

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No.: PW/ESDD/CONT/2025-26/- 9414-23

Dated: 6-2-2026

To

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

Subject: Publishing of Tender Notice.

Jai Hind

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

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

DA/NIT,SQs

Executive Engineer
Electrical Division
HP PWD Palampur

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

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

Executive Engineer
Electrical Division
HP PWD Palampur

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

Sealed percentage rate tenders on form 7&8 are hereby invited by the Executive Engineer, Electrical Division, HP PWD Palampur on behalf of the Governor of H.P. for the following work from the approved and eligible contractors enlisted in HP.PWD, (Elect.) whose registration stood renewed as per revised rules and also registered under the H.P. General Sales Tax Act. 1968 so as to reach in his office on or before **13-02-2026** 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 **12-02-2026** up to 4.00 P.M. and the application for issue of tender form shall be received on **11-02-2026** up to 12.00 noon.

Sr. No	Name of Work	Estimated Cost	Earnest Money	Time Limit	Cost of Form
1	Repair and Maintenance of Electrical Installation (E.I) to 1st year MBBS Boys Hostel at Dr. RPGMC Tanda for the year 2025-26.	96,033/-	2000/-	One year	350/-
2	Servicing and replacement of all types of filters, batteries, Control cable of DG Set 250 KVA installed in the campus of Civil Hospital Dehra, Tehsil Dehra, Distt. Kangra (H.P.)	99,030/-	2000/-	One year	350/-
3	Replacement of old switches, sockets and fans in the residence of District Commissioner therein (Outside, Laundry room, Kitchen, Dining, Drawing room Room 1).	90,372/-	1800/-	Six months	350/-
4	Replacement of old switches, sockets and wire in the residence of District Commissioner therein (Room 2, Prayer room, Dressing+bath, room 3, main room, dressing, office).	96,171/-	1900/-	Six months	350/-
5	Providing and fixing of UPS Battery 42AH 12V in the HPPWD (Elect.) Division Palampur Distt Kangra (H.P.)	88,536/-	1800/-	Two weeks	350/-
6	Providing and laying Armoured cable, LED fittings, accessories in HP PWD Rest House Baijnath and Chobin Tehsil Baijnath Distt. Kangra (H.P.)	99,720/-	2000/-	One month	350/-
7	Replacement of old & damaged Inverter & Batteries into new Inverter & Batteries in HPPWD Rest House Jawalamukhi in Tehsil Jawalamukhi Distt. Kangra (H.P.)	99,251/-	2000/-	One month	350/-
8	C/O Sarai on Ward No. 1 G.P Jia Khas in Tehsil Palampur Distt. Kangra HP (Sh:- Prov. EI therein).	59,103/-	1200/-	Six months	350/-
9	Providing and fixing of UPS Battery in the HPPWD (Elect.) Sub Division Palampur Distt Kangra (H.P.)	81,214/-	1700/-	Two weeks	350/-
10	Providing and fixing Geyser in various Rest Houses under ESD Palampur Distt Kangra (H.P.)	99,242/-	2000/-	One month	350/-
11	Replacement of old and damaged 18 Ah batteries for 6 KVA and 3KVA UPS installed in the meeting hall (Room no 823) of Deputy Commissioner Kangra at Dharamshala.	70,732/-	1500/-	Three months	350/-
12	R/M of E.I in various Govt. residential buildings under ESD Dharamshala Distt Kangra (H.P) (SH: Repair of E.I and providing Geysers in type III and type IV qtrs. therein).	99,181/-	2000/-	Three months	350/-
13	Providing and installation of computer points, ceiling fans, LED fittings, etc., for the opening of the Judicial Court Complex at Fatehpur, in Tehsil Fatehpur Distt. Kangra (H.P.).	98,838/-	2000/-	One year	350/-
14	Providing and installation of computer points, ceiling fans, LED fittings, etc., for the opening of the Judicial Court Complex at Fatehpur, in Tehsil Fatehpur Distt. Kangra (H.P.).	99,452/-	2000/-	One year	350/-

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

Conditions:

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


Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

SCHEDULE OF QUANTITY						
NAME OF WORK :-Repair and Maintenance of Electrical Installation (E.I) to 1st year MBBS Boys Hostel at Dr. RPGMC Tanda for the year 2025-26.		①		ESTIMATED COST:-96,033/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED:- One year		
SR. NO.	DESCRIPTION	Job No	RATES	WORDS	UNIT	AMOUNT
1	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.					
1.1	3x1.5 Sq. mm.	25 ✓	100.00	Ruppee one hundred only	Per Meter	2500 ✓
1.2	S/D 3 X 4 sq. mm	25 ✓	220.00	Ruppee two hundred twenty only	Per Meter	5500 ✓
	Make:- Finolex/Anchor/Plaza					
2	Supplying and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
2.1	5/10 Amps. Modular switch	30 ✓	93.00	Ruppee ninety three only	Each	2790 ✓
2.2	15/16 Amps. Modular switch	25 ✓	164.00	hundred sixty four only	Each	4100 ✓
2.3	5/6 amp modular socket outlet	30 ✓	136.00	Ruppee one hundred thirty six only	Each	4080.00 ✓
2.4	15/16 amp modular socket outlet	25 ✓	231.00	Ruppee two hundred thirty one only	Each	5775 ✓
Makes:- Anchor-Roma/L&T/Schneider						

