

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No.: PW/ESDD/CONT/2024-25/- 279-282

Dated: 04-02-2025

To

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


Subject: Publishing of Tender Notice.

Jai Hind

Enclosed please find herewith the Tender Notice of works as given in the Notice Inviting 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


Assistant Engineer
Electrical Sub Division
HPPWD Dharamshala

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

1. The Executive Engineer, Electrical Division HPPWD Palampur.
2. The Superintending Engineer, 2nd Electrical Circle, HP PWD Dharamshala.
3. The Notice board in this office.

✓
Assistant Engineer
Electrical Sub Division
HPPWD Dharamshala

CERTIFICATE

CERTIFIED THAT THE TENDERS OF WORKS AS CALLED VIDE THIS OFFICE LETTER NO.
PW/ESDD/TA/NIT/2024-25/ 279-282 DATED: 04-02-2025 ARE URGENT OF
NATURE AND PUBLIC INTREST



Assistant Engineer
Electrical Sub Division
HPPWD Dharamshala

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

Sealed percentage rate tenders on form 6&B 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 21-02-2025 up to 11.00 AM, and the same shall be opened on the same day at 11.30 A.M. in the presence of intending contractors or their authorized representatives. The tender documents/forms can be had from his office against cash payment (Non-refundable) on 20-02-2025 between 2.00P.M. to 4.00 P.M. and the application for issue of tender forms shall be received on 19-02-2025 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. 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.
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	R/M of E.I of Vidhan Sabha Complex at Tapovan Dharamshala Distt. Kangra (HP) (SH:- Supplying and fixing Oil filled Radiator for Hon'ble Speaker Room, DY Speaker Room and Hon'ble CM Room). During Session December 2024.	94134/-	1900/-	Six Months	8	350/-
2	Repair and maintenance of 3 KVA UPS Installed in Sr. Architect office Dharamshala in Distt. Kangra (HP) (SH:- Replacement of old and unserviceable 65 Ah Battery and providing DG set Supply therein).	70820/-	1500/-	Three Months	8	350/-
3	R/M of E.I of Vidhan Sabha Complex at Tapovan Dharamshala Distt. Kangra (HP) (SH:- Replacement of old and damaged Hose reeles Nozzle, Ball Valve, Gate Valve, Hose Pipe) for the year December 2024.	72220/-	1500/-	Three Months	8	350/-
4	R/M of E.I of Vidhan Sabha Complex at Tapovan Dharamshala Distt. Kangra (HP) (SH:- Supplying and fixing E.I. material during Session December 2024).	97863/-	2000/-	Three Months	8	350/-
5	R/M of E.I of Vidhan Sabha Complex at Tapovan Dharamshala Distt. Kangra (HP) (SH:- Replacement of old and damaged Sub Panel with per Phase isolation (PPI) system in Main Vidhan Sabha Building). For Session December 2024.	96756/-	2000/-	Three Months	8	350/-
6	R/M of E.I of Vidhan Sabha Complex at Tapovan Dharamshala Distt. Kangra (HP) (SH:- Replacement of burnt Panel of fountain with new Panel for Session December 2024.	83738/-	1700/-	Six Months	8	350/-
7	Replacement of damaged wiring at Type-2 Qtrs (set No.- 5) Block B under General Pooled Accommodation Near Education Board.	97558/-	2000/-	One Month	8	350/-
8	Replacement of damaged wiring at Type-2 Qtrs (set No.- 6) Block B under General Pooled Accommodation Near Education Board.	97558/-	2000/-	One Month	8	350/-
9	Replacement of damaged wiring at Type-2 Qtrs (set No.- 7) Block B under General Pooled Accommodation Near Education Board.	97558/-	2000/-	One Month	8	350/-
10	Replacement of damaged wiring at Type-2 Qtrs (set No.- 8) Block B under General Pooled Accommodation Near Education Board.	97558/-	2000/-	One Month	8	350/-

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DRAFT SCHEDULE OF QUANTITY

NAME OF WORK:- R/M of E.I of VIDHAN SABHA Complex at Tapovan Dharamshala Distt Kangra (H P) (SH : Supplying and fixing Oil filled Radiator for Hon'ble Speaker Room, Dy Speaker Room and Hon'ble CM Room). During Session December 2024.

SR.N o.	DESCRIPTION	QTY.	ESTIMATED COST: Rs. 94,134/-only. EARNEST MONEY: Rs. 1,900/-only. TIME ALLOWED: Six Months		UNIT	AMOUNT
			FIGURES	RATES WORDS		
1.00	Supplying and Fixing 13 Fins oil Filled Heater in OFR , oil is electrically heated inside the body of heater , which when circulated heats up the surrounding air and warms the room . They are one of the most efficient and heating forms of heating appliances as they are able to store heat for a long time even after being turned off and dont use Oxygen for heating. salient Fictures:-500 watt fan for Faster Heating ,Adjustable Thermostate,Powder coated fan for rust protection,Cord winder easy storage,Recess handles and castor,Wheels for portability, in build Tip over Switch etc. as required complete in all respects. Makes. Usha/Havells	6 Nos	15689	Rs. Fifteen Thousand Six Hundred Eighty Nine only.	Each	94134.00
					Total	94134.00

Schedule of Quantity checked & Approved for Rs.94134.00/-

Assistant Engineer,
Electrical Sub-Division,
HP PWD Dharamshala.

