrical Division
HPPWD, Palampur

(Signature)

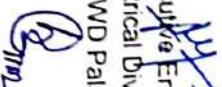
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SCHEDULE OF QUANTITY

NAME OF WORK:- CO Shaheed Surinder Singh Govt. LTJ Building (Block-B) at Jawaii Dist. Kangra (H.P.)(S.H.-Providing E.I therein)(S.H.-Supplying and laying conduit pipe in Ground Floor therein).		DESCRIPTION	19	ESTIMATED COST:-Rs 99392/-only.
SR. NO.				EARNEST MONEY: Rs 2000/-only TIME ALLOWED: Three Months
			job No	RATES
			WORDS	UNIT
1		Supplying and fixing of following sizes of steel conduit along with accessories in surface conduit, or cutting the well and making good same in case of recessed circuit as required (Make:- Sidharth/BECL).		AMOUNT
1.1	25mm dia			
2		Supplying and fixing following sizes modules, GI box along with modular base & cover plate for modular switches in recess etc. as required. Make :- KEL HAVELLAN ACTOR (Roma) / Legrand (Myrius) / L&T (Entice).	485	202.00
2.01	2 Module(75mmX75mm).		Rupee two hundred two only	Meter
2.02	4 Module(125mmX125mm).	1	251.00	Rupee two hundred fifty one only
2.03	EModule(200mmX75mm).	1	284.00	Rupee eight hundred four only
2.04	EModule(125mmX125mm).	1	425.00	Rupee four hundred twenty five only
	Total:-		462.00	Rupee four hundred sixty two only
				99392

Schedule of Quantity Work & Rates for the quantity surveying

Executive Engineer
Electrical Division
HPPWD Palampur



SCHEDULE OF QUANTITY

NAME OF WORK :- Replacement of 10KVA UPS Batteries installed in Auditorium building for emergency back -up-of Audio Visual system , Dr. RPGMC Kangra at Tanda.		job No <u>13</u>	ESTIMATED COST: Rs.81536/-only. EARNEST MONEY: Rs.1600/-only TIME ALLOWED:One Month		
SR. NO.	DESCRIPTION	QTY.	FIGURES	RATES	WORDS
1	Supplying , erection,testing and commissioning of battery 12V 42 AH suitable for UPS / inverter as required complete in all respects and to the best satisfaction of Engineer - in -Charge.	16	5096	Nos.	81536
	Battery 12V 42 AH				
	Make:- Exide / Su-Kam /Quanta.				
	Total:-				81536

Schedule of Quantity checked & approved by BIS

Executive Engineer
Electrical Division
HPPWD Palampur

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SCHEDULE OF QUANTITY

NAME OF WORK :- Providing and fixing Water Storage Geyser In Guest House of Eye Mobile Unit Zonal Hospital dharamshala .				ESTIMATED COST:Rs.60909/-only.
SR. NO.	DESCRIPTION	job No	RATES	EARNEST MONEY: Rs.1200/-only
			WORDS	TIME ALLOWED: Three Months
1.00	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 -			
1.01	6 Liter capacity water heater (Cat-A)	1	Rupee nine thousand six hundred eighty five only	Nos. 9685
2.00	25 Liter capacity water heater (Cat-A)	4	Rupee twelve thousand eight hundred six only	Nos. 12806
Total:-				60909

Schedule of Quantity checked & Approved for Rs. 60909 only


Executive Engineer
Electrical Division
HP PWD Palampur


Electrical Division
HP PWD Palampur

SCHEDULE OF QUANTITY

SR. NO.	DESCRIPTION	ESTIMATED COST:-Rs.64795/-only. EARNEST MONEY: Rs.1300/-only TIME ALLOWED: Three Months				
		job No	RATES	WORDS	UNIT	AMOUNT
1.00	Supplying, erection, testing & commissioning of Pure sine wave Inverter and Online UPS of Following capacity suitable for back-up of power supply as required complete in all respects and to the best satisfaction of Engineer-in-Charge. Makes:- Microtek/Delta power/V-guard.					
1.01	Inverter/UPS sinewave 2350 +24V	1	27167	Rupee twenty seven thousand one hundred sixty seven only	Nos	27167
2.00	Supplying, erection, testing & commissioning of batteries having following capacity for UPS System etc. as required complete in all respects and to the best satisfaction of Engineer-in-Charge.					
2.01	Tubular Battery 12 Volt 160 Ah Makes: Exide/Quanta/Microtek.	2	18814	Rupee eighteen thousand eight hundred fourteen only	Nos	37628
	Total:-					64795

Schedule of Quantity checked & Approved for Rs. 64,795/-only


 Executive Engineer
 Electrical Division
 HPPWD Palampur



SCHEDULE OF QUANTITY

NAME OF WORK :- Dismantling & Re-installation of Split Type Air-conditioning units, Ceiling fans, Exhaust Fans, Tube lights and other electrical items from HPPWD Rest house Dehra to various Non Residential buildings under ESD Dehra in Tehsil Dehra, Distt. Kangra(H.P.).