3	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:					
3.1	Exhaust Fan, Light duty, (Domestic)	4	2567.00	Rupree two thousand five hundred sixty seven only	Each	10268
	Makes:- Usha/Havells/Bajaj					
4	Supplying and fixing LED retrofit lamp suitable for B-22 holder base fittings with polycarbonate diffuser and aluminium heat sink as required complete in all respects.					
4.1	9 Watt LED Lamp	40	157.00	Rupree one hundred fifty seven only	Each	6280
	Makes: Havells/Panasonic/Osram					
5	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.					
5.1	Single pole	12	239.00	Rupree two hundred thirty nine only	Each	2868
	Makes:- Anchor-Uno/L&T/Schneider					

6	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
6.1	63 Amps	5 ✓	530.00	Rupree five hundred thirty only	Each	2650 ✓
	Makes:- Anchor-Unol&T/Schneider					
7	Providing and fixing of LED batten having minimum efficacy of 100 lm/W, P.F.>0.95 with THD<10%, CCT 6500 K,CRI 80, Surge Protection range 2 kV. The LED with useful life of 50000 Hrs. at L70 with five years warranty. The Input voltage shall be 150V to 270V, 50/60 HZ along with all accessories, including connections, testing etc. as required complete in all respects.					
7.1	LED Batten 20 Watt	45 ✓	606.00	Rupree six hundred six only	Each	27270 ✓
	Makes:- Wipro/Havells/Bajaj					
8	Supplying and fixing Batten Holder as required complete in all respects.					
8.1	Batten Holder	18 ✓	80.00	Rupree eighty only	Each	1440 ✓
	Makes: Havells/L&T/Bajaj					
9	Providing and fixing decorative LED mirror light having high quality design suitable for LED tube up to 10Watt (1000 lumen) 6500K and it should be compatible with specifications i.e. power factor ≥ 0.9, harmonic distortion ≤ 10% and efficacy ≥ 100 lumens per watt, CRI > 80, suitable for input voltage AC 220-240V, 50/60 Hz, complete with all accessories, connections, testing and commissioning etc. as required.					

10 Watt LED Mirror Light, 2 ft.	12 ✓	426.00	Rupee four hundred twenty six only	Each	5112 ✓
Makes: Bajaj/Havells/Osram					
10 Providing & fixing following size service wire 10 Sq mm as required complete in all respect and to the best satisfaction of Engineer-in-charge.	80 ✓	55.00	Rupee fifty five only	Per Mtr.	4400 ✓
11 Providing & fixing of Geyser element 100 Ltr. Water heater etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	2 ✓	5,500.00	Rupee five thousand five hundred only	Each	11000 ✓
Total:-					96033

*Draft Schedule of Quantity checked for Rs 96,033/- only
(Rs. Nine Six thousand, thirty three only).*

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- Servicing and replacement of all types of filters,batteries ,Control cable of DG Set 250 KVA installed in the campus of Civil Hospital Dehra , Tehsil Dehra,Distt. Kangra (H.P.)			② Job No		ESTIMATED COST:-99,030/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED: one year	
SR. NO.	DESCRIPTION	Qty	RATES	WORDS	UNIT	AMOUNT
1	Servicing and replacement of all types of filters of DG Set 250 KVA i.e. Element Lub oil filter, Filter fuel, Inhibitor Corrosion, Foil Sealed Test Strips, Element Filter, Element Air Filter, Valvoline Premium blue, Service Charges as per the requirement of site as required complete in all respects as per satisfaction of Engineer-in-charge.					
1.01	3401544 Element Lub oil filter	01 No.			Per job	
1.02	3973232 Filter Fuel	01 No.				
1.03	3973233 Filter Fuel	01 No.				
1.04	3816986 Inhibitor Corrosion	01 No.				
1.05	3403800 Foil Sealed Test Strips	01 No.				
1.06	A041R279 Element Filter	01 No.				
1.07	A041R273 Element Air Filter	01 No.				
1.08	505441 Valvoline Premium blue	01 No.				
	Service Charges	01 No.				
1.1	Replacement of 2 No. of batteries 12V,95 AH of DG Set 250 KVA as required complete in all respects as per satisfaction of Engineer-in-charge.					

1
41732.25

Rs. Forty one
thousand seven
hundred thirty two
only

41732.25

1.11	Pulse Vaue Plus Battery 12V 95 AH	02 Nos.	1	28278	Rs. Twenty eight thousand two hundred seventy eight only	Per job	28278
1.12	Freight & Charges	01 No.	✓				✓
1.13	Providing & Laying of one number Copper 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.						
1.14	Armoured cable 2.5 Sq mm,6 core		18	810	Rs. Eight hundred ten only	P/Mtrs.	14580
1.15	Makes:-Polycab,KEI,Plaza						✓
1.16	Providing & Laying of one number Copper conductor, PVC insulated and PVC sheathed armoured/ XLPE power cable, 1.1 KV grade of following sizes on wall surface as required.						
1.17	Armoured cable 2.5 Sq mm,6 core		20	722	Rs. Seven hundred twenty two only	P/Mtrs.	14440
1.18	Makes:-Polycab,KEI,Plaza						✓
	Total:						99030.25

Grat Schedule of Quantity Checked & Approved
for Rs 99,030.25

Executive Engineer
 Electrical Division
 HP PWD Palampur

for

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :-Replacement of old switches ,sockets and fans in the residence of District Commissioner therein(Outside,Laundry room,Kitchen,Dining,Drawing room Room 1).

