

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No.: PW/EDP/CB/TA/CONT/2023-24/- 5833-61

Dated: 18/10/23

To

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

Subject: Publishing of Tender Notice.

Enclosed please find herewith the Tender Notice of works as given in the Notice Inviting Tenders 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. The Drawing Branch in this office.
3. All the Assistant Engineers working under this Division.


Executive Engineer
Electrical Division
HP PWD Palampur

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

"Notice Inviting Tenders"

Sealed percentage rate tenders on form 6&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 **31-10-2023** 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 **30-10-2023** up to 4.00 P.M. and the application for issue of tender form shall be received on **27-10-2023** up to 12.00 noon.

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. The FDR duly pledged should be attached separately with each tender.
8. Only two number tender forms will be issued to the eligible contractor.
9. The Executive Engineer, Electrical Division, HP PWD Palampur reserves the right to reject any tender without assigning any reasons.
10. Conditional/ incomplete tenders & tender without earnest money will be summarily rejected.

Sr. No	Name of Work	Estimated Cost	Earnest Money	Time Limit	Form No.	Cost of Form
1	Rewiring and replacement of old FTL fixture with new LEDs in the Deptt. of Forensic Medicine, Paraclinic Block Dr. RPGMC Kangra at Tanda.	474967/-	9500/-	Three Months	8	350/-
2	Construction of Veterinary Dispensary at Sherpur in Tehsil Dalhousie Distt. Chamba. (SH:- Providing E.I. therein).	94145/-	1900/-	Six Months	8	350/-
3	Replacement of existing old and damaged Campus Lighting into new one in the HPPWD Rest House at Sihunta in Tehsil Bhattiyat and Distt. Chamba (H.P).	90713/-	1900/-	Three Months	8	350/-
4	Annual Repair and Maintenance of Tower type Air conditioning units in ICU, Ward I, II and split AC units in Dr. Duty room etc. installed in New Makeshift COVID Hospital Dr. RPGMC Kangra at Tanda for the year 2023-24.	236000/-	4800/-	One Year	8	350/-
5	Replacement of old and damaged FTL fixtures with LED fixtures in Entrance Area, Edusat Hall Reading Room, Book Section, Archive Room in Ground Floor of Central library at Dr. RPGMC Kangra at Tanda Distt. Kangra (H.P).	364753/-	7300/-	Six Months	8	350/-
6	C/O One Room in Govt. Sr. Sec. School at Kosari in Tehsil Jaisinghpur Distt. Kangra (HP)(SH:- Providing E.I. therein).	80750/-	1700/-	Six Months	8	350/-
7	C/O Panchayat Community Centre (Panchayat Ghars) Gram Panchayat (Ground Floor) Badghwar, Dev Block Sullah Distt. Kangra (H.P)(SH:- Providing E.I. therein).	99685/-	2000/-	One Year	8	350/-

8	Repair & Maintenance of Service Lift installed in Service Block of 500 Bedded Hospital at Dr. RPGMC Kangra at Tanda.	468705/-	9400/-	Six Months	8	350/-
9	Providing Air Conditioner and Ceiling fan, Wall Fan B&R Division at HPPWD Chowari in Tehsil Bhattiyat Distt. Chamba (H.P.)	109756/-	2200/-	Six Months	8	350/-
10	C/O Panchayat Community Centre (Panchayat Ghars) Gram Panchayat (Ground Floor) Khaira Baluhi Block Sullah Distt. Kangra (H.P)(SH:- Providing E.I. therein).	99685/-	2000/-	One Year	8	350/-
11	C/O Panchayat Community Centre (Panchayat Ghars) Gram Panchayat (Ground Floor) Devi. Block Sullah Distt. Kangra (H.P)(SH:- Providing E.I. therein).	99685/-	2000/-	One Year	8	350/-
12	Providing Campus Lighting & 1 No. Geyser in the Executive Engineer HPPWD at Dalhousie in Tehsil Dalhousie and District Chamba (H.P) (Estimate thereof)	164233/-	3300/-	Three Months	8	350/-
13	Providing replacement of wiring and safety devices in Senior Civil Judge (ACJM) residence at Nurpur, Tehsil Nurpur Distt. Kangra (H.P).	266897/-	5400/-	Six Months	8	350/-
14	C/O Rajeev Gandhi Govt. Engineering College at Nagrota Bagwan Distt. Kangra (H.P)(SH:- Providing E.I. in Architecture Block therein)(Ground Floor R.H.S).	98050/-	2000/-	Two Months	8	350/-
15	C/O Rajeev Gandhi Govt. Engineering College at Nagrota Bagwan Distt. Kangra (H.P)(SH:- Providing E.I. in Architecture Block therein)(Ground Floor L.H.S).	98050/-	2000/-	Two Months	8	350/-
16	Repair and maintenance of E.I. to the residential accommodation of Sr. Civil Judge-Cum-JMFC Kangra at Old Kangra in Distt. Kangra (H.P)(SH:- Providing Ceiling fans, Wall fans, Exhaust fans, LEDs, Geyser, Street lights and wiring for UPS etc. therein).	106422/-	2200/-	One Month	8	350/-
17	C/O Rajeev Gandhi Govt. Engineering College at Nagrota Bagwan Distt. Kangra (H.P)(SH:- Providing and laying of PVC Conduit for Fire Alarm and PA System in Architecture Block therein).	90400/-	1900/-	Two Months	8	350/-
18	Additional/ alteration to Type-III Qtrs. near Dharoon Khad in Dr. R.P. Govt. Medical College Tanda in Distt. Kangra (H.P)(SH:- Providing E.I. to newly Constructed badminton court therein).	143966/-	2900/-	Three Months	8	350/-
19	C/O Panchayat Community Centre (Panchayat Ghars) Gram Panchayat (Ground Floor) Dain. Block Sullah Distt. Kangra (H.P)(SH:- Providing E.I. therein).	99685/-	2000/-	One Year	8	350/-
20	C/O Panchayat Community Centre (Panchayat Ghars) Gram Panchayat (Ground Floor) Kharul Sornu. Block Sullah Distt. Kangra (H.P)(SH:- Providing E.I. therein).	99685/-	2000/-	One Year	8	350/-

21	Providing and fixing of split type air-conditioning unit in the room of Assistant Engineer B&R Sub -Division, HPPWD Nagrota Bagwan therein.	103015/-	2100/-	One Month	8	350/-
22	C/O Panchayat Community Centre (Panchayat Ghars) Gram Panchayat (Ground Floor) Khas Gaggal Block Sullah Distt. Kangra (H.P)(SH:- Providing E.I. therein).	99685/-	2000/-	One Year	8	350/-
23	C/O Panchayat Community Centre (Panchayat Ghars) Gram Panchayat (Ground Floor) Ballah Block Sullah Distt. Kangra (H.P)(SH:- Providing E.I. therein).	99685/-	2000/-	One Year	8	350/-
24	Revised estimate for Replacement of E.I. and Safety devices to residential quarters Type-III and Type- IV for Excise and Taxation Department at Chilgari Dharamshala in Distt. Kangra (H.P).	389509/-	7800/-	Six Months	8	350/-
25	C/O Panchayat Community Centre (Panchayat Ghars) Gram Panchayat (Ground Floor) Dhamman Lahar Block Sullah Distt. Kangra (H.P)(SH:- Providing E.I. therein).	99685/-	2000/-	One Year	8	350/-
26	C/O New 120 Nos. Girls MBBS Hostel building at Dr. RPGMC Kangra at Tanda in Distt. Kangra (H.P)(SH:- Providing E.I. to Security post near Main Gate therein).	98952/-	2000/-	Two Months	8	350/-
27	C/O Rajeev Gandhi Govt. Engineering College Kangra at Nagrota Bagwan, Distt. Kangra (HP)(SH:- Providing & fixing of Portable Fire Extinguishers in Boys & Girls Hostel therein).	448922/-	9000/-	Three Months	8	350/-
28	Providing and fixing of split type air-conditioning unit in the Treasury office building at Shahpur, Tehsil Shahpur Distt. Kangra (H.P).	94795/-	2000/-	One Months	8	350/-
29	C/O 1st Year MBBS Hostel for 60 No. Boys in Dr. RPGMC Kangra at Tanda.(SH:- Replacement of damaged main Supply Cable therein).	274775/-	5500/-	Two Months	8	350/-
30	C/o Rajeev Gandhi Govt. Engineering College at Nagrota Bagwan in Distt. Kangra (H.P)(SH:- Replacement of old and damaged old LED fittings and exhaust fan).	93715/-	2000/-	One Months	8	350/-
31	Replacement of Safety devices in Civil Hospital OPD Block Panel Room, Wards Panel Room Building at Palampur in Tehsil Palampur Distt. Kangra(H.P).	258041/-	5200/-	One Month	8	350/-
32	C/O Rajeev Gandhi Govt. Engineering College at Nagrota Bagwan Distt. Kangra (H.P)(SH:- Providing and laying of PVC Conduit for CCTV, LAN,WiFi in Architecture Block therein).	90400/-	1900/-	Two Months	8	350/-

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SCHEDULE OF QUANTITY

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NAME OF WORK :-Rewiring and repalcement of old FTL fixture with new LEDs in the Deptt. of Forensic Medicine, Paraclinic Block, Dr. RPGMC Kangra at Tanda.		job No 8		ESTIMATED COST: Rs.4,74,967/-only. EARNEST MONEY: Rs.9500/- only TIME ALLOWED:Three Months		
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, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.					
	Group C	60	1311.00	Rupees One Thousand Three Hundred Eleven Only	Per Point	78660
	(Make:-KEI,Anchor,Plaza) Anchor (Roma), L&T (Entice), Schneider (Livvia).					
2	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.					
2.1	2x1.5 Sq. mm.	180	212.00	Rupees Two Hundred Twelve Only	Per Meter	38160
2.2	2x4 Sq. mm.	240	348.00	Rupees Three Hundred Forty Eight Only	Per Meter	83520
	(Make:-KEI / Anchor / SCI/Plaza)					
3	Supplying & fixing of G.I. modular boxes of following sizes along with modular base and cover plate for modular switches in recess as required:-					
	8 modules	7	659.00	Rupees Six Hundred Fifty Nine Only	Each	4613
	Makes:- L&T/Legrand/Schneider.					
4	Supplying and fixing following rating Modular switch /socket in the existing switch box / cover plate including connections etc. as required.					
4.1	S.P. 5/ 6 Amps one way Modular switch.	7	130.00	Rupees One Hundred Thirty Only	Each	910
4.2	5 pin, 5/ 6 Amps Modular socket outlet.	21	187.00	Rupees One Hundred Eighty Seven Only	Each	3927
	Makes:- L&T/Legrand/Schneider.					

5	Supplying and fixing suitable size G box with modular plate and cover in FRLS on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	19	750.00	Rupees Seven Hundred Fifty Only	Each	14250
	Makes:- Legrand/L&T/Schneider.					
6	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.					
	Stepped type Modular Fan regulator (2 module)	18	737.00	Rupees Seven Hundred Thirty Seven Only	Each	13266
	Makes:- L&T/Legrand/Schneider.					
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:-					
	Single pole. Cat-A.	31	265.00	Rupees Two Hundred Sixty Five Only	Each	8215
	Makes:- Legrand/L&T/Schneider.					
8	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
	63 Amps. Cat-A.	5	616.00	Rupees Six Hundred Sixteen Only	Each	3080
	Makes:- Legrand/L&T/Schneider.					
9	Supplying and fixing following rating, four pole, 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
	63 Amps. Cat-A.	2	906.00	Rupees Nine Hundred Six Only	Each	1812
	Makes:- L&T/Legrand/Schneider.					
10	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)					
	Double door-8 way	1	1897.00	Rupees One Thousand Eight Hundred Ninety Seven Only	Each	1897

11	Makes:- Legrand/L&T/Schneider. Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 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)	2	4895.00	Rupees Four Thousand Eight Hundred Ninety Five Only	Each	9790
	8 way (8 + 24), TPN Double door					
	Makes:- L&T/Legrand/Schneider. 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.					
12	Armoured Cable 16 Sq.mm. (4 core) (Make:- KEI/Havells/Plaza/SCI)	65	347.00	Rupees Three Hundred Forty Seven Only	Per Meter	22555
13	Providing, Installation, testing and commissioning of ceiling fan with two module modular step type electronic fan 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, Category-A	6	3191.00	Rupees Three Thousand One Hundred Ninety One Only	Each	19146
	Makes:- Usha / Bajaj/ Crompton. With 3 rated star 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.					
14	25 Liter capacity water heater (Cat-A) Makes:- Usha / Havells/ Racold	3	10250.00	Rupees Ten Thousand Two Hundred Fifty Only	Each	30750

15	Providing and Fixing of IP20 LED Surface mounted CRCA Powder Coated Box Type Channel system with Pro LED Lamp Suitable for mounting 1 X 18 W LED Tube T8 type 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 complete with all accessories, including connections etc. as required.	16	1508.00	Rupees One Thousand Five Hundred Eight Only	Each	24128
	18 Watt LED Tube fixture with pro LED lamp					
	Makes: Philips/ Wipro/Bajaj					
16	Providing and installation of following wattage LED square/round surface downlighter with minimum system lumen efficacy of 100 lm/W with and P.F. >0.95 with THD<10%, CCT 6000 K, CRI 80. The LED with useful life of 50000 hrs. at L70 with five years warranty. The input voltage range shall be 150V to 270V as required complete in all respects.	6	1562.00	Rupees One Thousand Five Hundred Sixty Two Only	Each	9372
	LED Surface mounting Square/Round downlighter 18 Watt					
	Makes: Wipro/Havells/Panasonic					
17	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 with five years warranty. 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, testing and commissioning etc. as required complete in all respects.	4	1432.00	Rupees One Thousand Four Hundred Thirty Two Only	Each	5728
	LED Bulk Head 10 Watt					
	Makes: Philips/ Wipro/ Bajaj					

