HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

NOTICE INVITING TENDER

Sealed **percentage** rate tender on Form No. 6&7 are invited on behalf of Governor of Himachal Pradesh by the Executive Engineer, Electrical Division, HPPWD, Mandi (H.P.) for the following works from the **eligible electrical contractor registered in appropriate class,** so as to reach in his office on or before **29.01.2025 up-to 03.00 P.M.** and will be opened on the same day at **03.30 P.M.** in the presence of intending contractors or their authorized representatives. The application for issuing of tender form will be received in his office against cash payment **Rs. 350/-(Non-refundable)** for each work **on** or **before 29.01.2025 up to 01:00 P.M.** and the tender forms can be had from his office on same day. **The application for the purchase of tender documents should be accompanied with earnest money of each work separately in the shape of National Saving Certificate/FDR/ Call Deposit / Saving Bank account / Bank draft of any Schedule Bank / Post Office duly pledged in favor of the Executive Engineer, Electrical Division, HP.PWD, Mandi (H.P.).** Conditional tenders and the tenders received without earnest money will be rejected. The receipt of application for issue of tender forms by post shall not be entertained / considered in any case. The tender forms shall be issued to registered Contractors or their authorized representatives. **The copy of enlistment / renewal order and valid Electrical License shall be attached with the application for purchase the tender document.** The ambiguous / telegraphic / conditional / fax / E-mail or by post tenders shall also not be entertained / considered in any case. The tender shall be issued to those Contractors / Firms who are found eligible, suitable and competent. The decision of the Executive Engineer regarding suitability / eligibility / competency of Contractors/ Firms shall be final binding on the Contractors / Firms applying for the issuing of the tender. The offer for the tenders shall be kept open for 120 days. The Executive Engineer reserves the right to reject the tender without assigning any reasons, if there happens to be any holiday the same will be opened on next working day.

Sr. No	Name of work.	Estimated cost	Earnest money	Time limit.	Form No.
1	**Replacement of Old wiring in Type-II Quarters 2 Nos. (9 & 10) of ITDP Department at Keylong District L&S HP**	**Rs. 99822/-**	**Rs. 2000/-**	One Month	6&7
2	**Rewiring of HPPWD Type II Quarter near HPPWD Field Hostel at Kullu District Kullu HP**	**Rs. 72958/-**	**Rs. 1460/-**	One Month	6&7
3	**Replacement of Old Electrical fixture and other accessories at HPPWD Rest House Banjar District Kullu HP**	**Rs. 98981/-**	**Rs. 2000/-**	One Month	6&7
4	**Replacement of Old wiring in Type-II Quarters 2 Nos. (11 & 12) of ITDP Department at Keylong District L&S HP**	**Rs. 99822/-**	**Rs. 2000/-**	One Month	6&7
5	**C/o Additional Accommodation for GSSS at Jahal Tehsil Chchiot District Mandi HP (S/co Multipurpose Hall at 2nd floor) (SH : Providing E.I therein)**	**Rs. 92971/-**	**Rs. 1860/-**	Along with civil work	6&7
6	**Repair Maintenance of E.I various Rest House at Karsog Section (SH: Rest House Karsog, Pangana and Chindi)**	**Rs. 85591/-**	**Rs. 1720/-**	One Month	6&7
7	**Repair Maintenance of E.I in HPPWD Assistant Engineer Residence Marhi Tehsil Dharmpur District Mandi HP (SH: Providing rewiring and modular accessories and LED fixture therein)**	**Rs. 99239/-**	**Rs. 2000/-**	One Month	6&7
8	**Repair Maintenance of E.I in HPPWD Sub Division Marhi Tehsil Dharmpur District Mandi HP (SH: Providing rewiring, modular accessories and LED fixture therein)**	**Rs. 98321/-**	**Rs. 2000/-**	One Month	6&7
9	**Special repair for 13 Passenger (Equipment No. 43344783) of KONE make installed in combined office building at Banjar District Kullu HP**	**Rs. 79719/-**	**Rs. 1600/-**	One Month	6&7

PTO

CERTIFICATE:-

It is Certified that tender of above works are invited without press notice due to exigency of works in public interest.