3

ESTIMATED COST:-90,372/-only.
EARNEST MONEY: Rs.1800/-only
TIME ALLOWED:- Six months ✓

SR. NO.	DESCRIPTION	Job No		WORDS	UNIT	AMOUNT
		Qty.	RATES			
1	Supplying & fixing following size modular base and cover plate on the existing modular metal boxes as required:-					
i	Modular base and cover plate, 2 module	5	218	Rs. Two hundred eighteen only	Each	1090
ii	Modular base and cover plate, 4 module	6	304	Rs. Three hundred four only	Each	1824
iii	Modular base and cover plate, 6 module	11	410	Rs. Four hundred ten only	Each	4510
iv	Modular base and cover plate, 8 module	14	480	Rs. Four hundred eighteen only	Each	6720
v	Modular base and cover plate, 12 module	9	636	Rs. Six hundred thirty six only	Each	5724
vi	Modular base and cover plate, 16 module	2	857	Rs. Eight hundred fifty seven only	Each	1714

2	Supplying and fixing stepped type Modular fan regulator on the existing modular box including making connections etc. as required.	9	729	Rs. Seven hundred twenty nine only	Each	6561
3	Supplying and fixing G.I. Modular box of different module size without modular plate and cover in recess as required.					
i	G.I Modular box, 2 module	5	108	Rs. One hundred eight only	Each	540
ii	G.I. Modular box, 4 module	6	148	Rs. One hundred forty eight only	Each	888
iii	G.I. Modular box, 6 module	11	192	Rs. One hundred ninety two only	Each	2112
iv	G.I. Modular box, 8 module	14	233	Rs. Two hundred thirty eight only	Each	3262
v	G.I. Modular box, 12 module	9	323	Rs. Three hundred twenty three only	Each	2907
4	Providing, Installation, testing and commissioning of BLDC ceiling fan with step type 2 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. Five star rating					

i	Ceiling Fan 1200 mm sweep (Make: Usha, Model: Technoair BLDC without remotestar) / Bajaj / Crompton or its equivalent as approved by Engineer-in-charge(Five Year warranty)	3	4323	Rs. Four thousand three hundred twenty three only	Each	12369
5	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/isolator)					
i	4 way, Double door	1	1425	Rs. One thousand four hundred twenty five only	Each	1425
ii	8 way, Double door	1	1703	Rs. One thousand seven hundred three only	Each	1703
6	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.	8	239	Rs. two hundred thirty nine only	Each	1912

7	Providing, laying and fixing of one No. aluminium conductor, PVC insulated and PVC unsheathed cable aluminium conductor, working voltage 1100 volts grade on surface etc. of the required size:- (Make:- KEI/Plaza/Havells).					
i	Aluminium unsheathed cable 10 sq. mm (Twin core)	70	64	Rs. Sixty four only	Per Metre	4480
8	Supplying and fixing of following sizes of heavy class FRLS PVC conduit having wall thickness 2.0mm along with accessories insurface/recess including painting in case of surface conduit, or cutting the walland making good the same in case of recessed conduit as required.					
i	25 mm	70	99	Rs. Ninety nine only	Each	6930
9	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 Aluminium housing, Polycarbonate Opal Diffuser and P.F.>0.95 with THD<10% ,CRI 80. The LED shall be tested with LM80-08 standard with Useful life of 50000 Hrs at L70 . The LEDs used in the luminaire shall have CCT of ANSI Bin 5700 K only with CRI of minimum 80. The Input voltage range shall be 140V to 280V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc.as required complete in all respects.					
i	Bulk Head	1	1420	Rs. One thousand four hundred twenty only	Each	1420

10	Providing and Fixing of IP20 LED Surface mounted CRCA Powder Coated Box Type Channel with Pro LED Lamp Suitable for mounting 1 X 18 W LED Tube T8 type having minimum system efficacy of 100 lm/W, P.F.>0.95 with THD<10% ,CCT 6500 K,CRI 80, Surge Protection 2 Kv. The LED with Useful life of 50000 Hrs at L70 . The Input voltage range shall be 150V to 270V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc.as required complete in all respects.					
i	LED fixture 1x18 Watt Surface Mounted 4 Feet Ultra Bright LED Tubelight Makes:- Havells	4	867	Rs. Eight hundred sixty seven only	Each	3468
11	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)	1	2567	Rs. Two thousand five hundred sixty seven only	Each	2567
12	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
i	63 Amps	2	530	Rs. Five hundred thirty only	Each	1060

13	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					
i	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	10	696	Rs. Six hundred ninety six only	pmtr	6960
14	Supplying and fixing TP&N copper bus-bar chamber suitable for 415 volts capacity with 4 No. copper strip bus-bars each of length and x-section suitable for following current carrying capacities, 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.					
	63 A Copper Busbar Chambers 15/12/4" in SS Enclosure	1	3828	Rs. Three thousand eight hundred twenty eight only	Each	3828
	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections etc. as required.					
	Fan Regulator 2M	9	422	Rs. Four hundred twenty eight only	Each	3798
	Total:					90372

Draft Schedule of Quantity checked & approved by Mr 901372-19
(Rs. Ninety thousand, three hundred & seventy two only)

Executive Engineer
 Electrical Division
 HP PWD Palampur

HP PWD

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Replacement of old switches , sockets and wire in the residence of District Commissioner therein(Room2,Prayer room,Dressing+bath,room3,main room,dressing,office).