18	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 100 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 with 5 year warranty.	4	665.00	Rupees Six Hundred Sixty Five Only	Each	2660
	LED Mirror Light 10 Watt					
19	Makes: Philips/ Wipro/ Bajaj Providing and fixing of 1200mm x 300mm LED fixture 36W +/- 1W Surface mounted fixture with HET Plastic diffuser with CRCA powder coated housing having minimum system lumen efficacy 100 lm/W with P.F. >0.95 with THD <10%, The LED with Useful life of 50000 Hrs at L70 with five years warranty. The LEDs used in the luminaire shall have CCT of 5700 K with 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.	16	6158.00	Rupees Six Thousand One Hundred Fifty Eight Only	Each	98528
	LED Panel 36 Watt, 4'x1'					
	Makes: Philips/ Wipro/ Bajaj					
	Total					474967

draft schedule of quantity checked and approved for 4,94,967 only

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- :Construction of Veterinary Dispensary Building at Sherpur In Tehsil Dalhousie Distt. Chamba (H.P) (S.H:-Providing E.I. therein).			Job No 22	ESTIMATED COST: Rs. 94,145/-only. EARNEST MONEY: Rs.1900/-only TIME ALLOWED:Six Months		
SR. NO.	DESCRIPTION	QTY.	FIGURES	RATES	UNIT	AMOUNT
				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 steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Make: Anchor (Panta)/ SSK(Touch)					
	Group C.	15	1610	Rupees One Thousand Six Hundred Ten Only	Per point	24150
2	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required. Make: Plaza/ KEI/ Anchor/SCI					
	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	30	371	Rupees Three Hundred Seventy One Only	Per metre	11130
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	34	443	Rupees Four Hundred Forty Three Only	Per metre	15062
	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	2	618	Rupees Six Hundred Eighteen Only	Per metre	1236
4	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: Plaza/ KEI/ Anchor/SCI.					
i	3x2.5 Sq. mm.	5	161	Rupees One Hundred Sixty One Only	Per metre	805

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 FRLSont including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required. Make: Anchor (Panta)/SSK(Touch)	3	273	Rupees Two Hundred Seventy Three Only	Each	819
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 FRLSont 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. Make: Anchor (Panta)/SSK(Touch)	4	456	Rupees Four Hundred Fifty Six Only	Each	1824
7	Supplying and fixing metal box of 200mm X 150mm X 75mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLSont including providing and fixing 3 nos. 3 pin 5/6 amps piano type socket outlets and 3 nos 5/6 amps piano type switches, connection etc. as required. Make: Anchor (Panta)/SSK(Touch)	1	536	Rupees Five Hundred Thirty Six Only	Each	536
8	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. Make: BEC/ Diplast/ PolyFit. 25 mm. dia					
9	Supplying and fixing call bell / buzzer, suitable for D.C./A.C. single phase, 230 volts complete as required:- Make: Anchor (Panta)/SSK(Touch)	12	106	Rupees One Hundred Six Only	Per mtr	1272
10	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:- Make:-Usha/Orient/Crompton	1	182	Rupees One Hundred Eighty Two Only	Each	182
	Exhaust Fan, Light duty, (Domestic) 300 mm sweep	1	2134	Rupees Two Thousand One Hundred Thirty Four Only	Each	2134

11	Providing installation, Testing and commissioning of Ceiling Fan with step electronic fan regulator paino type, including wiring the down rod of standred length (up to 30 Cm) with 16/0.20 mm twin twisted flexible, cotton braided cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required.			No Rupees Only		0
	1400 mm sweep Make:- Bajaj (Speedter 3 Star)	3	3058	Rupees Three Thousand Fifty Eight Only	Each	9174
13	Providing and fixing decorative extruded tube fixture having high quality design suitable for 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 20 Watt complete with all accessories, connections, testing and commissioning etc. as required.					
	Make:-Panasonic/Bajaj/Wipro.					
i	LED Tube Fixture 22Watt (L x W:1135 x22mmHeight:37mm)					
	Cat No: BCLAB 20W LED P	4	982	Rupees Nine Hundred Eighty Two Only	Each	3928
14	Supplying and fixing surface mounting following size LED solution suitable for surface application with the use of the latest technology 12/18 Watt (1200/1800 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.including 5 year warrenty as required.					
	Make:-Panasonic/Bajaj/ Wipro					
	LED 12 Watt Square (L x W: 175 mm x 175MM. Height: 35 mm) Cat no. LNRO02S012SC	2	786	Rupees Seven Hundred Eighty Six Only	Each	1572

	Providing and fixing Bulk Head Fitting with high efficacy 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, including one no. tube rod 20 Watt complete with all accessories, connections, testing and commissioning etc. including 5 year warranty as required.as Make: Jaquar/Panasonic/ Wipro,Philips					
	LED Bulk head 10Watt Cat No: BIBWP 10W LED	3	1331	Rupees One Thousand Three Hundred Thirty One Only	Each	3993
15	Providing and fixing decorative extruded tube fixture having high quality design suitable for LED tube up to 10Watt (Mirror Light)(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, including one no. tube rod 20 Watt complete with all accessories, connections, testing and commissioning etc. as required. Make- Panasonic,Bajaj/Wipro					
	Mirror lightLED 10Watt	1	534	Rupees Five Hundred Thirty Four Only	Each	534
i	Cat No: LL20-111-111-XXX-65NE3					
16	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:- Make: Anchor, Legrand, Schneider.					
ii	Double door-12 way	1	2171	Rupees Two Thousand One Hundred Seventy One Only	Each	2171

17	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 connections, testing and commissioning etc. as required. Make: Anchor, Legrand, Schneider.	7	249	Rupees Two Hundred Forty Nine Only	Each	1743
18	Supplying and fixing 40 Amps. rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamps in the existing MCB DB complete with connections, testing and commissioning etc. as required:- Cat-A. Make: Anchor, Legrand, Schneider.	1	2554	Rupees Two Thousand Five Hundred Fifty Four Only	Each	2554
19	Supplying and fixing 40 Amps. rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required : Cat-A. Make: Anchor, Legrand, Schneider.	1	436	Rupees Four Hundred Thirty Six Only	Each	436
20	Earthing with G.I. earth plate 600 mmx600 mmx 6 mm thick, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required.	1	8305	Rupees Eight Thousand Three Hundred Five Only	Set	8305
21	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required	15	39	Rupees Thirty Nine Only	Per metre	585
	Total					94145

best schedule of quantity checked and approved for ₹ 94145 only

K. S. S. S.
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK:-Replacement of existing old and damaged Campus Lighting into new one in the HPPWD Rest House at Sihunta in Tehsil Bhattiyat and District Chamba (H.P.).		Job No. 3	ESTIMATED COST: Rs.90,713/-only. EARNEST MONEY: Rs.1900/-only TIME ALLOWED: Three Months			
Sr. No.	DESCRIPTION	QTY.	FIGURES	RATES		AMOUNT
				WORDS	UNIT	
1	Supplying and fixing of ruby Small LED Post Top fixture of following capacity are made of Die cast alum. housing with three nos. die cast aluminium 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:-					
i	RUBY Small-40W LED	5	15012	Rupees Fifteen Thousand Twelve Only	Each	75060
2	Makes: Twinkle LuxMax/K-Lite/Bajaj 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.Make:- KEI/Anchor/Plaza/SCI					
i	Armoured cable 6sq. mm (twin core)	25	478	Rupees Four Hundred Seventy Eight Only	R.Mtr.	11950
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:- KEI/Anchor/Plaza/SCI					
i	PVC insulated HRFR LS Copper conductor 1.5 Sq. mm. 3x1.5 Sq. mm.	14	111	Rupees One Hundred Eleven Only	Meter	1554

4	Supplying and fixing modular 6 way bell indicator with buzzer, name plate including the cost of surface plastic gang box and cover plates with mounting frames suitable to operate on 230 volts A.C supply complete with all accessories, connection, testing and commissioning etc. as required complete in all respect.	1	2149	Rupees Two Thousand One Hundred Forty Nine Only	Each	2149
	Makes:- Gold Medal (Cat No. 106567)/Bajaj/SSK.					
	Total					90713

draft schedule of quantity checked and approved for 90713 only

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY						
NAME OF WORK :- Annual Repair and Maintenance of Tower type Air conditioning units in ICU, Ward I,II and split AC units in Dr. Duty room etc. installed in New Makeshift COVID Hospital Dr. RPGMC Kangra at Tanda for the year 2023-24.		Job No 41		ESTIMATED COST: Rs.2,36,000/-only. EARNEST MONEY: Rs.4800/-only TIME ALLOWED: One Year		
SR. NO.	DESCRIPTION	QTY.	FIGURES	RATES	UNIT	AMOUNT
				WORDS		
1	Repair & Maintenance (Routine and Preventive) of Tower Type Air-Conditioning Units 2.0/ 3.8 T.R. capacity (Panasonic/Daikin make) Hot & Cold including maintenance of accessories extra copper pipes with sleeves, wire, insulation and battens etc. with Drain Pipe, servicing, cleaning the Air filters, cleaning of condenser coil, evaporator unit, checking all cards/motors, charging/topping up of refrigerant R-410A/R-32 Gas when required throughout the year, but excluding the replacement of the compressor of A.C. Units. The repair and maintenance has been done as per instructions and directions to the best satisfaction of Engineer-in-charge.					
1.1	Tower Type 2.0 T.R	5	9300	Rupees Nine Thousand Three Hundred Only	Each	46500
1.2	Tower Type 3.8 T.R	8	19900	Rupees Nineteen Thousand Nine Hundred Only	Each	159200
2	Repair & Maintenance (Routine and Preventive) of Split / window type Air-Conditioning Units of following capacity 2 T.R /1.5 T.R. capacity (LG/Panasonic/Voltas make) Hot & Cold including accessories extra copper pipes with sleeves, wire, insulation and battens etc. with Drain Pipe, servicing, cleaning the filters, charging/topping up of refrigerant/R-22 Gas when required throughout the year, but excluding the replacement of the compressor of A.C. Units. The repair and maintenance has been done as per instructions and directions to the best satisfaction of Engineer-in-charge.					

2.1	Split type A.C 1.5 T.R capacity	3	4300	Rupees Four Thousand Three Hundred Only	Each	12900
2.2	split type A.C 2.0 T.R capacity	2	4500	Rupees Four Thousand Five Hundred Only	Each	9000
2.3	window type A.C 2.0 T.R/1.5 T.R capacity	2	4200	Rupees Four Thousand Two Hundred Only	Each	8400
	Total					236000

Boat schedule of quantity checked and approved for 23,60,000 only

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- Replacement of old and damaged FTL fixtures with LED fixtures in Entrance Area, Edusat Hall, Reading Room, Book Section, Archive Room in Ground Floor of Central library at Dr. RPGMC Kangra at Tanda Distt. Kangra (H.P.)		Job No 5		ESTIMATED COST: Rs.3,64,753/-only. EARNEST MONEY: Rs.7300/-only TIME ALLOWED: Six Months		
				RATES		AMOUNT
				FIGURES	WORDS	
SR. NO.	DESCRIPTION	QTY.			UNIT	
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	2x1.5 Sq. mm.	15	212	Rupees Two Hundred Twelve Only	P/Mtr	3180
1.2	2x4 Sq. mm.	20	348	Rupees Three Hundred Forty Eight Only	P/Mtr	6960
2	(Make:-KEI / Anchor / Plaza/SCI) 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.	3	582	Rupees Five Hundred Eighty Two Only	Each	1746
3	Makes:- L&T/Legrand/Schneider/Anchor 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.	1	750	Rupees Seven Hundred Fifty Only	Each	750
	Makes:- L&T/Legrand/Schneider/Anchor					

4	Providing, Installation, testing and commissioning of ceiling fan with two module modular step type electronic fan 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. with Not Less than 3 rated star						
4.1	Ceiling Fan 1200 mm sweep, Category-A	2	3191	Rupees Three Thousand One Hundred Ninety One Only	Each	6382	
5	Makes:- Usha Technix Plus 3 Star/ Bajaj/ Crompton. Supplying and fixing surface mounting 2'x2' size LED solution suitable for surface application with the use of the latest technology 36 Watt (3360 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 > 80 , suitable for input voltage AC 220-240V, 50/60 Hz complete with all accessories, connections, testing and commissioning etc.as required with 5 years warranty.						
5.1	36 Watt LED, 2'x2' Panel	17	4834	Rupees Four Thousand Eight Hundred Thirty Four Only	Each	82178	
6	Makes: Wipro CRCO10S038HP57G1L1/ Bajaj/ Philips Providing and installation of LED fixtures 18 W +/- 1 W LED round/Square surface mounted downlighter with minimum system lumenefficacy of 85 lm/W with and PF >0.95 with THD $<20\%$, CCT 6000K, CRI 80 the LED with useful life of 50000Hrs. At L70. The input voltage range shall be 150 V as required complete with connections testing etc.with 5 years warranty.						
6.1	18 Watt LED, fixture round / square	14	2350	Rupees Two Thousand Three Hundred Fifty Only	Each	32900	

7	Make: Wipro / Havells/ Bajaj Providing and fixing of LED Bulkhead 10W +/- 1W with minimum system lumen efficacy of 100 lm/W with and P.F. >0.95 with THD<10%, CCT 5700 K, CRI 70, surge protection 4 kV. The LED with useful life of 50000 hrs. at L70. The input voltage range shall be 150V to 270V as required with 5 years warranty.							
7.1	LED Bulk Head 10 Watt	9	1432	Rupees One Thousand Four Hundred Thirty Two Only	Each	12888		
8	Makes: Wipro/ Bajaj/ Philips Providing and fixing decorative extruded tube fixture having high quality design suitable for LED tube up to 18Watt (1800 lumen) 6500K and it should be compatible with specifications i.e. power factor ≥ 0.9, harmonic distortion ≤ 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 with 5 years warranty.							
8.1	18 Watt LED Tube fixture with rod	24	1508	Rupees One Thousand Five Hundred Eight Only	Each	36192		
9	Makes: Havells/ Bajaj/ Wipro Providing and installation of LED fixture 1200mm x 300mm, 36W +/- 1W surface mounted with PMMA diffuser with having minimum system lumen efficacy of 100 lm/W with CRCA housing and P.F. >0.95 with THD<10%, CCT 5700 K, 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 to 270V as required with 5 years warranty.							