Executive Engineer
Electrical Division
HP PWD Palampur

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK:- Repair and Maintenance of 3 KVA UPS installed in Sr. Architect office Dharanashala in Dist Kangra (H.P.) (SH: Replacement of old and unserviceable 65 Ah Battery and providing DG set Supply therein)

Job No. 102

ESTIMATED COST: Rs. 74,090/- only. 70,820/- only
EARNEST MONEY: Rs. 1,500 /- only.
TIME ALLOWED: Three Months

SR.N o.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1.00	Supplying, Installation, testing & commissioning of following capacity sealed maintenance free battery suitable for 3 KVA UPS System as required complete in all respects.					
1.01	SMF Battery 12 Volt 65 Ah Makes: Exide/Quanta	6	Nos	8309	Rs. Eight Thousand Three Hundred Nine only.	Per metre 49854.00
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					
2.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	30	Metre	282	Rs. Two Hundred Eighty Two only.	Each 8460.00
3.00	Providing, laying and fixing of one No. aluminium conductor, PVC insulated and PVC unsheathed cable aluminium conductor, working voltage 1100 volts grade on surface etc. of the required size: - (Make: - KEI/ Plazal/Havells).					
3.01	Aluminium unsheathed cable 16 sq. mm (Twin core)	90	Metre	89-92-	Rs. Ninety Two only.	Each 89-92-8280.00
4.00	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)					
4.01	8 way, Double door	1	Nos	1703	Rs. One Thousand Seven Hundred Three only.	Each 1703.00
5.00	Providing and fixing following rating, Double pole, 230 volts, Modular change over switch unit, in existing steel enclosure, including drilling holes on the board, making connections, etc. as required. Makes: Legrand/L&T.					
5.01	63 amps. Double Pole, On Load Change over switch	1	Nos	2315	Rs. Two Thousand Three Hundred Fifteen only.	Each 2315.00

6.00	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.							
6.01	Single pole							
		2	Nos	239	Rs. Two Hundred Thirty Nine only.	Each	478.00	
				Total			71090.00	

70820

Schedule of Quantity checked & Approved Rs 70820 only

Assistant Engineer,
Electrical Sub-Division,
HP PWD Dharamshala.

Executive Engineer
Electrical Division
HP PWD Palampur

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK:- R/M of E.I of VIDHAN SABHA Complex at Tapovan Dharamshala Dist Kangra (H.P) (SH Replacement of old and damaged Hose reels Nozzle, Ball Valve, Glass for Hose Cabinet, Hydrant mouth Cap, painting and priming of hydrant, Gland for Gate Valve, Hose Pipe) for the year December 2024.

JLS No
(3)

ESTIMATED COST: Rs. 72,220/-only.
EARNEST MONEY: Rs. 1,500 /-only.
TIME ALLOWED: Three Months

SR.N	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1.00	Replacement of Hose Reels Nozzle Heavy Duty 5mm dia Complete in all respect.	5 Nos.	1050	Rs. One Thousand Fifty only.	Each	5250.00
2.00	Replacement of Gland Packing for th Gate Valve/ Sluice Valve having 150 mm dia.	11 Nos.	550	Rs. Five Hundred Fifty only.	Each	6050.00
3.00	Replacement of 25 mm dia Gate Valve complete in all respect.	5 Nos.	1650	Rs. One Thousand Six Hundred Fifty only.	Each	8250.00
4.00	Replacement of Hose Cabinet Front Glass with Hose Rubber Beeding Cin Proper position Complete in all respect.	8 Nos.	750	Rs. Seven Hundred Fifty only.	Each	6000.00
5.00	Painting and Priming of Hydrant and Gate Valve Post and Horizontal and Vertical M S Pipe line having 80 or 150 mm dia.Hose Cabinet Complete in all repeat	16 Nos.	650	Rs. Six Hundred Fifty only.	Each	10400.00
6.00	Refilling of Portable Fire extinguishers,CO2 type 4.5 kg. Capacity complete in all respect.	13 Nos.	1450	Rs. One Thousand Four Hundred Fifty only.	Each	18850.00
7.00	Refilling of Portable Fire extinguishers Water type(S/P) Capacity 9 litres complete in all respect.	4 Nos.	800	Rs. Eight Hundred only.	Each	3200.00
8.00	Refilling of Portable Fire extinguishers ABC type (filled with 50 Map Powder) 6 kg.capacity complete in all respect.	3 Nos.	1590	Rs. One Thousand Five Hundred Ninety only.	Each	4770.00
9.00	Replacement of Co2 Hose Pipe 1 Meter Capacity with hose and Horn Complete in all respect.	9 Nos.	850	Rs. Eight Hundred Fifty only.	Each	7650.00
10.00	Replacement of Hydrant Mouth Cap With G.I Chain Complete in all respect	6 Nos.	300	Rs. Three Hundred only.	Each	1800.00
			Total			72220.00