ESTIMATED COST:-96,171/-only.
EARNEST MONEY: Rs.1900/-only
TIME ALLOWED:- Six months

SR. NO.	DESCRIPTION	job No		WORDS	UNIT	AMOUNT
		Qty.	RATES			
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm 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	6	1650	Rs. One thousand six hundred fifty only	Each	9900
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 steel conduit as required					
i	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	9	282	Rs. Two hundred eighty two only	Per Metre	2538
ii	2 X 4.0 sq. mm + 1 X 4.0 sq. mm earth wire	23	395	Rs. Three hundred ninety five only	Per Metre	9085
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: KEI/SSK/Anchor./SCI					

i	3 x 1.5 sq. mm	20	183	Rs. One hundred eighty three only	Per Metre	3660
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. Make: Anchor (Roma Plus)/Schneider (Livia) Legrand (Myrius)/L&T(Entice).	54	601	Rs. Six hundred one only	Each	32454
5	Supplying and fixing suitable size GI box with modular plate and cover in FRL Sont 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).	25	769	Rs. Seven hundred sixty nine only	Each	19225
6	Supplying and fixing following rating Modular switch /socket in the existing switch box excluding cover plate connections etc. as required.					
i	S.P. 5/ 6 Amps one way Modular switch.	75	115	Rs. One hundred fifteen only	Each	8625
ii	S.P. 5/ 6 Amps two way Modular .	13	195	Rs. One hundred ninety five only	Each	2535
iii	Bell push, Modular.	8	274	Rs. Two hundred seventy four only	Each	2192

iv	TV socket Modular.	2	203	Rs. Two hundred & three only	Each	406
v	Telephone socket outlet, Modular.	17	203	Rs. Two hundred & three only	Each	3451
vi	Blank plate modular.	28	75	Rs. Seventy five only	Each	2100
	Total:-					96171

Draft Schedule of Quantity checked & Approved
 for Rs 961171 only
 Rs. Ninety Six thousand one only

Executive Engineer
 Electrical Division
 HPPWD Palampur
 (Signature)

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Providing and fixing of UPS Battery 42AH 12V in the HPPWD (Elect.) Division Palampur Distt Kangra (H.P.)		5		ESTIMATED COST:-88,536/-only. EARNEST MONEY: Rs.1800/-only TIME ALLOWED:- Two Weeks		
SR. NO.	DESCRIPTION	Job No		WORDS	UNIT	AMOUNT
		Qty.	RATES			
1	Supplying, erection, testing & commissioning of Exide SMF Battery 42 AH 12V extra lead acid battery with thicker tubes suitable for UPS as required complete in all respects and to the best satisfaction of Engineer-in-Charge.					
	Battery 42 AH 12V	12	7378	Rs. Seven thousand three hundred sixty eight only	Each	88536
	Makes:- Luminous/Microtek/Sukam/Exide/ Quanta or any other make approved by Engineer-in-Charge.					
	Total:-					88536

Draft Schedule of Quantity checked & Approved
for Rs 88,536/-only
(Rs. Eighty eight thousand, five hundred & thirty six only)

Executive Engineer
Electrical Division
HPPWD Palampur
ADTM

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Providing and laying Armoured cable , LED fittings , accessories In HP PWD Rest House Bajnath and Chobin Tehsil Bajnath Distt. Kangra (H.P.)						
SR. NO.		DESCRIPTION		ESTIMATED COST:-99,720/-only.	EARNEST MONEY: Rs.2000/-only TIME ALLOWED:- One Month	
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 and refilling the trench etc as required, but excluding sand cushioning and protective covering.	job No	RATES	WORDS	UNIT	AMOUNT
2	Armoured cable 6mm ² sq (Twin Core)	75	297	Rs. Two hundred ninety seven only	Per point.	22275
3	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.					
	Armoured cable 6mm ² sq (Twin Core)	60	208	Rs. Two hundred eight only	Per point.	12480
	SCI/Finolex/Plaza make					
3	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 Aluminium housing, Polycarbonate Opal Diffuser and P.F.>0.95 with THD<10% ,CRI 80. The LED shall be tested with LM80-08 standard with Useful life of 50000 Hrs at L70. The LEDs used in the luminaire shall have CCT of ANSI Bin 5700 K only with CRI of minimum 80. The Input voltage range shall be 140V to 280V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc.as required complete in all respects.					

	LED Bulk Head Light 10W	4 ✓	1420	Rs. One thousand four hundred twenty only	Each	5680 ✓
	Makes :-Wipro , Panasonic , Bajaj					
4	Providing and Fixing of IP20 LED fixture of 18 watt +/- 1 W LED Surface Mounted Downlighter Round Shape with minimum system lumen efficacy of 100 lm/W with Polycarbonate housing, pressure die cast heat sink and P.F.>0.95 with THD<10% ,CRI 80. The LED shall be tested with LM80-08 standard with Useful life of 50000 Hrs at L70 . The LEDs used in the luminaire shall have CCT of ANSI Bin 5700 K with CRI of minimum 80. The Input voltage range shall be 150V to 270V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc.as required complete in all respects.	15 ✓	1821	Rs. One thousand eight hundred twenty one only	Each	27315 ✓
	Makes :-Wipro , Panasonic , Bajaj					
5	Providing and fixing LED Batten Light of IP40 Led fixture 40 W+/- 1W with Surface Mounted 4 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 . 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.	10 ✓	2417	Rs. Two thousand four hundred seventeen only	Each	24170 ✓
	Makes :-Wipro , Panasonic , Bajaj					
7	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required	✓				
	5/6 amp Modular switch	10	93	Rs. Ninety three only	Each	930 ✓

15/16amp switch	10	164	Rs. One hundred sixty four only	Each	1640
3 pin 5/6 amp socket outlet	10	136	Rs. One hundred thirty six only	Each	1360
6 pin 15/16 amp socket outlet	10	231	Rs. Two hundred thirty one only	Each	2310
Bell Push	10	156	Rs. One hundred fifty six only	Each	1560
Make :- Schneider/L&T/Legrand					
Total:-					99720

Cost Schedule & Quantity checked for Approval for
Pgr. 99720 only

Executive Engineer
Electrical Division
HPPWD Palampur

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Replacement of old & damaged Inverter & Batteries into new Inverter & Batteries in HPPWD Rest House Jawalamukhi in Tehsil Jawalamukhi Distt. Kangra (H.P.).