9.1	36 Watt Surface mounted Panel-1'X4'	20	6219	Rupees Six Thousand Two Hundred Nineteen	Each	124380
	Makes: Wipro/ Bajaj/ Havells					
10	Providing, Installation, testing and commissioning of wall fan of following size by means of Suitable rag-bolt/ nuts, connections, testing and commissioning etc. as required complete in al respects to the best satisfaction of Engineer-in-charge.					
10.1	Wall fan 450 mm Air Circulator Heavy duty	7	8171	Rupees Eight Thousand One Hundred Seventy One Only	Each	57197
	Makes: Havells/ Bajaj/ Crompton					
	Total					364753

Doctt Schedule of quantity checked and approved for ₹ 364753 only

K. S. S. S.
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :-C/O One No. Room in Govt Sen. Sec. School at Kosari in Teshil Jaisinghpur Distt. Kangra (H.P.) (Sh:- Pdgs. E.I therein)				Job No 		ESTIMATED COST: Rs.80,750/-only. EARNEST MONEY: Rs.1700/-only TIME ALLOWED: Two Months	
SR. NO.	DESCRIPTION	QTY.	FIGURES	RATES		UNIT	AMOUNT
				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 steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.						
	Group C.	13	1824	Rupees One Thousand Eight Hundred Twenty Four Only		Per point.	23712
	SCI/KEI/Plaza make						
2	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way 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.						
	Group C.	1	1894	Rupees One Thousand Eight Hundred Ninety Four Only		Per point.	1894
	SCI/KEI/Plaza make						
3	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required						
	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	15	395	Rupees Three Hundred Ninety Five Only		P/Mtr.	5925
	SCI/KEI/Plaza make						
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						

	3X2.5 sqmm		12	171	Rupees One Hundred Seventy One Only	P/Mtr.	2052
	SCI/KEI/Plaza make						
5	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	12	473		Rupees Four Hundred Seventy Three Only	P/Mtr.	5676
	SCI/KEI/Plaza make						
7	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						
	2X6 sqmm+1X6 sq mm earth wire	2	657		Rupees Six Hundred Fifty Seven Only	P/Mtr.	1314
	SCI/KEI/Plaza make						
8	Supplying and fixing suitable size G I 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 5/6 amps, modular switch, connections etc. as required.	1	582		Rupees Five Hundred Eighty Two Only	Each.	582
	Make :-L&T,Legrend,Schenider						
9	Supplying and fixing suitable size G I box with modular plate and cover in front on surface or in recess including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required.	1	750		Rupees Seven Hundred Fifty Only	Each.	750
	Make :-L&T,Legrend,Schenider						
10	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. with Not Less than 3 rated star						
	Ceiling Fan 1200 mm sweep, Category-A	4	2791		Rupees Two Thousand Seven Hundred Ninety One Only	Each	11164
	Makes :-Ceiling Fan 1200 mm sweep, Category-A usha Technix Plus 3 Star,Philips,Bajaj						

12	Providing and installation of IP65 LED fixture 20 W +/- 1 W LED with surface Surface Mounted 4 feet Batten fixture with system with efficacy 100 lm/W with Aluminium housing and P. F $\geq$ 0.95 with THD <20%, CCT 6000 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 . with 5 year warranty.							
	LED Batten light 20 W	6	761	Rupees Seven Hundred Sixty One Only	Each	4566		
	Makes :-Wipro (Cat. No. LL20-281-XXX-ALI) Phillips/ Bajaj							
13	Providing and installation of LED Fixture 15W+/- 1W with LEDround surface mounted Downlighter round shape with minimum system lumen efficacy of 85lm/W with and P.F > 0.95 WITH THD, <20% , CCT 6000 K, CRI 80, The LED with uses full life of 50000 Hrs. at L70. . The Input voltage range shall be 150v to 270v. with 5 year warranty.							
	Square/round LED Panel Light 15 Watt	4	1904	Rupees One Thousand Nine Hundred Four Only	Each	7616		
	Wipro Cat No. Ld80-171-XXX-60-SM 1/Phillips/ Bajaj							
14	Supplying and fixing of 6 amps. to 32 amps. rating, 240/415 volts,10 kA 'C' curves, miniature circuit breaker suitable for inductive load of following poles in the existing miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections testing and commissioning etc. as required:-							
	6 Amp Single pole. Cat-A.	2	265	Rupees Two Hundred Sixty Five Only	Each	530		
	16 Amp Single pole. Cat-A.	1	265	Rupees Two Hundred Sixty Five Only	Each	265		
	Make :-L&T,Legrend,Schenider							
15	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.							
	40 Amps. Cat-A.	1	488	Rupees Four Hundred Eighty Eight Only	Each	488		

16	Make :-L&T,Legrend,Schenider Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliampers in the existing MCB DB complete with connections, testing and commissioning etc. as required.							
	40 Amps. Cat-A.	1	2715	Rupees Two Thousand Seven Hundred Fifteen Only	Each	2715		
17	Make :-L&T,Legrend,Schenider 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:-							
	Double door-12 way	1	2309	Rupees Two Thousand Three Hundred Nine Only	Each	2309		
18	Make :-L&T,Legrend,Schenider Earthing with G.I earthing plate 600mmx600mmx3mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. etc. (with charcoal or coke and salt) complete as required.	1	8592	Rupees Eight Thousand Five Hundred Ninety Two Only	Per set	8592		
19	Supplying and fixing 8 SWG G.I wire at 0.50 mtr. Below ground level for earthing electrode conductor including soldering etc. as required.	15	40	Rupees Forty Only	P/Mtr.	600		
	Total					80750		

Draft Schedule of quantity checked and approved for 80750 only

Handwritten Signature
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY						
NAME OF WORK :-C/O Panchayat Community Centre (Panchayat Ghars) Gram Panchayat (Ground Floor) Badhhwar. Dev Block Sullah Distt. Kangra (H.P.)(Sh:- Providing E.I Therein)			Job No 4 7	ESTIMATED COST: Rs.99,685/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED: One Year		
SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required. Make :- SCI/KEI/Plaza					
	Group B.	19	1470	Rupees One Thousand Four Hundred Seventy Only	Per Point	27930
2	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:- with 5 year warranty.					
	Ceiling Fan 1200 mm sweep, Category-A	6	2791	Rupees Two Thousand Seven Hundred Ninety One Only	Each	16746
	Make :- Ceiling Fan 1200 mm sweep, Category-A Usha/Technix Plus 3 star ,Philips/Bajaj with Not Less than 3 rated star					

3	Supplying and fixing suitable size GI box with modular plate and cover in front on surface of in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	5	582	Rupees Five Hundred Eighty Two Only	Each	2910
	Make:- L&T/Legrand Schneider					
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	5	750	Rupees Seven Hundred Fifty Only	Each	3750
	Make:- L&T/Legrand Schneider					
5	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:- Make:- GoldMedal /SSK/Anchor	1	187	Rupees One Hundred Eighty Seven Only	Each	187
6	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.HRFLS/PVC insulated single core copper conductor cable of same size for earthing as required. 2x2.5 Sq. mm.					
	2x4.0 Sq. mm.	15	395.00	Rupees Three Hundred Ninety Five Only	Per Mtr.	5925
	2x6 Sq. mm.	21	473.00	Rupees Four Hundred Seventy Three Only	Per Mtr.	9933
	2x6 Sq. mm.	0.5	657.00	Rupees Six Hundred Fifty Seven Only	Per Mtr.	329
	Make :- SCI/KEI/Plaza					
7	Wiring for power plug with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No.4 Sq.mm. HRFLS/PVC insulated single core copper conductor cable for earthing as required.	20	755	Rupees Seven Hundred Fifty Five Only	Per Mtr.	15100

	Make :- SCI/KEI/Plaza						
8	Supplying and fixing of 6 amps. to 32 amps. rating, 240/415 volts, 10 KA 'C' curves, miniature circuit breaker suitable for inductive load of following poles in the existing miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections testing and commissioning etc. as required:-	7	265	Rupees Two Hundred Sixty Five Only	Each	1855	
	6-32 Amp Single pole. Cat-A						
	Make:- L&T/Legrand /Schneider						
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.						
	40 Amps. Cat-A.	1	488	Rupees Four Hundred Eighty Eight Only	Each	488	
	Make:- L&T/Legrand Schneider						
10	Earthing with G.I earth plate 600mmx600mmx3mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. (with charcoal or coke and salt) complete as required.	1	8592	Rupees Eight Thousand Five Hundred Ninety Two Only	Pset	8592	
15	Providing and laying earthing connection from earth electrode with 4.00 mm dia G.I. wire in 15mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	13	40	Rupees Forty Only	Pset	520	
11	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, neutral link, earth bar, din-bar, interconnections, powder painted, including earthing etc. as required:- (But without MCB/RCCB/Isolator).						
	Double door-12 way	1	2309	Rupees Two Thousand Three Hundred Nine Only	Each	2309	
	Make:- L&T/Legrand Schneider						
12	Supplying and fixing bakelite batten/angle holder including connections etc. as required:- Make:- GoldMedal /SSK/Anchor	9	92	Rupees Ninety Two Only	Each	828	

13	supplying and fixing type of Surface mounted luminaire, white power coated CRCA housing diffuser to avoid glare, it should be compatible with specification i.e. Power Factor>0.9, Harmonic Distortion< 10% and efficacy> 100 lumens per watt, CRI rating>70 Suitable for input voltage AC 220-240 V, 50 Hz, Complete with all accessories, connections, testing and commissioning etc. as required with 5 years warranty.						
	LED Batten light 20W	3	761	Rupees Seven Hundred Sixty One Only	Each	2283	
	Make :- Wipro Cat. No. LL20-281-XXX-AL1/Phillips/Bajaj.						
	Total					99685	

Draft Schedule of quantity checked and approved for 29685 only

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :-Repair & Maintenance of Service lift installed in Service Block of 500 bedded Hospital Dr. RPGMC Kangra at Tanda).		Job No 8	ESTIMATED COST: Rs.4,68,705/-only. EARNEST MONEY: Rs.9400/-only TIME ALLOWED: Six Months			
			QTY.	FIGURES	RATES	
					WORDS	UNIT
SR. NO.	DESCRIPTION					AMOUNT
1	Supplying, fixing, testing and commissioning of landing door outer replacement at 6 floors (Basement to 4th floor) as required complete in all respects to the best satisfaction of Engineer-in-charge.	6	40019	Rupees Forty Thousand Nineteen Only	Each	240114
2	Supplying, fixing, testing and commissioning of car door replacement as required complete in all respects to the best satisfaction of Engineer-in-charge.	1	47295	Rupees Forty Seven Thousand Two Hundred Ninety Five	Each	47295
3	Supplying, fixing, testing and commissioning of landing Door contactor as required complete in all respects to the best satisfaction of Engineer-in-charge.	7	4366	Rupees Four Thousand Three Hundred Sixty Six Only	Each	30562
4	Supplying, fixing, testing and commissioning of landing operating panel as required complete in all respects to the best satisfaction of Engineer-in-charge.	6	2789	Rupees Two Thousand Seven Hundred Eighty Nine Only	Each	16734
5	Supplying, fixing, testing and commissioning service charges as required complete in all respects to the best satisfaction of Engineer-in-charge.	1	65000	Rupees Sixty Five Thousand Only	P/Job	65000
6	Regular examination, lubrication and Adjustment of the equipment and planned maintenance in the systematic manner for one year as required complete in all respects.	1	69000	Rupees Sixty Nine Thousand Only	P/Job	69000
	Total					468705

Draft Schedule of quantity checked and approved for Rs. 4,68,705 only


 Executive Engineer
 Electrical Division
 HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK:- Providing Air conditioner and Ceiling fan, Wall fan B&R Division at HPPWD Chowari in Tehsil Bhattiyat Distt. Chamba (H.P.)		Job No	ESTIMATED COST: Rs.1,09,756/-only. EARNEST MONEY: Rs.2200/-only TIME ALLOWED: Six Months			
			QTY.	FIGURES	RATES WORDS	UNIT AMOUNT
1	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required. Make:- KEI/Anchor/ Piazza/SCI					
i	2x4.0 Sq. mm.		18 ✓	471 ✓	Rupees Four Hundred Seventy One Only	Per metre 8478 ✓
2	Providing and installation ,testing and commissioning of wall fan of following size by means of suitable rag-bolt/nuts, connections, testing and commissioning etc. as required complete in all respect to the best satisfaction of Engineer-in-charge. Make:-Usha/Bajaj/Anchor					
i	Wall Fan, 400 mm sweep		3 ✓	3032 ✓	Rupees Three Thousand Thirty Two Only	Each 9096 ✓
3	Providing installation, Testing and commissioning of Ceiling Fan with step electronic fan regulator paino type, including wiring the down rod of standard length (up to 30 Cm) with 16/0.20 mm twin twisted flexibile, cotton braided cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required.With Not Less than 3 rated star.					
i	1200 mm sweep Make:- Usha (Technix Plus 3 Star) / (Bajaj (Kassels 50 ISI) Crompton		4 ✓	3191 ✓	Rupees Three Thousand One Hundred Ninety One Only	Each 12764 ✓

4	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:- Legrand (Myrius)Schneider(Livia)/Anchor Roma (Plus)	1	775	Rupees Seven Hundred Seventy Five Only	Each	775
5	Supplying, installation testing and commissioning of 1.5 Ton capacity inverter split type (Hot & Cold) Air Conditioning unit of following make confirming to I.S.I.-1391 Established since 1884 with ammendment No.1(except power consumption norms) fitted with hermetically shielded air compressor as required complete in all respects:-					
	1.50 Ton capacity split type (Hot & Cold) Air Conditioning unit.	1	65538	Rupees Sixty Five Thousand Five Hundred Thirty Eight Only	Each	65538
	Make:- Daikin (HOT & Cold) Inverter split type (Model No: FTKL50)/Voltas/O-General/Mitusubshi					
6	Supplying and fixing wall mounting voltage stablizer 4 KVA (V-Guard Make) automatic type with output 240 Volts,voltage regulator range from 150 Volt to 290 Volts amd auto cut of beyond this range and time delay operation for surges and flutations suitable for 1.5 Ton capacity split AC making connection etc. as required.					
1	V-Guard stablizer 150-290V.	1	4930	Rupees Four Thousand Nine Hundred Thirty Only	Each	4930
	Make:-V-Guard (CAT No: VND400) Upto to 1.5ton AC./wirlpool/Godrej					

7	Providing and installation of copper pipe of size (1/2"x1/4") suitable for 1.50 Ton A.C. with insulation held properly by means of clamps and making good the damages complete in all respects as required at the site.	5	1250	Rupees One Thousand Two Hundred Fifty Only	Per mtr.	6250
8	Providing and installation of Stand suitable for hanging 1.5 Ton A.C. out door unit including embedding bolts in the wall and making good the damages complete in all respects as required at the site.	1	950	Rupees Nine Hundred Fifty Only	Per job	950
9	Providing and installation of PVC drain pipe of size (25mm dia) with elbow and tee held properly by means of clamps and making good the damages complete in all respects as required at the site.	5	195	Rupees One Hundred Ninety Five Only	Per mtr.	975
	Total					109756