Schedule of Quantity checked & Approved for R.S 72220.00 only

Executive Engineer
Electrical Division
HP PWD Palampur

Assistant Engineer,
Electrical Sub-Division,
HP PWD Dharamshala.

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DRAFT SCHEDULE OF QUANTITY

NAME OF WORK:- RM of E.I of VIDHAN SABHA Complex at Tapovan Dharamshala Dist Kangra (H.P) (SH : Supplying and fixing E.I. material during the session December 2024).

Job No 766
(4)
ESTIMATED COST: Rs. 97,863/-only.
EARNEST MONEY: Rs. 2,000 /-only.
TIME ALLOWED: Three Months

SR.N o.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed Medium class PVC conduit having wall thickness 1.6mm as required Make: KEI/Plaza/Anchor.					
1.01	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	90	Metre	311	Rs. Three Hundred Eleven only.	27990.00
2.00	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. Make: Anchor/Goldmedal/SSK.					
2.01	Bell push, piano type.	2	Nos	71	Rs. Seventy One only.	142.00
3.00	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Make: Anchor/Goldmedal/SSK.					
3.01	Bell push, Modular.	5	Nos	156	Rs. One Hundred Fifty Six only.	780.00
4.00	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. Make: Anchor/Goldmedal/SSK.	4	Nos	265	Rs. Two Hundred Sixty Five only.	1060.00
5.00	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 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required. Make: Anchor/Goldmedal/SSK.	2	Nos	406	Rs. Four Hundred Six only.	812.00
6.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. Make: L&T /Schneider / Legrand.	12	Nos	469	Rs. Four Hundred Sixty Nine only.	5628.00

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7.00	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: L&T/Schneider/ Legrand.	2	Nos	621	Rs. Six Hundred Twenty One only.	Each	1242.00
8.00	Supplying and fixing 6 A to 32 A rating, 240/415 V, 10 KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
8.01	Single pole 6 Amp (Make:- Anchor/ Schneider/ Legrand/L&T)	39	Nos	239	Rs. Two Hundred Thirty Nine only.	Each	9321.00
8.02	Single pole 16/32 Amp (Make:- Anchor/ Schneider/ Legrand/L&T)	45	Nos	239	Rs. Two Hundred Thirty Nine only.	Each	10755.00
9.00	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
9.01	40 Amps. (Make:- Anchor/ Schneider/ Legrand/L&T)	12	Nos	426	Rs. Four Hundred Twenty Six only.	Each	5112.00
9.01	63 Amps. (Make:- Anchor/ Schneider/ Legrand/L&T)	12	Nos	530	Rs. Five Hundred Thirty only.	Each	6360.00
10.00	Providing and fixing Inverter LED batten with square profile 2 Feet with Polycarbonate channel lithium ion battery with charging time 8-10 hours and backup upto 4 hours. 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. Makes:- Panasonic/Wipro/Havells.	1	Nos	682	Rs. Six Hundred Eighty Two only.	Each	682.00
11.00	Supplying and fixing LED lamps of following watt with polycarbonate diffuser on the existing light point as required complete in all respect.						
11.01	LED Lamp 9 watt Makes: Havells/Wipro/Philips	20	Nos	132	Rs. One Hundred Thirty Two only.	Each	2640.00
11.02	LED Lamp 12 watt Makes: Havells/Wipro/Philips	10	Nos	187	Rs. One Hundred Eighty Seven only.	Each	1870.00
12.00	Supplying and drawing copper conductor, multicore cable for Extension board etc. as required complete in all respects.						
12.01	Three core 2.5 sqmm Make: KEI/Plaza/Anchor.	30	Nos	153	Rs. One Hundred Fifty Three only.	Each	4590.00