ESTIMATED COST:- 99,251/-only.
EARNEST MONEY: Rs.2000/-only
TIME ALLOWED:- one Month

SR. NO.	DESCRIPTION	job No		WORDS	UNIT	AMOUNT
		Qty.	RATES			
1	Supplying, Erection, Testing & commissioning of Pure sine wave inverter having following capacity suitable for back up of power supply as required complete in all respects and to the best satisfaction of Engineer in charge.					
i	Inverter/UPS OPTIMUS 3800+ (3.5KVA/36V)					
	Makes: Luminous/Microtek/Delta Power/V-guard.	1 ✓	25527	Rs. Twenty five thousand five hundred twenty seven only		25527 ✓
2	Supplying, Erection, Testing & commissioning of Tall Tabular Battery 12V 200Ah extra lead acid battery with thicker tubes suitable for inverter and Trolley for Inverter and Tall tabular Batteries as required complete in all respects and to the best satisfaction of Engineer in charge.					
i	Model No. ILTT 25060-Tall Tabular Battery 12V 200Ah					
	Makes: Luminous/Microtek/Sukam/Quanta.	3 ✓	23318	Rs. Twenty three thousand three hundred eighteen only	P/Mtr.	69954 ✓
3	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVCconduit as required. Makes:- KEI,L&T,Finolex.	1 ✓				
i	1x2.5Sq. mm.	30	59	Rs. Fifty nine only	P/Mtr.	1770 ✓

ii	1x4 Sq. mm.	25	80	Rs. Eighty only	P/Mtr.	2000
	Less Credit Of useful Dismantal Material(5000)					
	Total:-					99251

Draft Schedule of Quantity checked &
Approved for Rs 99,251 only

Executive Engineer
Electrical Division
HPPWD Palampur
[Signature]

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- C/O Sarai on Ward No. 1 G.P Jia Khas in Tehsil Palampur Distt. Kangra HP (Sh:- Prov. El therein).					8		ESTIMATED COST:-59,103/-only. EARNEST MONEY: Rs.1200/-only TIME ALLOWED:- Six Months	
SR. NO.	DESCRIPTION	Job No		WORDS	UNIT	AMOUNT		
		Qty.	RATES					
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 heavy class PVC conduit having wall thickness minimum 2 mm with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required							
	Group C.	18 ✓	1143	Rs. One thousand one hundred forty three only	Per point.	20574		
	KEI/Finolex/Plaza/Anchor make for Switches : Schneider (Livia) Legrand (Myrius) L&T (Entic)							
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 heavy class PVC conduit having wall thickness 2.0mm as required							
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	15 ✓	311	Rs. Three hundred eleven only	P/Mtr.	4665 ✓		
	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	6 ✓	524	Rs. Five hundred twenty nine only	P/Mtr.	3144 ✓		
	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	10 ✓	249	Rs. Two hundred forty nine only	P/Mtr.	2490 ✓		
	2x6Sqmm+ 1 X 6 sq. mm earth wire	2 ✓	432	Rs. Four hundred thirty two only	P/Mtr.	864 ✓		
	KEI/Finolex/ Plaza/Anchor make							

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						
	3 X 2.5 sq. mm	10	151	Rs. One hundred fifty one only	P/Mtr.	1510	
	KEI/Finolex/ Plaza/Anchor make						
4	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.	3	621	Rs. Six hundred twenty one only	No	1863.761961	
	Make :- Schenider/L & T/LeGrand						
5	Providing, Installation, testing and commissioning of ceiling fan with regulator including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required:						
	Ceiling Fan 1200 mm sweep, Category-A	3	2791	Rs. Two thousand seven hundred ninety one only	Each	8373	
	Makes :- Ceiling Fan 1200 mm sweep, Category-A usha Technix Plus 5 Star, Crompton, Bajaj						
6	Supplying and fixing batten/ angle holder including connection etc. as required.	8	88	Rs. Eighty eight only	Each	704	
	Makes :- Anchor /Phlips/ SSK)						

7	Providing and Fixing of IP20 LED Surface mounted CRCA Powder Coated Box Type Channel with Pro LED Lamp Suitable for mounting 1 X 18 W LED Tube T8 type having minimum system efficacy of 100 lm/W, P.F.>0.95 with THD<10%, CCT 6500 K, CRI 80, Surge Protection 2 Kv. The LED with Useful life of 50000 Hrs at L70 . The Input voltage range shall be 150V to 270V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc.as required complete in all respects.	4	897	Rs. Eight hundred ninety seven only	Each	3588
	LED fixture 1x18 Watt Surface Mounted 4 Feet Ultra Bright LED Tubelight					
	Makes :- Panasonic Philips/ Wipro.					
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, neutral link, earth bar, din-bar, interconnections, powder painted, including earthing etc. as required:-(But without MCB/RCCB/isolator)					
	Double door-12 way	1	2055	Rs. Two thousand fifty five only	Each	2055
	L&T/Legrand/Schneider make					
9	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	239	Rs. Two hundred thirty nine only	Each	478
	16 Amp Single pole. Cat-A.	3	239	Rs. Two hundred thirty nine only	Each	717
	L&T/Legrand/Schneider make					