Draft Schedule of quantity checked and approved for ₹ 109756/- by

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY						
NAME OF WORK :-C/O Panchayat Community Centre (Panchayat Ghars) Gram Panchayat (Ground Floor) Khaira Baluhi .Dev Block Sullah Distt. Kangra (H.P.)(Sh:- Providing E.I Therein)			Job No 10 10		ESTIMATED COST: Rs.99,685/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED: One Year	
SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required. Make :- SCI/KEI/Plaza					
	Group B.	19	1470	Rupees One Thousand Four Hundred Seventy Only	Per Point	27930
2	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:- with 5 year warranty.					
	Ceiling Fan 1200 mm sweep, Category-A	6	2791	Rupees Two Thousand Seven Hundred Ninety One Only	Each	16746
	Make :- Ceiling Fan 1200 mm sweep, Category-A Usha/Technix Plus 3 star ,Philips/Bajaj with Not Less than 3 rated star					
3	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	5	582	Rupees Five Hundred Eighty Two Only	Each	2910

	Make:- L&T/Legrand Schneider Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	5	750	Rupees Seven Hundred Fifty Only	Each	3750
4						
	Make:- L&T/Legrand Schneider Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:- Make:- GoldMedal /SSK/Anchor	1	187	Rupees One Hundred Eighty Seven Only	Each	187
5						
	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No. HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required.					
6						
	2x2.5 Sq. mm.	15	395.00	Rupees Three Hundred Ninety Five Only	Per Mtr.	5925
	2x4.0 Sq. mm.	21	473.00	Rupees Four Hundred Seventy Three Only	Per Mtr.	9933
	2x6 Sq. mm.	0.5	657.00	Rupees Six Hundred Fifty Seven Only	Per Mtr.	329
	Make :- SCI/KEI/Plaza Wiring for power plug with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No. 4 Sq. mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required.					
7		20	755	Rupees Seven Hundred Fifty Five Only	Per Mtr.	15100
	Make :- SCI/KEI/Plaza					

8	Supplying and fixing of 6 amps. to 32 amps. rating, 240/415 volts, 10 KA 'C' curves, miniature circuit breaker suitable for inductive load of following poles in the existing miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connection's testing and commissioning etc. as required:-	7	265	Rupees Two Hundred Sixty Five Only	Each	1855
	6-32 Amp Single pole. Cat-A					
	Make:- L&T/Legrand /Schneider					
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.					
	40 Amps. Cat-A.	1	488	Rupees Four Hundred Eighty Eight Only	Each	488
	Make:- L&T/Legrand Schneider					
10	Earthing with G.I earth plate 600mmx600mmx3mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. (with charcoal or coke and salt) complete as required.	1	8592	Rupees Eight Thousand Five Hundred Ninety Two Only	Pset	8592
15	Providing and laying earthing connection from earth electrode with 4.00 mm dia G.I. wire in 15mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	13	40	Rupees Forty Only	Pset	520
11	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, neutral link, earth bar, din-bar, interconnections, powder painted, including earthing etc. as required:- (But without MCB/RCCB/Isolator).					
	Double door-12 way	1	2309	Rupees Two Thousand Three Hundred Nine Only	Each	2309
	Make:- L&T/Legrand Schneider					

12	Supplying and fixing bakelite batten/angle holder including connections etc. as required:- Make:- GoldMedal /SSK/Anchor	9	92	Rupees Ninety Two Only	Each	828
13	supplying and fixing type of Surface mounted luminaire, white power coated CRCA housing diffuser to avoid glare, it should be compatible with specification i.e. Power Factor>0.9, Harmonic Distortion< 10% and efficacy> 100 lumens per watt, CRI rating>70 Suitable for input voltage AC 220-240 V, 50 Hz, Complete with all accessories, connections, testing and commissioning etc. as required with 5 years warranty.					
	LED Batten light 20W	3	761	Rupees Seven Hundred Sixty One Only	Each	2283
	Make :- Wipro Cat. No. LL20-281-XXX-AL1/Phillips/Bajaj.					
	Total					99685

Deptt Schedule of quantity checked and approved for 99685 only

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :-C/O Panchayat Community Centre (Panchayat Ghars) Gram Panchayat (Ground Floor) Devi Block Sullah Distt. Kangra (H.P.)(Sh:- Providing E.I Therein)		Job No 11	ESTIMATED COST: Rs.99,685/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED: One Year		
SR. NO.	DESCRIPTION	QTY.	RATES		AMOUNT
			FIGURES	WORDS	
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required. Make :- SC/KEI/Plaza				
	Group B.	19	1470	Rupees One Thousand Four Hundred Seventy Only	Per Point 27930
2	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:- with 5 year warranty.				
	Ceiling Fan 1200 mm sweep, Category-A	6	2791	Rupees Two Thousand Seven Hundred Ninety One Only	Each 16746
	Make :- Ceiling Fan 1200 mm sweep, Category-A Usha/Technix Plus 3 star ,Philips/Bajaj with Not Less than 3 rated star				

3	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	5	582	Rupees Five Hundred Eighty Two Only	Each	2910
	Make:- L&T/Legrand Schneider					
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	5	750	Rupees Seven Hundred Fifty Only	Each	3750
	Make:- L&T/Legrand Schneider					
5	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:- Make:- GoldMedal /SSK/Anchor	1	187	Rupees One Hundred Eighty Seven Only	Each	187
6	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required.					
	2x2.5 Sq. mm.	15	395.00	Rupees Three Hundred Ninety Five Only	Per Mtr.	5925
	2x4.0 Sq. mm.	21	473.00	Rupees Four Hundred Seventy Three Only	Per Mtr.	9933
	2x6 Sq. mm.	0.5	657.00	Rupees Six Hundred Fifty Seven Only	Per Mtr.	329
	Make :- SCI/KEI/Plaza					
7	Wiring for power plug with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No.4 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required.	20	755	Rupees Seven Hundred Fifty Five Only	Per Mtr.	15100

	Make :- SCL/KEI/Plaza							
8	Supplying and fixing of 6 amps. to 32 amps. rating, 240/415 volts, 10 KA 'C' curves, miniature circuit breaker suitable for inductive load of following poles in the existing miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections testing and commissioning etc. as required:-	7	265	Rupees Two Hundred Sixty Five Only	Each	1855		
	6-32 Amp Single pole. Cat-A							
	Make:- L&T/Legrand /Schneider							
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.							
	40 Amps. Cat-A.	1	488	Rupees Four Hundred Eighty Eight Only	Each	488		
	Make:- L&T/Legrand Schneider							
10	Earthing with G.I earth plate 600mmx600mmx3mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. (with charcoal or coke and salt) complete as required.	1	8592	Rupees Eight Thousand Five Hundred Ninety Two Only	Pset	8592		
15	Providing and laying earthing connection from earth electrode with 4.00 mm dia G.I. wire in 15mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	13	40	Rupees Forty Only	Pset	520		
11	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, neutral link, earth bar, din-bar, interconnections, powder painted, including earthing etc. as required:- (But without MCB/RCCB/Isolator).							
	Double door-12 way	1	2309	Rupees Two Thousand Three Hundred Nine Only	Each	2309		
	Make:- L&T/Legrand Schneider							
12	Supplying and fixing bakelite batten/angle holder including connections etc. as required:- Make:- GoldMedal /SSK/Anchor	9	92	Rupees Ninety Two Only	Each	828		

13	supplying and fixing type of Surface mounted luminaire, white power coated CRCA housing diffuser to avoid glare, it should be compatible with specification i.e. Power Factor > 0.9, Harmonic Distortion < 10% and efficacy > 100 lumens per watt, CRI rating > 70 Suitable for input voltage AC 220-240 V, 50 Hz, Complete with all accessories, connections, testing and commissioning etc. as required with 5 years warranty.						
	LED Batten light 20W	3	761	Rupees Seven Hundred Sixty One Only	Each	2283	
	Make :- Wipro Cat. No. LL20-281-XXX-AL1/Phillips/Bajaj.						
	Total					99685	

Draft Schedule of quantity checked and approved for 99685 only

K. S. Srinivasan
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- Providing Campus Lighting & 1 No. Geyser in the Executive Engineer HPPWD at Dalhousie in Tehsil Dalhousie and District Chamba (H.P.).		Job No 12	ESTIMATED COST: Rs.1,64,233/-only. EARNEST MONEY: Rs.3300/-only TIME ALLOWED: Three Months			
			QTY.	FIGURES	RATES WORDS	UNIT AMOUNT
1	DESCRIPTION					
	Supplying and fixing of ruby Small LED Post Top fixture of following capacity are made of Die cast alum. housing with three nos. die cast aluminium 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:-	4	12540.00	Rupees Twelve Thousand Five Hundred Forty Only	Each	50160
	RUBY Small-40W LED					
	Makes: Twinkle LuxMax/Electrocine					
2	Supplying and erection of Steel Ribbed Poles- are combination of Galvanised Ribbed steel tubes having 105mm dia at bottom and 81mm dia at Top with cast alum. Embellishments-Q1. 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:-	4	18278.00	Rupees Eighteen Thousand Two Hundred Seventy Eight Only	Each	73112
	3 Mtr. - LuxMax-Steel Ribbed Pole - 105 -81 with EMB-Q1					
	Makes: Twinkle LuxMax/K-Lite/Bajaj					
3	Supplying and drawing following size of PVC insulated, flame retardant low smoke (FRLS) PVC insulated single core cable in existing surface / recessed, Steel/PVC conduit as required. Makes: Plaza/KEI/SCI	25	161.00	Rupees One Hundred Sixty One Only	Per Meter	4025
	3x1.5 Sq. mm.					

4	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. Makes: Plaza/KEI/SCI					
i	Armoured cable 6 sq. mm. (twin core)	60 ✓	302.00	Rupees Three Hundred Two Only	Per Meter	18120 ✓
5	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. Makes: Plaza/KEI/SCI					
i	Armoured cable 6 sq. mm. (twin core)	30 ✓	226.00	Rupees Two Hundred Twenty Six Only	Per Meter	6780 ✓
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:- Make:-Usha /Recold/Bajaj					
i	25 Liter capacity water heater (Cat-A)	1 ✓	9640	Rupees Nine Thousand Six Hundred Forty Only	Each	9640 ✓
7	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:- (Make:- L&T/ Legrand/ Schneider)					

i	Double door-4 way	1	1478	Rupees One Thousand Four Hundred Seventy Eight Only	Each	1478
8	Supplying and fixing 40 Amps. rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required : Cat-A. Make: L&T, Legrand, Schneider.	2	459	Rupees Four Hundred Fifty Nine Only	Each	918
	Total					164233

Draft Schedule of Quantity checked and approved for 164233/-

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :-Providing replacement of wiring and safety devices in Senior Civil Judge (ACJM) residence at Nurpur, Tehsil Nurpur, Distt. Kangra (HP)

ESTIMATED COST: Rs.2,66,897/-only.
EARNEST MONEY: Rs.5400/-only
TIME ALLOWED: Six Months

Job No
13

SR. NO.	DESCRIPTION	QTY.	FIGURES	RATES		UNIT	AMOUNT
					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 steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. Make: KEI/Plaza/Anchor/ Anchor (Roma Plus)/Schneider (Livia)/ Legrand (Myrius) /L&T(Entice)/SCI						
i)	Group C.	33	1823.00		Rupees One Thousand Eight Hundred Twenty Three Only	Point	60159
2	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way 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. Make: Make: KEI/Plaza/Anchor/ Anchor (Roma Plus)/Schneider (Livia)/ Legrand (Myrius) /L&T(Entice)/SCI.						
i)	Group C.	2	1894.00		Rupees One Thousand Eight Hundred Ninety Four Only	Point	3788
3	Wiring for light plug with 2x1.5 Sq. mm. FRLS PVC insulated copper conductor single core cable in surface/recessed steel conduit along with 1 No.1.5 Sq.mm. FRLS/PVC insulated copper conductor single core cable for loop earthing as required. Make: KEI/Plaza/Anchor/SCI	29	336.00		Rupees Three Hundred Thirty Six Only	Meter	9744

4	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/SCI							
i)	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	41.689	335.00	Rupees Three Hundred Thirty Five Only	Meter	13966		
ii)	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	10	793.00	Rupees Seven Hundred Ninety Three Only	Meter	7930		
5	Wiring for power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required. Make: KEI/Plaza/Anchor/SCI.	60	473.00	Rupees Four Hundred Seventy Three Only	Meter	28380		
6	Wiring for power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 2 Nos 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required. Make: KEI/Plaza/Anchor/SCI.	85	755.00	Rupees Seven Hundred Fifty Five Only	Meter	64175		
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. Make: KEI/Plaza/Anchor/SCI.							
i)	1x1.5 sq. mm	50	45.00	Rupees Forty Five Only	Meter	2250		
ii)	3 x 1.5 sq. mm	10	111.00	Rupees One Hundred Eleven Only	Meter	1110		
8	Supplying and fixing bakelite batten/angle holder including connections etc. as required. Make:- GoldMedal/SSK/Anchor	3	94.00	Rupees Ninety Four Only	each	282		
9	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.							

i)	Single pole (Make:- Schneider/ Legrand/L&T)	17	265.00	Rupees Two Hundred Sixty Five Only	each	4505
10	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
i)	63 Amps. (Make:- Schneider/ Legrand/L&T)	2	616.00	Rupees Six Hundred Sixteen Only	each	1232
11	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
i)	63 Amps. (Make:- Schneider/ Legrand/L&T)	2	3616.00	Rupees Three Thousand Six Hundred Sixteen Only	each	7232
12	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)					
i)	Double door-4 way (Make:- Schneider/ Legrand/L&T)	1	1572.00	Rupees One Thousand Five Hundred Seventy Two Only	each	1572
ii)	Double door-12 way (Make:- Schneider/ Legrand/L&T)	1	2309.00	Rupees Two Thousand Three Hundred Nine Only	each	2309
iii)	Double door-16 way (Make:- Schneider/ Legrand/L&T)	1	2954.00	Rupees Two Thousand Nine Hundred Fifty Four Only	each	2954
13	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	1	6188.00	Rupees Six Thousand One Hundred Eighty Eight Only	Set	6188