13.00	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.						
13.01	6 amps 3 Pin Plug Top Make: Anchor/Goldmedal/Havells.	10	Nos	58	Rs. Fifty Eight only.	Each	580.00
13.02	15 amps 3 Pin Plug Top Make: Anchor/Goldmedal/Havells.	10	Nos	76	Rs. Seventy Six only.	Each	760.00
14.00	Supplying and fixing wireless door bell as required complete in all respects:- Make: Anchor/Goldmedal/Havells.	3	Nos	671	Rs. Six Hundred Seventy One only.	Each	2013.00
15.00	Providing and erection of LED Flood light 100 watt 5700K 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: Panasonic/Philips/ Bajaj/Wipro.	1	No	8420	Rs. Eight Thousand Four Hundred Twenty only.	Each	8420.00
16.00	Supplying and fixing following rating, four pole (Three phase & neutral) 415 volts, 2-way centre off changeover switch, in sheet steel enclosure, including drilling holes on the board, making connections, etc. as required. Makes: Legrand/L&T.						
16.01	100 amps,, On Load Change over switch four pole (Three phase & neutral) 415 volts	1	No	7106	Rs. Seven Thousand One Hundred Six only.	Each	7106.00
					Total		97863.00

Schedule of Quantity checked & Approved for Rs 97863.00 only

Executive Engineer
Electrical Division
HP PWD Palampur

Assistant Engineer,
Electrical Sub-Division,
HP PWD Dharamshala.

DRAFT SCHEDULE OF QUANTITY

16

NAME OF WORK:- R/M of E.I of VIDHAN SABHA Complex at Tapovan Dharamshala Distt Kangra (H.P.) (SH : Replacement of old and damaged Sub Panel with Per Phase Isolation (PPI) system in Main Vidhansabha building). for Session December 2024.								ESTIMATED COST: Rs. 96,756/-only. EARNEST MONEY: Rs. 2,000 /-only. TIME ALLOWED: Three Months	
S.R.N o.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT			
			FIGURES	WORDS					
1.00	Supplying and fixing of following sizes of medium class FRLS PVC conduit 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. Make: BEC/ Diplas/Anchor.								
1.01	40 mm. dia	240	Metre	129 Rs. One Hundred Twenty Nine only.	Per metre	30960.00			
2.00	Supplying and fixing 6 A to 32 A rating, 240/415 V, 10 KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.								
2.01	Single pole 6-32 Amp. (Make:- Anchor/ Schneider/ Legrand/L&T)	36	Nos	239 Rs. Two Hundred Thirty Nine only.	Each	8604.00			
3.00	Supplying and fixing of following way triple pole and neutral, sheet steel MCB distribution board, 415 volts, on surface / recess, with provision to mount 4 pole MCCB incomer, 2 module sub-incomer and SP MCBs as outgoing, complete with tinned copper bus- bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required.								
3.01	Double door 2+12 way (MCCB+6+36) module. (Make:- Schneider/ Legrand/L&T)	3	Nos	13628 Rs. Thirteen Thousand Six Hundred Twenty Eight only.	Each	40884.00			
4.00	Providing and fixing following rating and breaking capacity MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections etc. as required.								

01	MCCB 32-100 Amp (Make:- Schneider/ Legrand/L&T)	3	Nos	5436	Rs. Five Thousand Four Hundred Thirty Six only.	Each	16308.00
Total							96756.00

Schedule of Quantity checked & Approved for Rs 96756.00 only

[Signature]
 Assistant Engineer,
 Electrical Sub-Division,
 HP PWD Dharamshala.

[Signature]
 Executive Engineer
 Electrical Division
 HP PWD Palampur

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK:- R/M of E.I of VIDHAN SABHA Complex at Tapovan Dharamshala Dist Kangra (H P) (SH : Replacement of burnt Panel of fountain with new Panel for the Session December 2024.

Job No
6

ESTIMATED COST: Rs. 83,738/-only.
EARNEST MONEY: Rs. 1,700 /-only.
TIME ALLOWED: Six Months

SR.N o.	DESCRIPTION	QTY.	FIGURES		UNIT	AMOUNT
			RATES	WORDS		
1.00	Supplying, installing, testing, commissioning of fountain LT panel of outdoor type, Double door floor mounted 1100 Volts, made out of CRCA sheet 1.6 mm thick, fully compartmentalised for 415 volts, 3 phase, 4 wire AC supply, complete all as specified including provision of following accessory/ components housed in it :-					
1.01	MAIN INCOMER :- MCCB 100 A 3P 18 kA with O/L & S/C Protection 1 Nos., Digital Metering = 1No.					
1.02	OUTGOING :					
1.03	MCB 32A TP= 1 No, MCB DP 32 Amp = 2 No, Contactor MNX 25 = 1 No, Contactor MNX 9 = 2 Nos, Onload Relay 14-23 = 1 No, SPP = 1 No, Control SP =4 Nos, Start Stop On = 6 NOS					
1.04	All interconnections of fields side are supported by conical, L & finger type insulators of adequate size to support & sustain the weight of cables, Control wiring with copper flexible FRLS wire with thimbles, printed sleeves, tie & belt etc;					
1.05	The prices of complete job as per the specifications above shall be inclusive of gasket, doorlocks, reading glass, wooden, copper flexible door earth, legend plates etc.	1	Job	54823	Rs. Fifty Four Thousand Eight Hundred Twenty Three only.	Per Job
1.06	Makes for MCCB : Schneider/L&T/ABB.					
2.00	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.					
2.01	25 mm Dia	45	Metre	87	Rs. Eighty Seven only.	Per Metre
						3915.00