10	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	426	Rs. Four hundred twenty six only	Each	426	
	L&T/Legrand/Schneider make						
11	Supplying and fixing 18 Watt LED Lamp on existing light point as required.	8	150	Rs. One hundred fifty only	Each	1200	
	Phillips, Bajaj, Panasonic						
12	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	6021	Rs. Six thousand twenty one only	set.	6021	
13	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.	10	43	Rs. Forty three only	mtrs.	430	
	Total:-					59103	

Draft Schedule of Quantity
 Checked &
 Approved for IP. 59,103 only

Executive Engineer
 Electrical Division
 HPPWD Palampur


DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Providing and fixing of UPS Battery in the HPPWD (Elect.)Sub Division Palampur Distt Kangra (H.P.)		9		ESTIMATED COST:-81,214/-only. EARNEST MONEY: Rs.1700/-only TIME ALLOWED:- Two Weeks		
SR. NO.	DESCRIPTION	job No		WORDS	UNIT	AMOUNT
		Qty.	RATES			
1	Supplying, erection, testing & commissioning of Exide SMF Battery 65 AH 12V extra lead acid battery with thicker tubes suitable for UPS as required complete in all respects and to the best satisfaction of Engineer-in-Charge.					
	Battery 65 AH 12V	6 ✓	8617	Rs. Eight thousand six hundred seventeen only	Each	51702 ✓
	Supplying, erection, testing & commissioning of Exide SMF Battery 42 AH 12V extra lead acid battery with thicker tubes suitable for UPS as required complete in all respects and to the best satisfaction of Engineer-in-Charge.					
	Battery 42 AH 12V	4 ✓	7378	Rs. Seven thousand three hundred seventy eight only	Each	29512 ✓
	Makes:- Luminous/Microtek/Sukam/Exide/ Quanta or any other make approved by Engineer-in-Charge.					
	Total:-					81214 ✓

Draft Schedule of Quantity checked & Approved by
 As 819214 only

Executive Engineer
 Electrical Division
 HPPWD Palampur

(Signature)

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Providing and fixing Geyser in various Rest Houses under ESD Palampur Distt Kangra (H.P.)						ESTIMATED COST:-99,242/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED:- one Month ✓	
SR. NO.	DESCRIPTION	Job No		WORDS	UNIT	AMOUNT	
		Qty.	RATES				
1	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)	7 ✓	12806	Rs. Twelve thousand eight hundred six only	Each	89642	
	Makes:- Bajaj,Usha,Recold	16 ✓	350	Rs. Three hundred fifty only	Each	5600 ✓	
2	Supplying and Fixing Geyser Element 1500watt in existing Geysers as required . Complete in all respect.	16 ✓	250	Rs. Two hundred fifty only	Each	4000 ✓	
3	Supplying and Fixing Geyser Thermostat in existing Geysers as required . Complete in all respect.						
	Total:-					99242	✓

Draft Schedule of Quantity checked & Approved by
Dr. 99,242/-only


 Executive Engineer
 Electrical Division
 HPPWD Palampur

DRAFT SCHEDULE OF QUANTITY

DRAFT SCHEDULE OF QUANTITY						
NAME OF WORK :- Replacement of old and damaged 18 Ah batteries for 6 KVA and 3KVA UPS installed in the meeting hall (Room no 823) of Deputy Commissioner Kangra at Dharamshala.			(12)	ESTIMATED COST:-70,732/-only. EARNEST MONEY: Rs.1500/-only TIME ALLOWED:- Three Months ✓		
SR. NO.	DESCRIPTION	Job No		WORDS	UNIT	AMOUNT
		Qty.	RATES			
1	Supplying, erection, testing & commissioning of batteries having following capacity sealed maintenance free-lead acid battery with suspended electrolyte (leak proof) suitable for different capacities UPS System etc. as required complete in all respects and to the best satisfaction of Engineer-in-Charge.					
1.1	Battery 12 Volt 18 Ah Makes:- Exide /Amron/ Quanta.	6 ✓	2498	Rs. Two thousand four hundred ninety eight only	Each	14988 ✓
1.2	Battery 12 Volt 26 Ah Makes:- Exide /Amron/ Quanta.	16 ✓	3484	Rs. Three thousand four hundred eighty four only	Each	55744
Total:-						70732

Draft Schedule of Quantity checked
8 Approved for Rs 70,732/-only

Executive Engineer
Electrical Division
HPPWD Palampur
(Signature)

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- R/M of E.I in various Govt. residential buildings under ESD Dharamshala Distt Kangra (H.P) (SH: Repair of E.I and providing Geysers in type III and type IV qtrs. therein).

(12)

ESTIMATED COST:- 99,181/-only.
EARNEST MONEY: Rs.2000/-only
TIME ALLOWED:- Three Months

SR. NO.	DESCRIPTION	Job No		WORDS	UNIT	AMOUNT
		Qty.	RATES			
1.00	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed heavy class PVC conduit having wall thickness minimum 2 mm with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required					
1.01	Group A	12	803	Rs. Eight hundred three only	Per poin	9636
2.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. Make: KEI/Plaza/Anchor.					
2.01	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	30	395	Rs. Three hundred ninety five only	per metr	11850
3.00	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. Make: KEI/Plaza/Anchor.					