14	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required.	20	45.00	Rupees Forty Five Only	Meter	900
15	Supplying & fixing following type of LED Mirror Light luminaires, white power coated CRCA housing diffuser to avoid glare, it should be compatible with specification i.e. Power Factor > 0.9, Harmonic Distortion < 10% and efficacy ≥ 100 Lumens per watt, CRI rating > 70 suitable for input voltage: AC 220-240 V, 50 Hz, complete with all accessories, connections, testing and commissioning etc. as required. With 5 year warranty					
i)	LED Mirror Light 5 Watt (Make: Crompton Cat No. CCS-103-05-65-SL-DP-NWH)/Bajaj/Wipro	3	389.00	Rupees Three Hundred Eighty Nine Only	each	1167
16	Providing and fixing LED Bulk head of following rating and it should be compatible with specification i.e. Power Factor ≥ 0.9, Harmonic Distortion < 20% and efficacy ≥ 100 Lumens per watt, CRI rating > 70 suitable for input voltage: 220-240 V, 50 Hz, complete with all accessories, connections, testing and commissioning etc. as required. 5 year warranty					
i)	Bulk Head Light LED 10 W (Make:- Bajaj Cat no.BIBWP 10W LED)/Wipro/Panasonic.	3	1322.00	Rupees One Thousand Three Hundred Twenty Two Only	each	3966
17	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 (Make: Usha, Model: Aeroclean LD)/Bajaj (Model: Freshee)/Anchor (Model: Anmol).	3	2269.00	Rupees Two Thousand Two Hundred Sixty Nine Only	each	6807
18	Providing and installation of following type of Square/Round type surface mounted LED Downlight luminaire CCT(K)- 6000 white power coated CRCA housing diffuser to avoid glare with specifications i.e. Power factor > 0.9, Harmonic distortion < 10% and efficacy > 100 lumens per watt, CRI rating > 80 suitable for input voltage AC 220-240V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc. as required complete in all respects. 5 year warranty					

i)	LED Downlighter 15 watt (Jaquar cat no. LNRP02R01SC)/Bajaj/Crompton	1	1432.00	Rupees One Thousand Four Hundred Thirty Two Only	each	1432
19	Supplying & fixing following type of Surface mounted luminaires, white power coated CRCA housing diffuser to avoid glare, it should be compatible with specification i.e. Power Factor > 0.9, Harmonic Distortion < 10% and efficacy ≥ 100 Lumens per watt, CRI rating > 70 suitable for input voltage: AC 220-240 V, 50 Hz, complete with all accessories, connections, testing and commissioning etc. as required. 5 year warranty					
i)	LED Batten 20W, 4 feet long Make: (Make: Bajaj, cat no. BCCLAB 20W LED P)/ Philips/Panasonic.	8	975.00	Rupees Nine Hundred Seventy Five Only	each	7800
20	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 5/6 amps modular switch, connection etc. as required. Make: Anchor (Roma Plus)/Schneider (Livvia)/ Legrand (Myrius)/L&T(Entice).	10	582.00	Rupees Five Hundred Eighty Two Only	each	5820
21	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 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required. Make: Anchor (Roma Plus)/Schneider (Livvia)/ Legrand (Myrius)/L&T(Entice).	12	750.00	Rupees Seven Hundred Fifty Only	each	9000
22	Providing and fixing of LED 20 watt street light luminaries of Bajaj having cat No. ENXT P 20L WH PO PC SD, powder coated pressure die-cast aluminium heat sink and toughened glass SMD LED streetlight with heat resistant toughened glass it should be compatible with specification i.e. power factor ≥ 0.9, Harmonic Distortion < 10% and efficacy ≥ 100 Lumens per watt, CRI rating > 70 suitable for input voltage: AC 220-240 V, 50 Hz with all accessories, connections, testing and commissioning etc. as required. 5 year warranty					
i)	LED Street Light 20 W (Make:- Bajaj Cat no. ENXT P 20L WH PO PC SD)/Wipro/Panasonic.	2	2424.00	Rupees Two Thousand Four Hundred Twenty Four Only	each	4848

23	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:-					
i)	40 mm dia. G.I. pipe, heavy class	2	787.00	Rupees Seven Hundred Eighty Seven Only	each	1574
24	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 nos. 3 pin 5/6 amps modular socket outlets and 3 nos 5/6 amps modular switches, connection etc. as required. (For light plugs to be used in non residential buildings). Make: Anchor (Roma Plus)/Schneider (Livia)/ Legrand (Myrius)/L&T(Entice).	1	1366.00	Rupees One Thousand Three Hundred Sixty Six Only	each	1366
25	Providing and Fixing Following type of LED Wall bracket light coated CRCA Sheet steel housing, diffuser to avoid glare, should be compatible with specifications i.e. Power factor > 0.9, Harmonic distortion < 10% and efficacy > 100 Lumens per watt, CRI >80, suitable for Input voltage AC 220-240 V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc.as required complete in all respect.5 year warranty					
i)	Wall Bracket light 9 W x1 LED Makes:- Havells cat no. LHFOFUE1T21W012/Jaquar/Philips	5	612.00	Rupees Six Hundred Twelve Only	each	3060
26	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:- Make:- GoldMedal/SSK/Anchor	1	181.00	Rupees One Hundred Eighty One Only	each	181
27	Providing and fixing LED Bulb 9 watts to 10 watt, B22 base in the existing fixture as required complete in all respect. Make:- Osram/Philips/Bajaj	8	150.00	Rupees One Hundred Fifty Only	each	1200
	Total					266897

Draft Schedule of quantity checked and approved for 2,66,897 only

K. G. Reddy
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- C/O Rajeev Gandhi Govt. Engineering College at Nagrota bagwan Distt. Kangra H.P.(Sh:- Providing E.I. in Architecture Block therein)(Ground Floor R.H.S)		Job No 174		ESTIMATED COST: Rs.98,050/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED: Two Months		
SR. NO.	DESCRIPTION	QTY.	FIGURES	RATES	UNIT	AMOUNT
				WORDS		
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:-					
1.1.	25 mm. dia	370	265.00	Rupees Two Hundred Sixty Five Only	Per Meter	98050
	Make: BECIAKG/JPC/PolyFit					
	Total					98050

Draft Schedule of quantity checked and approved for 98050/- only

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- C/O Rajeev Gandhi Govt. Engineering College at Nagrota bagwan Distt. Kangra H.P.(Sh:- Providing E.I. in Architecture Block therein)(Ground Floor L.H.S)		Job No <u>15</u>		ESTIMATED COST: Rs.98,050/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED: Two Months		
SR. NO.	DESCRIPTION	QTY.	FIGURES	RATES		AMOUNT
				WORDS	UNIT	
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:-					
1.1	25 mm. dia	370	265.00	Rupees Two Hundred Sixty Five Only	Per Meter	98050
	Make: BEC/AKG/JPC/PolyFit					
	Total					98050

Draft Schedule of quantity checked and approved for 98050 only


 Executive Engineer
 Electrical Division
 HPPWD Palampur

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY						
NAME OF WORK :- Repair and maintenance of E.I. to the residential accommodation of Sr. Civil Judge-cum-JMFC Kangra at Old Kangra in Distt. Kangra (H.P.) (SH: Providing Ceiling fans, Wall fans, Exhaust fans, LEDs, Geyser, Street lights and wiring for UPS etc. therein)		Job No 16		ESTIMATED COST: Rs.1,06,422/-only. EARNEST MONEY: Rs.2200/-only TIME ALLOWED: One Month		
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 and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. (But without modular switch, modular plate and G.I. box) Make:- SCI/KEI/Plaza					
	Group B	7	889.00	Rupees Eight Hundred Eighty Nine Only	Point	6223
2	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.Make:- SCI/KEI/Plaza					
	2x4.0 Sq. mm.	42	348.00	Rupees Three Hundred Forty Eight Only	P/Mtr	14616
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.Make:- SCI/KEI/Plaza					
	3x1.5 Sq. mm.	85	111.00	Rupees One Hundred Eleven Only	P/Mtr	9435
4	Supplying and fixing following size/modules, GI box alongwith modular base & cover plate for modular switches in recess etc. as required. Make:- Anchor/ Legrand/L&T					
4.1	4 Module	2	438.00	Rupees Four Hundred Thirty Eight Only	Each	876

4.2	8 Module	1	659.00	Rupees Six Hundred Fifty Nine Only	Each	659
5	Supplying and fixing suitable size GI box with modular plate and cover in FRLS on surface or in recess including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. Make:- Anchor/ Legrand/L&T	3	582.00	Rupees Five Hundred Eighty Two Only	Each	1746
6	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 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required. Make:- Anchor/ Legrand/L&T	2	750.00	Rupees Seven Hundred Fifty Only	Each	1500
7	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:-					
	Exhaust Fan, light duty 300mm	2	2269.00	Rupees Two Thousand Two Hundred Sixty Nine Only	Each	4538
	Makes:- Usha/Crompton/Bajaj					
8	Providing, installation, testing and commissioning of wall fan of following size by means of suitable rag-bolt/ nuts, connections, testing and commissioning etc. as required complete in all respects to the best satisfaction of Engineer-in-charge.					
	Wall Mounting Fan 400mm	3	3032.00	Rupees Three Thousand Thirty Two Only	Each	9096
	Makes:- Usha/Crompton/Bajaj					
9	Providing, installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.					

	Ceiling Fan 1200 mm sweep	2	3191.00	Rupees Three Thousand One Hundred Ninety One Only	Each	6382
	Makes:- Usha (Model: Technix Plus 3 Star)/Bajaj/Havells with Not Less than 3 rated star					
10	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.					
	Stepped type Modular Fan regulator (2 module)	5	737.00	Rupees Seven Hundred Thirty Seven Only	Each	3685
	Makes:- L&T/ Schneider/ Legrand					
11	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.					
	25 Liter capacity water heater (Cat. A)	2	10250.00	Rupees Ten Thousand Two Hundred Fifty Only	Each	20500
	Makes:- Usha/Crompton/Bajaj.					
12	Providing and Fixing of IP20 LED Surface mounted CRCA Powder Coated Box Type Channel system with Pro LED Lamp Suitable for mounting 1 X 18 W LED Tube T8 type 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 complete with all accessories, including connections testing and commissioning etc.as required complete in all respects. with 5 year warranty.					
	LED fixture 1x18 Watt Surface Mounted 4 feet box type channel with Pro LED Lamp	4	1508.00	Rupees One Thousand Five Hundred Eight Only	Each	6032
	Makes:- Havells\Wipro\Bajaj					

13	Supplying and fixing LED lamp of 12 Watt having B-22 base on the existing light point as required complete in all respects.	6	201.00	Rupees Two Hundred One Only	Each	1206
	12W LED Lamp					
	Makes:- Havells/Wipro/Philips					
14	Supplying and fixing 45W LED street light made up of die cast aluminium housing with LED street optic LENS, offering uniform light distribution and individual LEDs with IP66 protection including connections, testing etc. as required complete in all respects with 5 years warranty.	4	4982.00	Rupees Four Thousand Nine Hundred Eighty Two Only	Each	19928
	45W LED Street Light					
	Makes:- Havells/Wipro/Bajaj					
	Total					106422

Draft schedule of quantity checked and approved for ₹ 106422 only

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY						
NAME OF WORK :- C/O Rajeev Gandhi Govt. Engineering College at Nagrota bagwan Distt. Kangra H.P. (Sh:- Providing and laying of PVC conduit for Fire Alarm and PA system in Architecture Block therein)		Job No <u>107</u>		ESTIMATED COST: Rs.90,400/-only. EARNEST MONEY: Rs.1900/-only TIME ALLOWED: Two Months		
SR. NO.	DESCRIPTION	QTY.	FIGURES	RATES		AMOUNT
					WORDS	
1.00	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.					
1.10	25 mm dia	800	113		Rupees One Hundred Thirteen Only	90400
	Make :- BEC/AKG/JPC/PolyFit					
	Total					90400

Dr. Prof. Schedule of quantity checked and approved for 290400 only

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY							ESTIMATED COST: Rs.1,43,966/-only. EARNEST MONEY: Rs.2900/-only TIME ALLOWED: Three Months		
NAME OF WORK :-Additional / alteration to Type-III Qtrs. near Dharoon Khad in Dr. R.P. Govt. Medical College Tanda in Distt. Kangra (H.P.) (SH: Providing E.I. to newly constructed badminton court therein)							Job No 18		
SR. NO.	DESCRIPTION	QTY.	FIGURES	RATES		UNIT	AMOUNT		
					WORDS				
1	Supplying and fixing of LED flood light luminaire with the use of the latest technology 100 Watt 6500K made of pressure die cast aluminium housing powder coated with weather proof gasket ensuring IP65, Heat resistant toughened glass, optics controlled beam with lenses, and it should be compatible with specifications i.e. power factor ≥ 0.95, harmonic distortion ≤ 10% and efficacy ≥ 120 lumens per watt, CRI > 70, suitable for input voltage AC 120-270V, 50/60 Hz complete with all accessories, connections, testing and commissioning etc.as required.with 5 year warranty.								
1.1	LED Flood Light 100 Watt	4	8500	Rupees Eight Thousand Five Hundred Only		Each	34000		
	Makes:- Twinkle / Panasonic/Wipro								
2	Supplying & erection of Steel ribbed street light bracket 700mm x 700mm x Ø 90 mm on the existing pole as required complete in all respect.								
2.1	Street light bracket double Arm	2	15019	Rupees Fifteen Thousand Nineteen Only		Each	30038		
3	Supplying and erection of Steel Ribbed Poles- are combination of Galvanised Ribbed steel tubes having 105mm dia at bottom and 60/75mm dia at Top with cast alum. Embellishments-Q3. 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. with 5 year warranty.								