18.00	Supplying and laying the following sizes of Flexible PVC insulated multicore FR PVC sheathed multi-stranded cables with bright annealed electrolytic bare copper conductor for voltage grade upto 1100v conforming to IS-694:2010 cable in surface/recessed PVC conduit as required.						
3.01	3C Submersible cable 2.5Sqmm	100	Metre	250	Rs. Two Hundred Fifty only.	Per Metre	25000.00
					Total		83738.00

Schedule of Quantity checked & Approved for Rs 83738.00 only

(Signature)
Assistant Engineer,
Electrical Sub-Division,
JHP PWD Dharamshala.

(Signature)
Executive Engineer
Electrical Division
JHP PWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- Replacement of damaged wiring at Type 2 Qtr (set no-5) Block B under general pooled accommodation near Education Board.

job No 7

ESTIMATED COST: Rs.97,558/-only.
EARNEST MONEY: Rs.2000/-only
TIME ALLOWED: One Month

SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1.00	Wiring for light 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 having wall thickness minimum 1.4 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 :- KEI/Finox /Anchor/GrandLay					
1.01	Group A.	14	812	Rupees Eight Hundred Twelve Only	Per Point	11368
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 medium class PVC conduit having wall thickness 1.4 mm as required. Make :- KEI/Finox /Anchor/GrandLay					
2.1	2 X 1.5 sq.mm + 1 X 1.5 sq. mm earth wire	62	198	Rupees One Hundred Ninety Eight Only	Per Metre	12276
2.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	32	311	Rupees Three Hundred Eleven Only	Per Metre	9952
2.3	2 X 10 sq. mm	12	571	Rupees Five Hundred Seventy One Only	Per Metre	6852
3.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit having wall thickness 1.4mm as required Make :- KEI/Finox /Anchor/GrandLay					

3.1	4 X 4 sq.mm + 2 X 4 sq. mm earth wire	26	112	Rupees One Hundred Twelve Only	Per Metre	2912
4.00	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) (Make:- Schneider/Legrand/L&T)	6	601	Rupees Six Hundred One Only	Each	3606
5.00	Supplying and fixing 6 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required					
5.1	Single pole 6 Amp (Make:- Schneider/Legrand/L&T)	3	272	Rupees Two Hundred Seventy Two Only	Each	816
5.2	Single pole 16 Amp (Make:- Schneider/Legrand/L&T)	5	272	Rupees Two Hundred Seventy Two Only	Each	1360
6.00	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
6.1	63 Amps. (Make:- Schneider/Legrand/L&T)	1	623	Rupees Six Hundred Twenty Three Only	Each	623
7.00	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
7.1	63 Amps. (Make:- Schneider/Legrand/L&T)	1	3625	Rupees Three Thousand Six Hundred Twenty Five Only	Each	3625

8.00	Supplying and fixing following way, single pole and neutral, sheet stell, 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).					
8.1	Double door-12 way (Make:- Schneider/Legrand/L&T)	1	2343	Rupees Two Thousand Three Hundred Forty Three Only	Each	2343
9.00	Earthing with G.I. earth plate 600 mmx600 mmx6 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 slat) as required	1	19187	Rupees Nineteen Thousand One Hundred Eighty Seven Only	Per Set	19187
10.00	Supplying and laying 8 SWG G.I. wire at 0.50 mtr. Below ground level for earth electrode conductor, including soldering etc. as required	25	184	Rupees One Hundred Eighty Four Only	Per Metre	4600
11.00	Providing, Installation, testing and commissioning of BLDC ceiling Fan with socket type regulator, including wiring the down rods of standard length (up to 30 cn) with twin twisted flexible, copper cable including providing and fixing phenolic laminated sheet cover on fan box and earthing etc. as required. Five star rating Make: Usha (Technaire BLDC without remote)/Bajaj/Crompton/havells.					
11.1	Ceiling Fan 1200 mm sweep	2	4323	Rupees Four Thousand Three Hundred Twenty Three Only	Each	8646
12.00	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.					
12.1	Exhaust Fan, Light duty, (Domestic) 300 mm sweep (Make: Usha, Model: Aeroclean LD)/Bajaj (Model: Reshee)/Anchor (Model: Anmol)/Crompton (Model: Drift air Plus).	1	2567	Rupees Two Thousand Five Hundred Sixty Seven Only	Each	2567