3.01	3 X 1.5 sq. mm	45	100	Rs. One hundred only	per metre	4500 ✓
3.02	3 X 4 sq. mm	30	220	Rs. Two hundred twenty only	per metre	6600 ✓
4.00	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.					
4.01	S.P. 5/ 6 Amps one way switch, piano type.	50	42	Rs. Forty two only	Each	2100 ✓
4.02	Bell push, piano type.	6	71	Rs. Seventy one only	Each	426 ✓
4.03	S.P. 15/16 Amps one way switch, porcelain base/ piano type.	15	116	Rs. One hundred sixteen only	Each	1740 ✓
4.04	5 pin 5/ 6 Amps socket outlet, porcelain base/ piano type.	10	57	Rs. Fifty seven only	Each	570 ✓
4.05	6 pin 15/16 Amps socket outlet, porcelain base/ piano type.	12	123	Rs. One hundred twenty three only	Each	1476 ✓
5.00	Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLS on including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required. (For light plugs to be used in non residential buildings)	15	265	Rs. Two hundred sixty five only	Each	3975 ✓

6.00	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLS on including providing and fixing 6 pin 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required.	10 ✓	406	Rs. Four hundred six only	Each	4060 ✓
7.00	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:-	6 ✓	206	Rs. Two hundred six only	Each	1236 ✓
8.00	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes by means of Expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, providing and fixing of Non-return valve, Dead weight safety valve, 2 No C.P. connection rods 18" long, making good the damages, electrical connections, safety valve connections, testing and commissioning etc. as required:-					
8.01	25 Litr capacity water heater (Cat-A) Makes: Usha/Bajaj/Racold	3 ✓	12806	Rs. Twelve thousand eight hundred six only	Each	38418 ✓
9.00	Providing and fixing LED tube fixture (including the cost of Batten/channel and LED Lamp) suitable for surface application with the use of the latest technology 18 watt (1800 Lumen) 6000K and it should be compatible with specification i.e. Power Factor ≥ 0.9 , Harmonic Distortion $<10\%$ and efficacy ≥ 100 Lumens per watt, CRI rating > 80 suitable for input voltage: AC 220-240 V, 50 Hz, complete with all accessories, connections, testing and commissioning etc. as required. Makes: Havells/ Bajaj/ Philips /Wipro.	10 ✓	867	Rs. Eight hundred sixty seven only	Each	8670 ✓

10.00	Supplying and fixing LED lamps of following watt with polycarbonate diffuser on the existing light point as required complete in all respect .					
10.01	LED Lamp 12 watt	12	187	Rs. One hundred eighty seven only	Each	2244
11.00	Supplying and fixing following type Plug Top on the existing Light Point, Heat Pillar, Room Heater including connections etc. as required complete in all respects.					
11.01	6 amps 3 Pin Plug Top	10	73	Rs. Seventy three only	Each	730
11.02	16 amps 3 Pin Plug Top	10	95	Rs. Ninety five only	Each	950
	Total:-					99181

Part Schedule of Monthly Check
 & Approved for Rs 99181/-

Executive Engineer
 Electrical Division
 HPPWD Palampur

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Providing and installation of electrical points for the opening of the Judicial Court Complex at Fatehpur, in Tehsil Fatehpur Distt. Kangra (H.P.).

ESTIMATED COST:- 98,838/-only.
EARNEST MONEY: Rs.2000/-only
TIME ALLOWED:- One Year

SR. NO.	DESCRIPTION	Job No		WORDS	UNIT	AMOUNT
		Qty.	RATES			
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 heavy class PVC conduit having wall thickness minimum 2 mm with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq. mm. FRLS PVC insulated copper conductor single core cable etc as required. Make: Finolex/Plaza/Anchor Anchor (Penta)/ Havells(Reo)/SSK.					
i) Group C.		11	1143.00	Rs. One thousand one hundred forty three only	Per Point	12573
2	Wiring for circuit/ submain 2 X 4 sq. mm + 1 X 4 sq. mm wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed heavy class PVC conduit having wall thickness 2.0mm as required. Make: Finolex/Plaza/Anchor/SCI.	65	311.00	Rs. Three hundred eleven only	Per Meter	20215
3	Wiring for circuit/ submain 4 X 4 sq. mm + 2 X 4 sq. mm wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed heavy class PVC conduit having wall thickness 2.0mm as required. Make: Finolex/Plaza/Anchor/SCI.	85	524.00	Rs. Five thousand twenty four only	Per Meter	44540
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 heavy class PVC conduit having wall thickness 2.0mm as required. Make: Finolex/Plaza/Anchor/SCI.					

i)	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	7	198.00	Rs. One hundred ninety eight only	Per Meter	1386
ii)	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	32	432.00	Rs. Four hundred thirty two only	Per Meter	13824
8	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: Finolex/Plaza/Anchor/SCI.					
i)	3 x 1.5 sq. mm	73	100.00	Rs. One hundred only	Per Meter	7300
Total:-						99838

Draft Schedule of Quantity checked & Approved
for Rs 99838/-

[Signature]
 Executive Engineer
 Electrical Division
 HPPWD Palampur

DRAFT SCHEDULE OF QUANTITY

DRAFT SCHEDULE OF QUANTITY					
NAME OF WORK :- Providing and installation of computer points, ceiling fans, LED fittings, etc., for the opening of the Judicial Court Complex at Fatehpur, in Tehsil Fatehpur Distt. Kangra (H.P.).				ESTIMATED COST:-99,452/-only. EARNEST MONEY: Rs.2000/-only TIME ALLOWED:- One Year	
SR. NO.	DESCRIPTION	job No		UNIT	AMOUNT
		Qty.	RATES		
1	Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLS including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required. (For light plugs to be used in non residential buildings). Make: Plaza/Finolex/Polycab/ SCL/Anchor (Roma Penta)/ Havells(Reo)/SSK.	15	265.00	Rs. Two hundred sixty five only each	3975
2	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 front including providing and fixing 6 pin 5/6 & 15/16 A socket outlet and 15/16 A piano type switch, connections, painting etc. as required. Make: Plaza/Finolex/Polycab/ Anchor (Roma Penta)/ Havells(Reo)/SSK.	14	406.00	Rs. Four hundred six only each	5684
3	Supplying and fixing Computer board comprising metal box 200 mmx150 mmx75 mm for 3 nos 5 amp piano type switches and 3 Nos 5 amp sockets comprising 3 mm thick phenolic laminated sheet cover for metal box, including connections etc as required.	12	615.00	Rs. Six hundred fifteen only each	7380
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. Make: Finolex/Plaza/Anchor/SCL.				