Job No 18

3.1	6 Mtr. Steel Ribbed Pole		2	27210	Rupees Twenty Seven Thousand Two Hundred Ten Only	Each	54420
	Makes:- Twinkle / Panasonic/Wipro						
4	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, sand cushioning, protective covering and refilling the trench etc as required. Makes:- SCI/KEI/ Plaza						
4.1	Armoured Cable 06 Sq.mm. (2 core)		20	307	Rupees Three Hundred Seven Only	Per Meter	6140
4.2	Armoured Cable 10 Sq.mm. (2 core)		25	346	Rupees Three Hundred Forty Six Only	Per Meter	8650
5	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required.						
5.1	3x1.5 Sq. mm.		20	111	Rupees One Hundred Eleven Only	Per Meter	2220
	Makes:- KEI / Anchor / Plaza/SCI						
6	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.		4	265	Rupees Two Hundred Sixty Five Only	Each	1060
6.1	Single Pole. Cat-A.						
	Makes:- L&T / Legrand / Scheneider						
7	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
7.1	63 Amp. Double pole. Cat-A.		1	616	Rupees Six Hundred Sixteen Only	Each	616
	Makes:- L&T / Legrand / Scheneider						

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:-						
8.1	Double door-06 way	1	1737	Rupees One Thousand Seven Hundred Thirty Seven Only	Each	1737	
	Makes:- L&T/ Legrand / Scheneider						
9	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.Make:- Diplast/PolyFit/BEC						
9.1	25 mm Dia	45	113	Rupees One Hundred Thirteen Only	P/Mtr	5085	
	Total					143966	

Draft Schedule of quantity checked and approved for Rs. 143966 only

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :-C/O Panchayat Community Centre (Panchayat Ghars) Gram Panchayat (Ground Floor) Dain Block Sullah Distt. Kangra (H.P.)(Sh:- Providing E.I Therejn)		Job No 19	ESTIMATED COST: Rs.99,685/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED: One Year		
SR. NO.	DESCRIPTION	QTY.	RATES		AMOUNT
			FIGURES	WORDS	
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq. mm. HRFRLS/PVC insulated single core copper conductor cable as required. Make :- SCI/KEI/Plaza				
	Group B.	19	1470	Rupees One Thousand Four Hundred Seventy Only	Per Point 27930
2	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:- with 5 year warranty.				
	Ceiling Fan 1200 mm sweep, Category-A	6	2791	Rupees Two Thousand Seven Hundred Ninety One Only	Each 16746
	Make :- Ceiling Fan 1200 mm sweep, Category-A Usha/Technix Plus 3 star ,Philips/Bajaj with Not Less than 3 rated star				

3	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	5	582	Rupees Five Hundred Eighty Two Only	Each	2910
	Make:- L&T/Legrand Schneider					
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	5	750	Rupees Seven Hundred Fifty Only	Each	3750
	Make:- L&T/Legrand Schneider					
5	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:- Make:- GoldMedal/SSK/Anchor	1	187	Rupees One Hundred Eighty Seven Only	Each	187
6	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No. HFR/LS/PVC insulated single core copper conductor cable of same size for earthing as required.					
	2x2.5 Sq. mm.	15	395.00	Rupees Three Hundred Ninety Five Only	Per Mtr.	5925
	2x4.0 Sq. mm.	21	473.00	Rupees Four Hundred Seventy Three Only	Per Mtr.	9933
	2x6 Sq. mm.	0.5	657.00	Rupees Six Hundred Fifty Seven Only	Per Mtr.	329
	Make :- SCI/KEI/Plaza					
7	Wiring for power plug with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No. 4 Sq. mm. HFR/LS/PVC insulated single core copper conductor cable for earthing as required.	20	755	Rupees Seven Hundred Fifty Five Only	Per Mtr.	15100

	Make :- SCI/KEI/Plaza							
8	Supplying and fixing of 6 amps. to 32 amps. rating, 240/415 volts, 10 KA 'C' curves, miniature circuit breaker suitable for inductive load of following poles in the existing miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections testing and commissioning etc. as required:-	7	265	Rupees Two Hundred Sixty Five Only	Each	1855		
	6-32 Amp Single pole. Cat-A							
	Make:- L&T/Legrand /Schneider							
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.							
	40 Amps. Cat-A.	1	488	Rupees Four Hundred Eighty Eight Only	Each	488		
	Make:- L&T/Legrand Schneider							
10	Earthing with G.I. earth plate 600mmx600mmx3mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. (with charcoal or coke and salt) complete as required.	1	8592	Rupees Eight Thousand Five Hundred Ninety Two Only	Pset	8592		
15	Providing and laying earthing connection from earth electrode with 4.00 mm dia G.I. wire in 15mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	13	40	Rupees Forty Only	Pset	520		
11	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, neutral link, earth bar, din-bar, interconnections, powder painted, including earthing etc. as required:- (But without MCB/RCCB/Isolator).							
	Double door-12 way	1	2309	Rupees Two Thousand Three Hundred Nine Only	Each	2309		
	Make:- L&T/Legrand Schneider							

12	Supplying and fixing bakelite batten/angle holder including connections etc. as required:- Make:- GoldMedal /SSK/Anchor	9 ✓	92 ✓	Rupees Ninety Two Only	Each	828 ✓
13	supplying and fixing type of Surface mounted luminaire, white power coated CRCA housing diffuser to avoid glare, it should be compatible with specification i.e. Power Factor >0.9, Harmonic Distortion < 10% and efficacy > 100 lumens per watt, CRI rating >70 Suitable for input voltage AC 220-240 V, 50 Hz, Complete with all accessories, connections, testing and commissioning etc. as required with 5 years warranty.					
	LED Batten light 20W	3 ✓	761 ✓	Rupees Seven Hundred Sixty One Only	Each	2283 ✓
	Make :- Wipro Cat. No. LL20-281-XXX-AL1/Phillips/Bajaj.					
	Total					99685 ✓

Draft scheduling quantity checked and approved for 99685 only

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :-C/O Panchayat Community Centre (Panchayat Ghars) Gram Panchayat (Ground Floor) Kharul Sornu Block Sullah Distt. Kangra (H.P.)(Sh:- Providing E.I Therein)		Job No 20	ESTIMATED COST: Rs.99,685/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED: One Year		
SR. NO.	DESCRIPTION	QTY.	RATES		AMOUNT
			FIGURES	WORDS	
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HFRF) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRRLS/PVC insulated single core copper conductor cable as required. Make :- SCI/KEI/Plaza				
	Group B.	19	1470	Rupees One Thousand Four Hundred Seventy Only	Per Point 27930
2	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:- with 5 year warranty.				
	Ceiling Fan 1200 mm sweep, Category-A	6	2791	Rupees Two Thousand Seven Hundred Ninety One Only	Each 16746
	Make :- Ceiling Fan 1200 mm sweep, Category-A Usha/Technix Plus 3 star ,Philips/Bajaj with Not Less than 3 rated star				

3	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	5	582	Rupees Five Hundred Eighty Two Only	Each	2910
	Make:- L&T/Legrand Schneider					
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	5	750	Rupees Seven Hundred Fifty Only	Each	3750
	Make:- L&T/Legrand Schneider					
5	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:- Make:- GoldMedal /SSK/Anchor	1	187	Rupees One Hundred Eighty Seven Only	Each	187
6	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No. HFR/LSPVC insulated single core copper conductor cable of same size for earthing as required.					
	2x2.5 Sq. mm.	15	395.00	Rupees Three Hundred Ninety Five Only	Per Mtr.	5925
	2x4.0 Sq. mm.	21	473.00	Rupees Four Hundred Seventy Three Only	Per Mtr.	9933
	2x6 Sq. mm.	0.5	657.00	Rupees Six Hundred Fifty Seven Only	Per Mtr.	329
	Make :- SCL/KEI/Plaza					
7	Wiring for power plug with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No. 4 Sq. mm. HFR/LSPVC insulated single core copper conductor cable for earthing as required.	20	755	Rupees Seven Hundred Fifty Five Only	Per Mtr.	15100

	Make :- SCI/KEI/Plaza						
8	Supplying and fixing of 6 amps. to 32 amps. rating, 240/415 volts, 10 KA 'C' curves, miniature circuit breaker suitable for inductive load of following poles in the existing miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections testing and commissioning etc. as required:-	7	265	Rupees Two Hundred Sixty Five Only	Each	1855	
	6-32 Amp Single pole. Cat-A						
	Make:- L&T/Legrand /Schneider						
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.						
	40 Amps. Cat-A.	1	488	Rupees Four Hundred Eighty Eight Only	Each	488	
	Make:- L&T/Legrand Schneider						
10	Earthing with G.I earth plate 600mmx600mmx3mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. (with charcoal or coke and salt) complete as required.	1	8592	Rupees Eight Thousand Five Hundred Ninety Two Only	Pset	8592	
15	Providing and laying earthing connection from earth electrode with 4.00 mm dia G.I. wire in 15mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	13	40	Rupees Forty Only	Pset	520	
11	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, neutral link, earth bar, din-bar, interconnections, powder painted, including earthing etc. as required:- (But without MCB/RCCB/Isolator).						
	Double door-12 way	1	2309	Rupees Two Thousand Three Hundred Nine Only	Each	2309	
	Make:- L&T/Legrand Schneider						

12	Supplying and fixing bakelite batten/angle holder including connections etc. as required:- Make:- GoldMedal /SSK/Anchor	9	92	Rupees Ninety Two Only	Each	828
13	supplying and fixing type of Surface mounted luminaire, white power coated CRCA housing diffuser to avoid glare, it should be compatible with specification i.e. Power Factor>0.9, Harmonic Distortion< 10% and efficacy> 100 lumens per watt, CRI rating>70 Suitable for input voltage AC 220-240 V, 50 Hz, Complete with all accessories, connections, testing and commissioning etc. as required with 5 years warranty.					
	LED Batten light 20W	3	761	Rupees Seven Hundred Sixty One Only	Each	2283
	Make :- Wipro Cat. No. LL20-281-XXX-AL1/Phillips/Bajaj.					
	Total					99685

Draft schedule of quantity checked and approved for 99685 only

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY							
NAME OF WORK :- Providing and fixing of split type air-conditioning unit in the room of Assistant Engineer B&R Sub - Division, HPPWD Nagrota Bagwan therein.			Job No 21 21		ESTIMATED COST: Rs.1,03,015/-only. EARNEST MONEY: Rs.2100/-only TIME ALLOWED: One Month		
SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT	
			FIGURES	WORDS			
1	Supplying, installation, testing and commissioning of following capacity (Hot & Cold) 5 star Inverter Split type Air-Conditioning unit of following make conforming to I.S.I.-1391 PART-1992 with ammendment No. 1 (expect power consumption norms) fitted with hermetically shielded air-compressor as required complete in all respects.						
1.1	A.C. Unit 1.5 Ton capacity (Hot & Cold/Inverter)	1	89861.00	Rupees Eighty Nine Thousand Eight Hundred Sixty One Only	Each	89861	
	Makes:-Voltas (Model No. : SAC 183 VH Vertis Prism)/Mitsubishi /O General						
2	Supplying and fixing wall mounting voltage stabilizer of following rating with output 240 volts with voltage regulation range from 130 volt to 300 volt 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.						
2.1	Automatic Voltage Stabilizer 4 KVA	1	5874.00	Rupees Five Thousand Eight Hundred Seventy Four Only	Each	5874	
	Makes:- Voltas/Godrej/V-Guard						
3	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	950.00	Rupees Nine Hundred Fifty Only	Each	950	

4	Providing & fixing of extra copper tubes for refrigerant and condensate of following sizes different capacity 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.					
	1/4" x 5/8" for 1.5 TR capacity AC Unit	3	1150.00	Rupees One Thousand One Hundred Fifty Only	Per Meter	3450
5	Providing and laying of communication wire 2.5 Sq.mm. (4 core) as required complete in all respects and as per direction and satisfaction of Engineer in charge.	6	350.00	Rupees Three Hundred Fifty Only	Per Meter	2100
6	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	195.00	Rupees One Hundred Ninety Five Only	Per Meter	780
	Total					103015

Draft Schedule of quantity checked and approved for ₹ 103015 only

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :-C/O Panchayat Community Centre (Panchayat Ghars) Gram Panchayat (Ground Floor) Khas Gaggal Block Sullah Distt. Kangra (H.P.)(Sh:- Providing E.I Therein)		Job No 21 22		ESTIMATED COST: Rs.99,685/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED: One Year	
SR. NO.	DESCRIPTION	QTY.	RATES		AMOUNT
			FIGURES	WORDS	
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required. Make :- SCI/KEI/Plaza				
	Group B.	19	1470	Rupees One Thousand Four Hundred Seventy Only	Per Point 27930
2	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:- with 5 year warranty.				
	Ceiling Fan 1200 mm sweep, Category-A	6	2791	Rupees Two Thousand Seven Hundred Ninety One Only	Each 16746
3	Make :- Ceiling Fan 1200 mm sweep, Category-A Usha/Technix Plus 3 star ,Philips/Bajaj with Not Less than 3 rated star 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 5/6 amps modular switch, connection etc. as required.	5	582	Rupees Five Hundred Eighty Two Only	Each 2910

	Make:- L&T/Legrand Schneider Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	5	750	Rupees Seven Hundred Fifty Only	Each	3750
4						
	Make:- L&T/Legrand Schneider Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:- Make:- GoldMedal /SSK/Anchor	1	187	Rupees One Hundred Eighty Seven Only	Each	187
5						
	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.HFRLS/PVC insulated single core copper conductor cable of same size for earthing as required.					
6	2x2.5 Sq. mm.	15	395.00	Rupees Three Hundred Ninety Five Only	Per Mtr.	5925
	2x4.0 Sq. mm.	21	473.00	Rupees Four Hundred Seventy Three Only	Per Mtr.	9933
	2x6 Sq. mm.	0.5	657.00	Rupees Six Hundred Fifty Seven Only	Per Mtr.	329
	Make :- SCI/KEI/Plaza Wiring for power plug with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No.4 Sq.mm. HFRLS/PVC insulated single core copper conductor cable for earthing as required.	20	755	Rupees Seven Hundred Fifty Five Only	Per Mtr.	15100
7						
	Make :- SCI/KEI/Plaza					

8	Supplying and fixing of 6 amps. to 32 amps. rating. 240/415 volts, 10 KA 'C' curves, miniature circuit breaker suitable for inductive load of following poles in the existing miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections testing and commissioning etc. as required:-	7	265	Rupees Two Hundred Sixty Five Only	Each	1855
	6-32 Amp Single pole. Cat-A					
	Make:- L&T/Legrand /Schneider					
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.					
	40 Amps. Cat-A.	1	488	Rupees Four Hundred Eighty Eight Only	Each	488
	Make:- L&T/Legrand Schneider					
10	Earthing with G.I earth plate 600mmx600mmx3mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. (with charcoal or coke and salt) complete as required.	1	8592	Rupees Eight Thousand Five Hundred Ninety Two Only	Pset	8592
11	Providing and laying earthing connection from earth electrode with 4.00 mm dia G.I. wire in 15mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	13	40	Rupees Forty Only	Pset	520
	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, neutral link, earth bar, din-bar, interconnections, powder painted, including earthing etc. as required:- (But without MCB/RCCB/Isolator).					
	Double door-12 way	1	2309	Rupees Two Thousand Three Hundred Nine Only	Each	2309
	Make:- L&T/Legrand Schneider					
12	Supplying and fixing bakelite batten/angle holder including connections etc. as required:- Make:- GoldMedal /SSK/Anchor	9	92	Rupees Ninety Two Only	Each	828

13	supplying and fixing type of Surface mounted luminaire, white power coated CRCA housing diffuser to avoid glare, it should be compatible with specification i.e. Power Fectore>0.9, Harmonic Distortion< 10% and efficacy> 100 limens per watt, CRI rating>70 Suitable for input voltage AC 220-240 V, 50 Hz, Complete with all accessories, connections, testing and commissioning etc. as required with 5 years warranty.							
	LED Batten light 20W	3	761	Rupees Seven Hundred Sixty One Only	Each	2283		
	Make :- Wipro Cat. No. LL20-281-XXX-AL1/Phillips/Bajaj.							
	Total							99685