13.00	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.					
13.1	LED fixture 1X18 Watt Surface Mounted 4 Feet Box Type Channel with Pro LED Lamp Makes:- Philips/Wipro/Havells/Crompton.	5	953	Rupees Nine Hundred Fifty Three Only	Each	4765
14.00	Supplying and fixing brass batten/ angle holder including connection etc. as required.	6	105	Rupees One Hundred Five Only	Each	630
15.00	Supplying and fixing LED lamps of 12 watt with polycarbonate diffuser on the existing light point as required complete in all respect.	6	204	Rupees Two Hundred Four Only	Each	1224
16	Supplying and fixing Ding Dong bell suitable for single phase, 230 volts, complete as required.	1	206	Rupees Two Hundred Six Only	Each	206
	Ding Dong bell Make :- Anchor/SSK/GoldMedal					
					Total	97558

Schedule of quantities checked and approved for Rs.97558/- only

Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- Replacement of damaged wiring at Type 2 Qtr (set no-6) Block B under General Pooled Accommodation Near Education Board.

job No **8**

ESTIMATED COST: Rs.97,558/-only.
EARNEST MONEY: Rs.2000/-only
TIME ALLOWED:One Month

SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1.00	Wiring for light 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 having wall thickness minimum 1.4 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 :- KEI/Finolex /Anchor/GrandLay					
1.01	Group A.	14	812	Rupees Eight Hundred Twelve Only	Per Point	11368
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 medium class PVC conduit having wall thickness 1.4 mm as required. Make :- KEI/Finolex /Anchor/GrandLay					
2.1	2 X 1.5 sq.mm + 1 X 1.5 sq. mm earth wire	62	198	Rupees One Hundred Ninety Eight Only	Per Metre	12276
2.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	32	311	Rupees Three Hundred Eleven Only	Per Metre	9952
2.3	2 X 10 sq. mm	12	571	Rupees Five Hundred Seventy One Only	Per Metre	6852
3.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit having wall thickness 1.4mm as required Make :- KEI/Finolex /Anchor/GrandLay					

3.1	4 X 4 sq.mm + 2 X 4 sq. mm earth wire	26	112	Rupees One Hundred Twelve Only	Per Metre	2912
4.00	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) (Make:- Scheider/Legrand/L&T)	6	601	Rupees Six Hundred One Only	Each	3606
5.00	Supplying and fixing 6 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required					
5.1	Single pole 6 Amp (Make:- Scheider/Legrand/L&T)	3	272	Rupees Two Hundred Seventy Two Only	Each	816
5.2	Single pole 16 Amp (Make:- Schneider/Legrand/L&T)	5	272	Rupees Two Hundred Seventy Two Only	Each	1360
6.00	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
6.1	63 Amps. (Make:- Schneider/Legrand/L&T)	1	623	Rupees Six Hundred Twenty Three Only	Each	623
7.00	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
7.1	63 Amps. (Make:- Schneider/Legrand/L&T)	1	3625	Rupees Three Thousand Six Hundred Twenty Five Only	Each	3625

8.00	Supplying and fixing following way, single pole and neutral, sheet stell, 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).					
8.1	Double door-12 way (Make:- Schneider/Legrand/L&T)	1	2343	Rupees Two Thousand Three Hundred Forty Three Only	Each	2343
9.00	Earthing with G.I. earth plate 600 mmx600 mmx6 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 slat) as required	1	19187	Rupees Nineteen Thousand One Hundred Eighty Seven Only	Per Set	19187
10.00	Supplying and laying 8 SWG G.I. wire at 0.50 mtr. Below ground level for earth electrode conductor, including soldering etc. as required	25	184	Rupees One Hundred Eighty Four Only	Per Metre	4600
11.00	Providing, Installation, testing and commissioning of BLDC ceiling Fan with socket type regulator, including wiring the down rods of standard length (up to 30 cn) with twin twisted flexible, copper cable including providing and fixing phenolic laminated sheet cover on fan box and earthing etc. as required. Five star rating Make: Usha (Technaire BLDC without remote)/Bajaj/Crompton/havells.					
11.1	Ceiling Fan 1200 mm sweep	2	4323	Rupees Four Thousand Three Hundred Twenty Three Only	Each	8646
12.00	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.					
12.1	Exhaust Fan, Light duty, (Domestic) 300 mm sweep (Make: Usha, Model: Aeroclean LD)/Bajaj (Model: Reshee)/Anchor (Model: Anmol)/Crompton (Model: Drift air Plus).	1	2567	Rupees Two Thousand Five Hundred Sixty Seven Only	Each	2567

13.00	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.					
13.1	LED fixture 1X18 Watt Surface Mounted 4 Feet Box Type Channel with Pro LED Lamp Makes:- Philips/Wipro/Havells/Crompton.	5	953	Rupees Nine Hundred Fifty Three Only	Each	4765
14.00	Supplying and fixing brass batten/ angle holder including connection etc. as required.	6	105	Rupees One Hundred Five Only	Each	630
15.00	Supplying and fixing LED lamps of 12 watt with polycarbonate diffuser on the existing light point as required complete in all respect.	6	204	Rupees Two Hundred Four Only	Each	1224
16	Supplying and fixing Ding Dong bell suitable for single phase, 230 volts, complete as required.	1	206	Rupees Two Hundred Six Only	Each	206
	Ding Dong bell Make :- Anchor/SSK/GoldMedal					
					Total	97558