(15)

ESTIMATED COST:-75,560/-only.
EARNEST MONEY: Rs.1500/-only
TIME ALLOWED: One Month

SR. NO.	DESCRIPTION	job No	RATES	WORDS	UNIT	AMOUNT
1	Dismantling, re-installation, testing and commissioning of 1.5/2 Ton capacity split type air-conditioning outdoor units as required complete in all respects and as per directions of Engineer-in-charge.	9	3200.00	Rupee three thousand two hundred only	Per Job	28800
2	S/F of Copper tube with insulation for A.C 1.5 TR capacity complete in all respects as required.	12	1150.00	Rupee one thousand one hundred fifty only	PMtr	13800
3	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, 2.55mm, 3 Core cable in the existing surface/recessed steel/PVC conduit as required. Makes: KEL, Polycab, Plaza.	24	280.00	Rupee two hundred eighty only	PMtr	6720
4	Providing and fixing PVC Trunking for covering of copper pipe of following size 115X50mm as required complete in all respects. Makes: Polyplast, Deplast, B.E.C.	7	1300	Rupee one thousand three hundred only	PMtr	9100.00
5	S/F of Drain pipe of size 1" Dia (25mm) complete with elbows, tees, socket etc. of superior quality as per satisfaction of Engineer-in-Charge.	30	195	Rupee one hundred ninety five only	PMtr	5850
6	Refilling of Refrigerent(R-22) Gas in the Air Conditioning Units as required complete in all respects and to the best satisfaction of Engineer-in-charge.	1	2500.00	Rupee two thousand five hundred only	Each	2500
7	Refilling of Refrigerent(R-32) Gas in the Air Conditioning Units as required complete in all respects and to the best satisfaction of Engineer-in-charge.	1	3500.00	Rupee three thousand five hundred only	Each	3500
8	Dismantling, re-installation, testing and commissioning of Ceiling fan as required complete in all respects and as per directions of Engineer-in-charge.	10	100.00	Rupee one hundred only	Each	1000
9	Dismantling, re-installation, testing and commissioning of Exhaust fan as required complete in all respects and as per directions of Engineer-in-charge.	2	100.00	Rupee one hundred only	Each	200.00
10	Dismantling, re-installation, testing and commissioning of LED Tube Light as required complete in all respects and as per directions of Engineer-in-charge.	16	50.00	Rupee fifty only	Each	800

11	Dismantling, re-installation, testing and commissioning of Geyser as required complete in all respects and as per directions of Engineer-in-charge.	6	250.00	Rupee two hundred fifty only	Each	1500.00
12	Dismantling, re-installation, testing and commissioning of LED Downlighter as required complete in all respects and as per directions of Engineer-in-charge.	4	25.00	Rupee twenty five only	Each	100.00
13	Dismantling, re-installation, testing and commissioning of LED Mirror Light as required complete in all respects and as per directions of Engineer-in-charge.	8	30.00	Rupee three hundred only	Each	270
14	Dismantling, re-installation, testing and commissioning of Inverter 2.5 KVA(Along with Batteries) as required complete in all respects and as per directions of Engineer-in-charge.	1	400.00	Rupee four hundred only	Each	400
15	Dismantling, re-installation, testing and commissioning of Wall fan as required complete in all respects and as per directions of Engineer-in-charge.	6	100.00	Rupee one hundred only	Each	600
16	Dismantling, re-installation, testing and commissioning of Fancy Wall Bracket as required complete in all respects and as per directions of Engineer-in-charge.	7	40.00	Rupee forty only	Each	280
17	Dismantling, re-installation, testing and commissioning of MCBDB 12 Way (along with MCB's) as required complete in all respects and as per directions of Engineer-in-charge.	4	250.00	Rupee two hundred fifty only	Each	1000
18	Dismantling, re-installation, testing and commissioning of LED Street light as required complete in all respects and as per directions of Engineer-in-charge.	2	70.00	Rupee seventy only	Each	140
Total:-						76560

Schedule of Quality checked & Approved for Rs 76560/-

Executive Engineer
Electrical Division
HPPWD Palampur

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SCHEDULE OF QUANTITY

NAME OF WORK :- Providing wiring ,power point,computer point to emergency reception room , security room area near emergency gate no. 1 of 500 bedded hospital at Dr. RPGMC Kangra at Tanda .

ESTIMATED COST: Rs.67209/-only
EARNEST MONEY: Rs.1300/-only
TIME ALLOWED: One Year.

SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit with modular switch , modular plate,sutable G1 box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc. as required.	6	1238.00	Rupee one thousand two hundred thirty eight only	P/Point	7428
1.01	Group C.					
2	Make:- (KEI/ Anchor/Plaza, L&T(Entice) / Legrand (Myrius)/Schneider (Livia).					
2.01	Wiring for circuit / submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor , single core cable in surface /recessed steel conduit as required.	22	282.00	Rupee two hundred eighty two only	P/mtr.	6204
2.02	2X2.5sq.mm.	18	332.00	Rupee three hundred thirty two only	P/mtr.	5976.00
2.03	2X4.0sq.mm.	16	395.00	Rupee three ninety five	P/mtr.	6320
2.04	2X6sq.mm.	12	564	Rupee five hundred sixty four	P/mtr.	6768

3	Supplying and fixing computer board computer board comprising 3 Nos 5 amps modular switches & sockets and GI box 12 module for 5 amps switch and 5 amps sockets comprising frame and cover plate for each to module and 12 module metel box including metal box including connections etc as required.	3	1191.00	Rupee one thousand one hundred ninety one only	Per point 3573
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess ,including providing and fixing 3 Pin 5/6 amps modular socket outlet and 5/6amps modular5/6amps modular switch/socket.	2	469.00	Rupee four hundred sixty nine only	Nos. 938
5	Supplying and fixing suitable size GI box with modular plate and cover in FRLS on surface or in recess ,including providing and fixing 6 Pin 5/6 amps&15/16amps modular socket outlet and 15/16amps modular5/6amps modular switch, connection etc. as required.				
5.01	15/16amps modular switch/socket.	2	621.00	Rupee six hundred twenty one only	Nos. 1242
	Makes:-Anchor/ Havells /L&T.				
6	Supplying and fixing following way ,single pole and neutral ,shee steel, MCB distribution board 240 volts , on surface /recess, complete with tinned copper bus bar ,neutral bus bar, earth bar, din bar interconnection, power painted including earthing etc. as required .(But without MCB/RCCB/Isolator).				
6.01	12 Way double door.	1	2055.00	Rupee two thousand fifty five only	Nos. 2055
7	Supplying and fixing following rating, double pole,240 volts, isolator in the existing MCB DB complete with connections , testing and commissioning etc. as required.				
7.01	63amps	1	530.00	Rupee five hundred thirty only	Nos. 530

	Makes:-Anchor/ Havells /L&T.				
8	Supplying and fixing following rating , double pole ,(single phase and neutral), 240volts ,residual current circuit breaker (RCCB),having a sensitivity current 30milli amperes in the existing MCB DB complete with connection ,testing and commissioning etc. as required.				
8.01	63 Amps.	1	3104	Rupee three thousand one hundred four only	Nos. 3104
	Makes:-Anchor / Havells / L&T.				
9	Supplying and fixing 6 amps to 32 amps rating ,240/415,volts.10 KA'C' Curve ,miniature circuit breaker suitable for inductive load of following poles in the miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connection , testing and commissioning etc. as required.				
9.01	single pole.	7	239.00	Rupee two hundred thirty nine only	Nos. 1673
10	Providing , installation testing and commissioning of BLDC ceiling fan (5 star rating), including wiring the down rods of standred length (up to 30cm)with 16/0.20mm twin twisted , cotton braided copper cable , including providing and fixing phenolic laminated sheet cover of the fan box and earthing etc. as required.				
10.01	BLDC Ceiling fan 1200mm sweep.	2	4323.00	Rupee four thousand three hundred twenty three only	Nos. 8646
	Makes:- Usha / Bajaj/Havells.				
11	Providing , installation , testing and commissioning of fan road of following size by means of suitable rag-bolt/nuts, connection ,testing and commissioning etc. as required complete in all respects to the best satisfaction of Engineer-in-charge.				
11.01	Fan Road	2	300.00	Rupee three hundred only	Nos. 600

12	Providing and fixing of LED fixture 300mmX300mm 24 watt +/-1w surface mounted having minimum system lumen efficacy of 100lm/w with GRCA housing and PMMA diffuser with P.F >0.95, THD <10%, CCT 5700K, CRI 80. The led shell be tested with LM80-08 standard with useful life of 50000hrs. at L70. The input voltage range shell be 150v as required complete with connection, testing etc			
12.01	24 Watt LED 1'x1' surface panel	4	Rupee three thousand thirty eight only	12152
	Make:- Wipro/ Panasonic/Havells.			
	Total:-			67209

Schedule of Quantity checked & Approved for Rs 67209/- Only

Executive Engineer
Electrical Division
HPPWD Palampur