Draft Schedule of quantity checked and approved for ₹ 99,685/-

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY						
NAME OF WORK :-C/O Panchayat Community Centre (Panchayat Ghars) Gram Panchayat (Ground Floor) Ballah Block Sullah Distt. Kangra (H.P.)(Sh:- Providing E.I Therein)		Job No 23		ESTIMATED COST: Rs.99,685/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED: One Year		
SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required. Make :- SCI/KEI/Plaza					
	Group B.	19	1470	Rupees One Thousand Four Hundred Seventy Only	Per Point	27930
2	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:- with 5 year warranty.					
	Ceiling Fan 1200 mm sweep, Category-A	6	2791	Rupees Two Thousand Seven Hundred Ninety One Only	Each	16746
	Make :- Ceiling Fan 1200 mm sweep, Category-A Usha/Technix Plus 3 star ,Philips/Bajaj with Not Less than 3 rated star					

3	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	5	582	Rupees Five Hundred Eighty Two Only	Each	2910
	Make:- L&T/Legrand Schneider					
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	5	750	Rupees Seven Hundred Fifty Only	Each	3750
	Make:- L&T/Legrand Schneider					
5	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:- Make:- GoldMedal /SSK/Anchor	1	187	Rupees One Hundred Eighty Seven Only	Each	187
6	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No. HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required. 2x2.5 Sq. mm.	15	395.00	Rupees Three Hundred Ninety Five Only	Per Mtr.	5925
	2x4.0 Sq. mm.	21	473.00	Rupees Four Hundred Seventy Three Only	Per Mtr.	9933
	2x6 Sq. mm.	0.5	657.00	Rupees Six Hundred Fifty Seven Only	Per Mtr.	329
	Make :- SCL/KEI/Plaza					
7	Wiring for power plug with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No. 4 Sq. mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required.	20	755	Rupees Seven Hundred Fifty Five Only	Per Mtr.	15100

	Make :- SCI/KEI/Plaza						
8	Supplying and fixing of 6 amps. to 32 amps. rating. 240/415 volts, 10 KA 'C' curves, miniature circuit breaker suitable for inductive load of following poles in the existing poles in the existing MCB DB complete with connections testing and commissioning etc. as required:-	7	265	Rupees Two Hundred Sixty Five Only	Each	1855	
	6-32 Amp Single pole. Cat-A						
	Make:- L&T/Legrand /Schneider						
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.						
	40 Amps. Cat-A.	1	488	Rupees Four Hundred Eighty Eight Only	Each	488	
	Make:- L&T/Legrand Schneider						
10	Earthing with G.I earth plate 600mmx600mmx3mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. (with charcoal or coke and salt) complete as required.	1	8592	Rupees Eight Thousand Five Hundred Ninety Two Only	Pset	8592	
15	Providing and laying earthing connection from earth electrode with 4.00 mm dia G.I. wire in 15mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	13	40	Rupees Forty Only	Pset	520	
11	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, neutral link, earth bar, din-bar, interconnections, powder painted, including earthing etc. as required:- (But without MCB/RCCB/Isolator).						
	Double door-12 way	1	2309	Rupees Two Thousand Three Hundred Nine Only	Each	2309	
	Make:- L&T/Legrand Schneider						

12	Supplying and fixing bakelite batten/angle holder including connections etc. as required:- Make:- GoldMedal /SSK/Anchor	9	92	Rupees Ninety Two Only	Each	828
13	supplying and fixing type of Surface mounted luminaire, white power coated CRCA housing diffuser to avoid glare, it should be compatible with specification i.e. Power Factor>0.9, Harmonic Distortion< 10% and efficacy> 100 lumens per watt, CRI rating>70 Suitable for input voltage AC 220-240 V, 50 Hz, Complete with all accessories, connections, testing and commissioning etc. as required with 5 years warranty.					
	LED Batten light 20W	3	761	Rupees Seven Hundred Sixty One Only	Each	2283
	Make :- Wipro Cat. No. LL20-281-XXX-AL1/Phillips/Bajaj.					
	Total					99685

Dayt Schedule quantity checked and approved for 99685 only

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- Revised estimate for Replacement of E.I and Safety devices to residential quarters Type -III and Type -IV for Excise and Taxation Department at Chilgari Dharamshala in Distt Kangra (H.P).		Job No 24		ESTIMATED COST: Rs.3,89,509/-only. EARNEST MONEY: Rs.7800/-only TIME ALLOWED: Six months ✓		
SR. NO.	DESCRIPTION	QTY.	FIGURES	RATES		AMOUNT
				WORDS	UNIT	
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required. Make:- SC/KEI/Plaza					
	Group B.	45	1470	Rupees One Thousand Four Hundred Seventy Only	P/Point	66150
2	Wiring for twin control light point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit with 2-way, 5/6 amps. modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required. Make:- SC/KEI/Plaza					
	Group B.	6	1470	Rupees One Thousand Four Hundred Seventy Only	P/Point	8820
3	Wiring for light plug with 2x1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required. Make:- SC/KEI/Plaza	60	335	Rupees Three Hundred Thirty Five Only	Per metre	20100

4	Wiring for power plug with 2x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.4 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required. Make:- SCI/KEI/Plaza	80	471	Rupees Four Hundred Seventy One Only	Per metre	37680
5	Wiring for power plug with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No.4 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required. Make:- SCI/KEI/Plaza	80	771	Rupees Seven Hundred Seventy One Only	Per metre	61680
6	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required. Make:- SCI/KEI/Plaza					
	2x1.5 Sq. mm.	60	335	Rupees Three Hundred Thirty Five Only	Per metre	20100
	2x16 Sq. mm.	10	1108	Rupees One Thousand One Hundred Eight Only	Per metre	11080
7	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:- SCI/KEI/Plaza					
	3x1.5 Sq. mm.	80	78	Rupees Seventy Eight Only	Per metre	6240

8	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 5/6 amps modular switch, connection etc. as required. Make: Anchor (Roma Plus)/Schneider (Livia)/Legrand (Myrius)/L&T(Entice).	18	582	Rupees Five Hundred Eighty Two Only	Each	10476
9	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 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required. Make: Anchor (Roma Plus)/Schneider (Livia)/ Legrand (Myrius)/L&T(Entice).	16	750	Rupees Seven Hundred Fifty Only	Each	12000
10	Supplying and fixing bakelite batten/angle holder including connections etc. as required:- Make:- GoldMedal/Anchor/SSK	2	94	Rupees Ninety Four Only	Each	188
11	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:- -Make:- GoldMedal/Anchor/SSK	2	187	Rupees One Hundred Eighty Seven Only	Each	374
12	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.					
	Single pole 6 Amp to 32 Amp (Make:- Schneider/ Legrand/L&T)	24	265	Rupees Two Hundred Sixty Five Only	Each	6360
13	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
	63 Amps. (Make:- Schneider/ Legrand/L&T)	2	616	Rupees Six Hundred Sixteen Only	Each	1232
14	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.					

	63 Amps. (Make:- Schneider/ Legrand/L&T)	2	3616	Rupees Three Thousand Six Hundred Sixteen Only	Each	7232
15	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). Make:- L&T/Legrand/Schenider					
	Double door-16 way	2	2954	Rupees Two Thousand Nine Hundred Fifty Four Only	Each	5908
16	Earthing with G.I earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	2	8830	Rupees Eight Thousand Eight Hundred Thirty Only	P/Set	17660
17	Providing and fixing 6 SWG GI wire at .50 mtr below ground level for earth electrode conductor including soldering etc.as required.	35	41	Rupees Forty One Only	P/Mtr	1435
18	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:- Make :- Racold/USHA/Bajaj					
	25 Liter capacity water heater (Cat-A)	2	10250	Rupees Ten Thousand Two Hundred Fifty Only	Each	20500

19	Providing, Installation, testing and commissioning of ceiling fan ISI mark with step type two module electronic fan 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 (Make: Usha, Model: Technix Plus)/ Bajaj (Model: Sabse Tezz Kassels)/ Crompton (Model: WWHE).with Not less than 3 rated star.	6	3191	Rupees Three Thousand One Hundred Ninety One Only	Each	19146	
	Ceiling Fan 1400 mm sweep, (Make: Usha, Bajaj / Crompton	2	2869	Rupees Two Thousand Eight Hundred Sixty Nine Only	Each	5738	
20	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:-						
	Exhaust Fan, Light duty, (Domestic) 300 mm sweep	6	2269	Rupees Two Thousand Two Hundred Sixty Nine Only	Each	13614	
21	Supplying and fixing of fancy wall bracket containing thread type CFL lamp holder (s) of all sizes and shapes, complete with all accessories but excluding 9 watt CFL lamp including making connections, testing etc. as required. Make:- Philips/Bajaj/Havells						
	wall bracket , single lamp.(Category-A)	8	933	Rupees Nine Hundred Thirty Three Only	Each	7464	

	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 with five years warranty .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.						
22	LED fixture 1x18 Watt Surface Mounted 4 Feet Box Type Channel with Pro LED Lamp Makes:- Philips /Wipro/Bajaj.	13	945	Rupees Nine Hundred Forty Five Only	Each	12285	
23	Providing and Fixing of IP20 LED fixture of following 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 with five years warranty . 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.						
	LED surface mounted round LED downlight (12watt)	7	1271	Rupees One Thousand Two Hundred Seventy One Only	Each	8897	
	Makes:- Crompton /Bajaj/Phillips.						

24	Providing and Fixing of IP20 LED fixture of following 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 with five years warranty . 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.					
	LED Surface mounting round downlighter 12 watt Makes:- Philips Wipro/Bajaj.	5	1172	Rupees One Thousand One Hundred Seventy Two Only	Each	5860
25	Supplying and stacking of following Watts LED Lamp in the existing fittings testing, commissioning etc as required complete in all respects. Make:- OSRAM/Philips/Bajaj					
	LED Bulb 9 Watt.	10	129.00	Rupees One Hundred Twenty Nine Only	Each	1290
	Total					389509

Draft Schedule of quantity checked and approved for ₹ 389509 only

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :-C/O Panchayat Community Centre (Panchayat Ghars) Gram Panchayat (Ground Floor) Dhamman Lahar Block Sullah Distt. Kangra (H.P.)(Sh:- Providing E.I Therein)			Job No # 25		ESTIMATED COST: Rs.99,685/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED: One Year		
SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT	
			FIGURES	WORDS			
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required. Make :- SCI/KEI/Plaza						
	Group B.	19	1470	Rupees One Thousand Four Hundred Seventy Only	Per Point	27930	
2	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:- with 5 year warranty.						
	Ceiling Fan 1200 mm sweep, Category-A	6	2791	Rupees Two Thousand Seven Hundred Ninety One Only	Each	16746	
	Make :- Ceiling Fan 1200 mm sweep, Category-A Usha/Technix Plus 3 star ,Philips/Bajaj with Not Less than 3 rated star						

3	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	5	582	Rupees Five Hundred Eighty Two Only	Each	2910
	Make:- L&T/Legrand Schneider					
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	5	750	Rupees Seven Hundred Fifty Only	Each	3750
	Make:- L&T/Legrand Schneider					
5	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:- Make:- GoldMedal /SSK/Anchor	1	187	Rupees One Hundred Eighty Seven Only	Each	187
6	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No. HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required.					
	2x2.5 Sq. mm.	15	395.00	Rupees Three Hundred Ninety Five Only	Per Mtr.	5925
	2x4.0 Sq. mm.	21	473.00	Rupees Four Hundred Seventy Three Only	Per Mtr.	9933
	2x6 Sq. mm.	0.5	657.00	Rupees Six Hundred Fifty Seven Only	Per Mtr.	329
	Make :- SCI/KEI/Plaza					
7	Wiring for power plug with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No. 4 Sq. mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required.	20	755	Rupees Seven Hundred Fifty Five Only	Per Mtr.	15100

	Make :- SCI/KEI/Plaza						
8	Supplying and fixing of 6 amps. to 32 amps. rating, 240/415 volts, 10 KA 'C' curves, miniature circuit breaker suitable for inductive load of following poles in the existing miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections testing and commissioning etc. as required:-	7	265	Rupees Two Hundred Sixty Five Only	Each	1855	
	6-32 Amp Single pole. Cat-A						
	Make:- L&T/Legrand /Schneider						
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.						
	40 Amps. Cat-A.	1	488	Rupees Four Hundred Eighty Eight Only	Each	488	
	Make:- L&T/Legrand Schneider						
10	Earthing with G.I earth plate 600mmx600mmx3mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. (with charcoal or coke and salt) complete as required.	1	8592	Rupees Eight Thousand Five Hundred Ninety Two Only	Pset	8592	
15	Providing and laying earthing connection from earth electrode with 4.00 mm dia G.I. wire in 15mm dia G.I. pipe from earth electrode including connection with copper thimble excavation and re-filling as required.	13	40	Rupees Forty Only	Pset	520	
11	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, neutral link, earth bar, din-bar, interconnections, powder painted, including earthing etc. as required:- (But without MCB/RCCB/Isolator).						
	Double door-12 way	1	2309	Rupees Two Thousand Three Hundred Nine Only	Each	2309	
	Make:- L&T/Legrand Schneider						

12	Supplying and fixing bakelite batten/angle holder including connections etc. as required:- Make:- GoldMedal /SSK/Anchor	9	92	Rupees Ninety Two Only	Each	828
13	supplying and fixing type of Surface mounted luminaire, white power coated CRCA housing diffuser to avoid glare, it should be compatible with specification i.e. Power Factor>0.9, Harmonic Distortion< 10% and efficacy> 100 lumens per watt, CRI rating>70 Suitable for input voltage AC 220-240 V, 50 Hz, Complete with all accessories, connections, testing and commissioning etc. as required with 5 years warranty.					
	LED Batten light 20W	3	761	Rupees Seven Hundred Sixty One Only	Each	2283
	Make :- Wipro Cat. No. LL20-281-XXX-AL1/Phillips/Bajaj.					
	Total					99685