Schedule of quantity checked and approved for Rs. 97558/-


 Executive Engineer
 Electrical Division
 HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- Replacement of damaged wiring at Type 2 Qtr (set no-7) Block B under General Pooled Accommodation Near Education Board.

job No (9)

ESTIMATED COST: Rs.97,558/-only.
EARNEST MONEY: Rs.2000/-only
TIME ALLOWED: One Month

SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1.00	Wiring for light 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 having wall thickness minimum 1.4 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 :- KEI/Finox /Anchor/GrandLay					
1.01	Group A.	14	812	Rupees Eight Hundred Twelve Only	Per Point	11368
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 medium class PVC conduit having wall thickness 1.4 mm as required. Make :- KEI/Finox /Anchor/GrandLay					
2.1	2 X 1.5 sq.mm + 1 X 1.5 sq. mm earth wire	62	198	Rupees One Hundred Ninety Eight Only	Per Metre	12276
2.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	32	311	Rupees Three Hundred Eleven Only	Per Metre	9952
2.3	2 X 10 sq. mm	12	571	Rupees Five Hundred Seventy One Only	Per Metre	6852
3.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit having wall thickness 1.4mm as required Make :- KEI/Finox /Anchor/GrandLay					

3.1	4 X 4 sq.mm + 2 X 4 sq. mm earth wire	26	112	Rupees One Hundred Twelve Only	Per Metre	2912
4.00	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) (Make:- Scheider/Legrand/L&T)	6	601	Rupees Six Hundred One Only	Each	3606
5.00	Supplying and fixing 6 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required					
5.1	Single pole 6 Amp (Make:- Scheider/Legrand/L&T)	3	272	Rupees Two Hundred Seventy Two Only	Each	816
5.2	Single pole 16 Amp (Make:- Schneider/Legrand/L&T)	5	272	Rupees Two Hundred Seventy Two Only	Each	1360
6.00	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
6.1	63 Amps. (Make:- Schneider/Legrand/L&T)	1	623	Rupees Six Hundred Twenty Three Only	Each	623
7.00	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
7.1	63 Amps. (Make:- Schneider/Legrand/L&T)	1	3625	Rupees Three Thousand Six Hundred Twenty Five Only	Each	3625

8.00	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/isolator).					
8.1	Double door-12 way (Make:- Schneider/Legrand/L&T)	1	2343	Rupees Two Thousand Three Hundred Forty Three Only	Each	2343
9.00	Earthing with G.I. earth plate 600 mmx600 mmx6 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 slat as required	1	19187	Rupees Nineteen Thousand One Hundred Eighty Seven Only	Per Set	19187
10.00	Supplying and laying 8 SWG G.I. wire at 0.50 mtr. Below ground level for earth electrode conductor, including soldering etc. as required	25	184	Rupees One Hundred Eighty Four Only	Per Metre	4600
11.00	Providing, Installation, testing and commissioning of BLDC ceiling Fan with socket type regulator, including wiring the down rods of standard length (up to 30 cn) with twin twisted flexible, copper cable including providing and fixing phenolic laminated sheet cover on fan box and earthing etc. as required. Five star rating Make: Usha (Technaire BLDC without remote)/Bajaj/Crompton/havells.					
11.1	Ceiling Fan 1200 mm sweep	2	4323	Rupees Four Thousand Three Hundred Twenty Three Only	Each	8646
12.00	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.					
12.1	Exhaust Fan, Light duty, (Domestic) 300 mm sweep (Make: Usha, Model: Aeroclean LD)/Bajaj (Model: Reshee)/Anchor (Model: Anmol)/Crompton (Model: Drift air Plus).	1	2567	Rupees Two Thousand Five Hundred Sixty Seven Only	Each	2567

13.00	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.					
13.1	LED fixture 1X18 Watt Surface Mounted 4 Feet Box Type Channel with Pro LED Lamp Makes:- Philips/Wipro/Havells/Crompton.	5	953	Rupees Nine Hundred Fifty Three Only	Each	4765
14.00	Supplying and fixing brass batten/ angle holder including connection etc. as required.	6	105	Rupees One Hundred Five Only	Each	630
15.00	Supplying and fixing LED lamps of 12 watt with polycarbonate diffuser on the existing light point as required complete in all respect.	6	204	Rupees Two Hundred Four Only	Each	1224
16	Supplying and fixing Ding Dong bell suitable for single phase, 230 volts, complete as required.	1	206	Rupees Two Hundred Six Only	Each	206
	Ding Dong bell Make :- Anchor/SSK/GoldMedal				Total	97558

Schedule of quantity checked and approved for Rs 97558001/-

Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

NAME OF WORK :- Replacement of damaged wiring at Type 2 Qtr (set no-8) Block B under General Pooled Accommodation Near Education Board.