i)	3 x 1.5 sq. mm	108	100.00	Rs. One hundred only	Per Meter	10800
5	Providing, Installation, testing and commissioning of ceiling fan ISI mark with 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.					✓
i)	Ceiling Fan 1200 mm sweep (Make: Usha, Model: Technix Plus)/Bajaj(Model: Sabse Tezz Kassels).	3	2592.00	Rs. Two thousand five hundred ninety two only	Each	7776
6	Providing and installation of IP20 Led fixture 20 W+/- 1W with Surface Mounted 4 Feet Batten Fixture with system efficacy $\geq 110\text{lm/W}$ with Aluminium housing 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 5- 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.					✓
i)	LED Batten 20W, 4 feet long (Make: Jaquar, cat no. BTI-WHT-LGLZ01X020XC)/Bajaj/Panasonic.	8	458.00	Rs. Four hundred fifty eight only	Each	3664
7	Providing and installation of LED 30 watt street light luminaries, powder coated pressure die-cast aluminium SMDLED streetlight with heat resistant toughened glass it should be compatible with specification i.e. power factor ≥ 0.9 , Harmonic Distortion $< 10\%$ and efficiency ≥ 100 Lumens per watt, CRI rating > 70 suitable for input voltage: AC 220-240 V, 50 Hz, including connection, testing and commissioning etc. as required. Make:- Panasonic/Wipro/Bajaj.					

i)	LED Street Light 30 W (Make:-Panasonic/Wipro/Bajaj).	4	2749.00	Rs. Two thousand seven hundred forty nine only	Each	10995
8	Supplying and installation 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:-	4	787.00	Rs. Seven hundred eighty seven only	Each	3148
9	Providing and Fixing of 1200 mm X 300 mm LED fixture 36 W +/- 1W Surface mounted fixture with HET 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. 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.					
	LED Panel 4'x1' 36 watt (Make:- Wipro cat no CRCO18S036HP57) Philips/Leksa.	1	3964	Rs. Three thousand nine hundred sixty four only	Each	3964
10	Providing and Fixing of IP20 LED fixture of 15 watt +/- 1 W LED Recess Mounted Downlighter Round Shape with minimum system lumen efficacy of 100 lm/W with Polycarbonate housing, pressure die cast heat sink and P.F.>0.95 with THD<10% , CRI 80. The LED shall be tested with LM80-08 standard with Useful life of 50000 Hrs at L70 . The LEDs used in the luminaire shall have CCT of ANSI Bin 5700 K with CRI of minimum 80. The Input voltage range shall be 150V to 270V , 50/60 HZ complete with all accessories, including connections, testing and commissioning etc.as required complete in all respects.					

i)	LED Down Light 15 watt, (Make: Wipro, Cat no LD80-131-XXX-60-XX)/ Panasonic/Bajaj.	6	1211	Rs. one thousand two hundred eleven only	Each	7266
11	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:- Anchor/ Schneider/ Legrand/L&T)	23	239.00	Rs. Two hundred thirty nine only	Each	5497
12	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:- Anchor/ Schneider/ Legrand/L&T)	3	530.00	Rs. Five hundred thirty only	Each	1590
13	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-8 way (Make:- Anchor/ Legrand/L&T)	2	1703.00	Rs. One thousand seven hundred three only	each	3406
ii)	Double door-16 way (Make:- Anchor/ Legrand/L&T)	1	2055.00	Rs. Two thousand fifty five only	each	2055
14	Supplying and fixing of following sizes of PVC conduit of medium class with 1.4 mm thickness along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required:- (Make: BEC Plas/Anchor)					
i)	25 mm. dia	25	99.00	Rs. Ninety nine only	Per Meter	2475

15	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	Rs. Six thousand one hundred eighty eight only	Set	6188
16	Supplying and laying 6 SWG G.I. wire at 0.50 mtr. below ground level for conductor earth electrode, including connection/termination with GI thimble etc. as required.	30	41.00	Rs. Forty one only	Per Meter	1230
17	Supplying and fixing bakelite batten/angle holder including connections etc. as required:- Make: Anchor/Gold Medal.	4	92.00	Rs. Ninety two only	each	368
18	Providing and fixing LED Bulb 9 watts to 10 watt in the existing fixture as required complete in all respect.	4	150.00	Rs. One hundred fifty one only	each	600
19	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:					
	Exhaust Fan, Light duty, (Domestic) 250 mm sweep (plastic body with louvers)	1	2267.00	Rs. Two thousand two hundred sixty seven only	each	2267
20	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 as required.					
	Wall Fan, 400 mm sweep (Makes:- Bajaj Esteem 400)/Usha (Model: Air Flo)/ Anchor (Model: Fancy)/Crompton (Model: High Flo).	3	3041.00	Rs. three thousand forty only	Each	9123
	Total:-					99452

Drift Schedule of Quantity Checked & Approved by
Pr 999452 by

Executive Engineer
Electrical Division
HPPWD Palampur

[Signature]