Do not schedule quantity checked and approved for 299685

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY						
NAME OF WORK :- C/O New 120 Nos. Girls MBBS Hostel buiding at Dr. RPGMC Tanda in Distt. Kangra (H.P.).(SH:- Providing E.I. to Security post near Main Gate there in.)		Job No 14 26		ESTIMATED COST: Rs.98,952/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED: Two Months		
SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required.					
1.1	Group C	6	1823.00	Rupees One Thousand Eight Hundred Twenty Three Only	Per Point	10938
	Make:-KEI,Anchor,Plaza / SCI) Legrand (Myrius), L&T(Oris), Anchor (Roma plus)/SCI.					
2	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required.					
2.1	2x2.5 Sq. mm.	2	395.00	Rupees Three Hundred Ninety Five Only	Per Meter	790
2.2	2x4 Sq. mm.	3	471.00	Rupees Four Hundred Seventy One Only	Per Meter	1413
	Make:-KEI / Anchor / Plaza / SCI					
3	Supplying and fixing of following sizes of medium class PVC conduit along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required:-					

3.1	50 mm. dia		60	261.00	Rupees Two Hundred Sixty One Only	Per Meter	15660
	(Make:-BEC / Anchor / Diplast / Polyfit)						
4	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.	1	582.00	Rupees Five Hundred Eighty Two Only	Each	582	
	Makes:- L&T/Legrand/Schneider.						
5	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.	1	750.00	Rupees Seven Hundred Fifty Only	Each	750	
	Makes:- L&T/Legrand/Schneider.						
6	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:-						
6.1	Single pole. Cat-A.	2	265.00	Rupees Two Hundred Sixty Five Only	Each	530	
	Makes:- L&T/Legrand/Schneider.						
7	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
7.1	40 Amps. Cat-A.	1	488.00	Rupees Four Hundred Eighty Eight Only	Each	488	
	Makes:- L&T/Legrand/Schneider.						
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:-						

8.1	Double door-6 way	1	1737.00	Rupees One Thousand Seven Hundred Thirty Seven Only	Each	1737
	Makes:- L&T/Legrand/Schneider.					
9	Providing and fixing 4 mm dia 8 SWG copper wire on surface or in recess for loop earthing as required	67	180.00	Rupees One Hundred Eighty Only	Per meter	12060
10	Providing, Installation, testing and commissioning of ceiling fan with two module modular step type electronic fan 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 with not less than 3 rated star.					
10.1	Ceiling Fan 1200 mm sweep, Category-A	1	3191.00	Rupees Three Thousand One Hundred Ninety One Only	Each	3191
	Makes:- Usha / Bajaj/ Crompton.					
11	Providing and laying of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured/XLPE power cable, working voltage 1100 volts grade of following size direct in ground; but excluding excavation, sand cushioning and protective covering and refilling the trench etc. as required.					
11.1	Armoured cable 10 sq. mm (2 core)	65	417.00	Rupees Four Hundred Seventeen Only	P/Mtr	27105
	Makes:- KEI/Havell/Plaza/SCI					
12	Providing and fixing decorative extruded tube fixture having high quality design suitable for LED tube up to 18Watt (1800 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 with 5 years warranty.					

12.1	18 Watt LED Tube fixture with rod	2	1508.00	Rupees One Thousand Five Hundred Eight Only	Each	3016
	Makes: Bajaj/ Wipro/Havells					
13	Providing and fixing of LED Bulkhead 10W +/- 1W with minimum system lumen efficacy of 100 lm/W with and P.F. >0.95 with THD<10%, CCT 5700 K, CRI 70, surge protection 4 kV. The LED with useful life of 50000 hrs. at L70. The input voltage range shall be 150V to 270V as required with 5 years warranty.					
13.1	LED Bulk Head 10 Watt	1	1432.00	Rupees One Thousand Four Hundred Thirty Two Only	Each	1432
	Makes: Bajaj/ Wipro/Havells					
14	Supplying and fixing of LED flood light luminaire with die cast aluminium housing with frame toughened glass with PC Lens, cradle mounting and protecting including connections etc. complete with all accessories, connections, testing and commissioning as required.					
14.1	70 Watt LED Flood Light	2	9630.00	Rupees Nine Thousand Six Hundred Thirty Only	Each	19260
	Makes:- Panasonic/Wipro/Bajaj					
	Total					98952

Dr. J. Schedule of quantity checked and given for 98952 only

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- C/o Rajeev Gandhi Govt. Engineering College Kangra at Nagrota Bagwan, Distt. Kangra HP (SH: Providing & fixing of Portable Fire Extinguishers in Boys & Girls Hostel therein)		Job No 412 27		ESTIMATED COST: Rs 4,48,922/-only. EARNEST MONEY: Rs.9000/-only TIME ALLOWED: Three Months		
SR. NO.	DESCRIPTION	QTY.	FIGURES	RATES		AMOUNT
				WORDS	UNIT	
1	Providing and fixing Carbon dioxide CO2 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 hoase, 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 and to the best satisfaction of Engineer-in-charge.	18	13542.00	Rupees Thirteen Thousand Five Hundred Forty Two Only	Each	243756
2	Make: Minimax/Aska/ AGGG India. 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 hoase, discharge nozzle, suspension bracket, confirming to IS: 15683 finished externally with red enamel paint and fixed to wall with brackets complete with internal charge.	12	7143.00	Rupees Seven Thousand One Hundred Forty Three Only	Each	85716
3	Make: Minimax/Aska/ AGGG India. Providing & fixing of IS marked 15683 Water type 9 Litre (S/P) fire Extinguishers ISI mark. CE and EN Certified,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.	16	6491.00	Rupees Six Thousand Four Hundred Ninety One Only	Each	103856
	Make: Minimax/Aska/ AGGG India.					

4	Providing & fixing of IS marked 15683 Mechanical Foam type 9 Litre (S/P) fire Extinguishers CE and EN Certified, 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.	2	7797.00	Rupees Seven Thousand Seven Hundred Ninety Seven Only	Each	15594
	Make: Minimax/Aska/ AGGG India.					
	Total					448922

*Day 1- Schedule quantity checked and approved
for ₹ 448922.00 PM*

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF

NAME OF WORK :- Providing and fixing of split type air-conditioning unit in the Treasury office building at Shahpur, Tehsil Shahpur Distt Kangra(H.P).		Job No. 28		ESTIMATED COST: Rs.94,795/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED: One Month	
SR. NO.	DESCRIPTION	QTY.	RATES		AMOUNT
			FIGURES	WORDS	
1	Supplying, installation, testing and commissioning of following capacity (Hot & Cold) 5 star Inverter Split type Air-Conditioning unit of following make confirming to I.S.I.-1391 PART-1992 with ammendment No. 1 (expect power consumption norms) fitted with hermetically shielded air-compressor as required complete in all respects.				
1.1	A.C. Unit 1.5 Ton capacity (Split Inverter)	1	84386.00	Rupees Eighty Four Thousand Three Hundred Eighty Six Only	84386
	Makes:- Mitsubishi (Model No. : MSZ-HP18VA (R410A)/5 Star)/O General				
2	Supplying and fixing wall mounting voltage stabilizer of following rating with output 240 volts with voltage regulation range from 130 volt to 300 volt 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.				
2.1	Automatic Voltage Stabilizer 4 kVA	1	5874.00	Rupees Five Thousand Eight Hundred Seventy Four Only	5874
	Makes:- Voltas/Godrej/V-Guard				
3	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	950.00	Rupees Nine Hundred Fifty Only	950

SCHEDULE OF QUANTITY

NAME OF WORK :- C/o 1st year MBBS Hostel for 60 No. Boys in Dr.RPGMC Kangra at Tanda.(SH:- Replacement of damaged main Supply Cable therein).									
SR. NO.		DESCRIPTION	QTY.	Job No 29	RATES		UNIT	AMOUNT	ESTIMATED COST: Rs.2,74,775/-only. EARNEST MONEY: Rs.5500/-only TIME ALLOWED: Two Months
					FIGURES	WORDS			
1		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, sand cushioning, protective covering and refilling the trench etc as required. Make:- KEI/SCI/Plaza							
1.1		Armoured Cable 300 Sq.mm. (3.5 core) under Ground	50	3981	Rupees Three Thousand Nine Hundred Eighty One Only	P/Mtr	199050		
2		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. Make:- KEI/SCI/Plaza							
2.1		Armoured Cable 300 Sq.mm. (3.5 core) Surface	12	3815	Rupees Three Thousand Eight Hundred Fifteen Only	P/Mtr	45780		
3		Supplying and erection of following depth sheet metal Feeder Pillar outdoor type 600 Amp capacity The feeder pillar shall have cable entry box at one or two sides, Main Panel made out of M.S. CRC Sheet 14/16G, base frame 75 x 40 x 3 mm channel duly painted with Siemens grey powder coated paint and bonding to the existing earth etc. and the panel should be approved/tested from the CPRI Lab and should be confirm to IS 64139 as required complete in all respects. Make:- GM Power Control /L&T/Schenider							

3.1	Feeder Piller outdoor type 600 Amp capacity Size: (600+600) Hx600Lx250D	1	29945	Rupees Twenty Nine Thousand Nine Hundred Forty Five Only	P/Job	29945
	Total					274775

Draft Schedule of quantity checked and approved for ₹ 274775/-

[Signature]

Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- C/O Rajeev gandhi Govt. Engineering college at Nagrota Bagwan in Distt. Kangra H.P. (SH: Replacement of old and damaged old LED fittings and exhaust fan).			Job No 44 30		ESTIMATED COST: Rs.93,715/-only. EARNEST MONEY: Rs.1900/-only TIME ALLOWED: Three Months		
SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT	
			FIGURES	WORDS			
1.00	Providing and Fixing of 1200 mm X 300 mm LED fixture 36 W +/- 1W Surface mounted with Plastic diffuser with CRCA Powder Coated housing having minimum system lumen efficacy 100lm/W with P.F.>0.95 with THD<10%. The LED with Useful life of 50000 Hrs at L70 with five years warranty. 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. with 5 year warranty.						
1.01	LED Panel Light 36 watt 4'x1' Makes:- Philips /Wipro/Bajaj/Panasonic.	6	7568	Rupees Seven Thousand Five Hundred Sixty Eight Only	Each	45408	
1.02	LED Panel Light 36 watt 2x2 Makes:- Philips /Wipro/Bajaj/Panasonic.	6	4834	Rupees Four Thousand Eight Hundred Thirty Four Only	Each	29004	
2.00	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.						
2.01	Exhaust Fan, Light duty, (Domestic) 300 mm sweep Makes: Bajaj/Usha/Crompton	3	2269	Rupees Two Thousand Two Hundred Sixty Nine Only	Each	6807	

3.00	Providing and fixing surface/recess mounting Square/Round LED downlighter suitable for surface application with the use of the latest technology 18/20 watt (1800 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. with 5 year warranty. Makes : Panasonic/ Philips/ Bajaj/Wipro.	8	1562	Rupees One Thousand Five Hundred Sixty Two Only	Each	12496
	Total					93715

Draft Schedule of quantity checked and approved for 93715 only

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK:-Name of Work :- Replacement of Safety devices in Civil Hospital OPD Block Panel Room,Wards Panel Room building at Palampur in Tehsil Palampur Distt. Kangra HP		Job No. 31	ESTIMATED COST: Rs.2,58,041/-only. EARNEST MONEY: Rs.5200/-only TIME ALLOWED: One Month			
Sr. No.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1	Providing and fixing TP&N switch disconnector fuse unit panel mounting, 415/500 volts with 3 No. HBC/HRC fuses, open execution, including drilling holes in the cubical, making connections, etc. as required.(Make L&T/Schneider/Legrand/Havells)					
	HRC Fuse125 amp.	1	11306	Rupees Eleven Thousand Three Hundred Six Only	Each	11306
	HRC Fuse100 amp.	6	9525	Rupees Nine Thousand Five Hundred Twenty Five Only	Each	57150
2	Providing and fixing following rating and breaking capacity MCCBwith thermomagnetic release and terminal spreaders in existing cubical panel board including drilling holes in the cubical, making connections, etc. as required.(Make L&T/Schneider/Legrand/Havells)					
	400 Amp 85 ka MCCB 4 Pole	1	33519	Rupees Thirty Three Thousand Five Hundred Nineteen Only	Each	33519
	63 Amp 85 ka MCCB 4 Pole (Make L&T/Legrand/Schneide)	5	6848	Rupees Six Thousand Eight Hundred Forty Eight Only	Each	34240
	100 Amp 30 ka MCCB 4 Pole (Make L&T/Legrand/Schneide)	5	6848	Rupees Six Thousand Eight Hundred Forty Eight Only	Each	34240
3	Providing and fixing Enclosure (Size 1 for MCCBs suitable for 3 Pole & 4 Pole MCCBs etc. as required complete in all respect (Make L&T/Legrand/Schneider)	11	2043	Rupees Two Thousand Forty Three Only	Each	22473

4	Supplying and fixing of 6 amps. to 32 amps. rating, 240/415 volts, 10 kA 'C' curves, miniature circuit breaker suitable for inductive load of following poles in the existing miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections testing and commissioning etc. as required:- (Make L&T/Legrand/Schneider)	30 ✓	265 ✓	Rupees Two Hundred Sixty Five Only	Each	7950 ✓
	6 Amp Single pole. Cat-A.					
	16 Amp Single pole. Cat-A.	20 ✓	265 ✓	Rupees Two Hundred Sixty Five Only	Each	5300 ✓
5	Supplying and fixing TP&N bus-bar chamber suitable for 415 volts capacity with 4 Nos copper strip bus-bar each of length and x-section suitable for following current carrying capacity , enclosure made of sheet steel , dust protected duly powder painted with detachable gland plate and other accessories including drilling holes on the board making connections, earthing etc. as required.					
	400 Amp copper Bus-Bar Chamber 15" (Make L&T/Legrand/Havells)	1 ✓	51863 ✓	Rupees Fifty One Thousand Eight Hundred Sixty Three Only	Each	51863 ✓
	Total					258041

Drift schedule of quantity checked and approved for ₹ 258041/-

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY						
NAME OF WORK :- C/O Rajeev Gandhi Govt. Engineering College at Nagrota bagwan Distt. Kangra H.P.(Sh:- Providing and laying of PVC conduit for CCTV,Lan,Wifi in Architecture Block therein)			32 Job No	ESTIMATED COST: Rs.90,400/-only. EARNEST MONEY: Rs.1900/-only TIME ALLOWED: Two Months		
SR. NO.	DESCRIPTION	QTY.	FIGURES	RATES		AMOUNT
				WORDS	UNIT	
1	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.					
1.1	25 mm. dia	800	113.00	Rupees One Hundred Thirteen Only	Per Meter	90400
	Make: BEC/AKG/JPC/PolyFit					
	Total					90400

Deptt. Scheduling quantity checked and approved for Rs 90400 only


Executive Engineer
Electrical Division
HPPWD Palampur