Job No 16

ESTIMATED COST : Rs.97,558/-only.
EARNEST MONEY: Rs.2000/-only
TIME ALLOWED: One Month

SR. NO.	DESCRIPTION	QTY.	RATES		UNIT	AMOUNT
			FIGURES	WORDS		
1.00	Wiring for light 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 having wall thickness minimum 1.4 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 :- KEI/Finolex /Anchor/GrandLay					
1.01	Group A.	14	812	Rupees Eight Hundred Twelve Only	Per Point	11368
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 medium class PVC conduit having wall thickness 1.4 mm as required. Make :- KEI/Finolex /Anchor/GrandLay					
2.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	62	198	Rupees One Hundred Ninety Eight Only	Per Metre	12276
2.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	32	311	Rupees Three Hundred Eleven Only	Per Metre	9952
2.3	2 X 10 sq. mm	12	571	Rupees Five Hundred Seventy One Only	Per Metre	6852
3.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit having wall thickness 1.4mm as required Make :- KEI/Finolex /Anchor/GrandLay					

3.1	4 X 4 sq.mm + 2 X 4 sq. mm earth wire	26	112	Rupees One Hundred Twelve Only	Per Metre	2912
4.00	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) (Make:- Schneider/Legrand/L&T)	6	601	Rupees Six Hundred One Only	Each	3606
5.00	Supplying and fixing 6 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required					
5.1	Single pole 6 Amp (Make:- Schneider/Legrand/L&T)	3	272	Rupees Two Hundred Seventy Two Only	Each	816
5.2	Single pole 16 Amp (Make:- Schneider/Legrand/L&T)	5	272	Rupees Two Hundred Seventy Two Only	Each	1360
6.00	Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
6.1	63 Amps. (Make:- Schneider/Legrand/L&T)	1	623	Rupees Six Hundred Twenty Three Only	Each	623
7.00	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
7.1	63 Amps. (Make:- Schneider/Legrand/L&T)	1	3625	Rupees Three Thousand Six Hundred Twenty Five Only	Each	3625

8.00	Supplying and fixing following way, single pole and neutral, sheet stell, 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).						
8.1	Double door-12 way (Make:- Schneider/Legrand/L&T)	1	2343	Rupees Two Thousand Three Hundred Forty Three Only	Each	2343	
9.00	Earthing with G.I. earth plate 600 mmx600 mmx6 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 slat) as required	1	19187	Rupees Nineteen Thousand One Hundred Eighty Seven Only	Per Set	19187	
10.00	Supplying and laying 8 SWG G.I. wire at 0.50 mtr. Below ground level for earth electrode conductor, including soldering etc. as required	25	184	Rupees One Hundred Eighty Four Only	Per Metre	4600	
11.00	Providing, Installation, testing and commissioning of BLDC ceiling Fan with socket type regulator, including wiring the down rods of standard length (up to 30 cn) with twin twisted flexible, copper cable including providing and fixing phenolic laminated sheet cover on fan box and earthing etc. as required. Five star rating Make: Usha (Technaire BLDC without remote)/Bajaj/Crompton/havells.						
11.1	Ceiling Fan 1200 mm sweep	2	4323	Rupees Four Thousand Three Hundred Twenty Three Only	Each	8646	
12.00	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.						
12.1	Exhaust Fan, Light duty, (Domestic) 300 mm sweep (Make: Usha, Model: Aeroclean LD)/Bajaj (Model: Reshee)/Anchor (Model: Anmol)/Crompton (Model: Drift air Plus).	1	2567	Rupees Two Thousand Five Hundred Sixty Seven Only	Each	2567	

13.00	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.					
13.1	LED fixture 1X18 Watt Surface Mounted 4 Feet Box Type Channel with Pro LED Lamp Makes:- Philips/Wipro/Havells/Crompton.	5	953	Rupees Nine Hundred Fifty Three Only	Each	4765
14.00	Supplying and fixing brass batter/ angle holder including connection etc. as required.	6	105	Rupees One Hundred Five Only	Each	630
15.00	Supplying and fixing LED lamps of 12 watt with polycarbonate diffuser on the existing light point as required complete in all respect.	6	204	Rupees Two Hundred Four Only	Each	1224
16	Supplying and fixing Ding Dong bell suitable for single phase, 230 volts, complete as required.	1	206	Rupees Two Hundred Six Only	Each	206
	Ding Dong bell Make :- Anchor/SSK/GoldMedal				Total	97558

Schedule of Quantity checked and approved for 97558001nf

Executive Engineer
Electrical Division
HPPWD Palampur