Executive Engineer,
Electrical Division,
HPPWD, Mandi (H.P.)

NOTE:-

1. No contractor or his accredited agent shall be permitted to participate in the competition unless he holds a valid wiring license and have been duly registered in appropriate class in the HPPWD Department (Electrical)

2. No person or persons other than the contractor shall be issued tender documents unless he/they hold power of attorney duly registered under law. The tender of those contractors who are registered as dealer under H.P. General Sales Tax Act 1968 / GST and who have cleared all dues on accounts of tax will be entertained only.

3. The rates must be quoted in percentage (Above / below) to the amount put to tender both in figures as well as in words, otherwise tender will not be considered. In case of discrepancy in the rates quoted by the contractor in words and figures, the rates quoted in words shall be taken as correct and not the rates quoted in figures

4. The eligible contractor should submit performance certificate for specialized jobs as required

5. Conduit pipe is to be laid simultaneously with the progress of civil work, wherever applicable

6. The tendered amount should be within the limit of (+) 5% to (-) 10%. Notification dated 07.10.2021 and 10.05.2023 shall be applicable for Bid price lower than -10% and more than +5%.

Executive Engineer,
Electrical Division,
HPPWD, Mandi (H.P.)

No.PW-MED/TA/NIT/2024-2025--- 5903-19 **Dated:** 18-01-25

Copy forwarded to the following for information please:-

1. The Engineer-in-Chief, HPPWD, Nirman Bhawan, Nigam Vihar Shimla-1.
2. The Deputy Commissioner, Mandi District – Mandi H.P
3. The Chief Engineer (Mandi Zone), HPPWD, Mandi.
4. The Superintending Engineer, 1st Electrical Circle, HPPWD, Shimla HP
5. **The Executive Engineer (IT) o/o Engineer-in-Chief, HPPWD, Shimla through email: cc-pwd-hp@nic.in a/w copies of Schedule of Quantities for uploading the same on HPPWD web portal please.**
6. The Sub Divisional Officer(Civil), Mandi District – Mandi H.P
7. The Commissioner, Municipal Corporation, Mandi District – Mandi HP
8. All the Assistant Engineers (Elect.) under this Division.
9. All the Heads of Branches in this office.
10. Notice Board

Executive Engineer,
Electrical Division,
HPPWD, Mandi (H.P.)

	Job- 1			Estimated Cost:- Rs.99822 /-only.			
				Earnest Money :- Rs.2000./-only.			
				Time :- One Month.			

Draft SCHEDULE OF QUANTITY

Name of work:- Replacement of old wiring in type-II qtrs 2 nos (9,10) of ITDP departmemt at Keylong Distt. L&S

Sr. No.	Description	Qty.		Rate		Units	Amount
				In figure	In words		
1.00	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required complete in all respect as per entire satisfaction of Engineer- in- Charge..**Group A. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.**	28	Nos.	845.00	Rupees Eight Hundred FourtyFive Only	Each	23660.00
2.00	Supplying and fixing metal box of 100mmx100mmx60mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 5/6 amps socket outlet and 5/6 amps, piano type switch, connections, painting etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge..**Make :Anchor, Cona, SSK**	12	Nos.	314.00	Rupees Three Hundred Fourteen Only	Each	3768.00
3.00	Supplying and fixing metal box of 180mmx100mmx60mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 6 pin15/16 amps socket outlet and 15/16 amps, piano type switch, connections, painting etc. as required complete in all respect as per entire satisfaction of Engineer- in-Charge. **Make : :Anchor, Cona, SSK**	8	Nos.	489.00	Rupees Four Hundred EightyNine Only	Each	3912.00
4.00	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 1 No. HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required complete in all respectas per entire satisfaction of the Engineer in charge. **Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.**						
i	**2x1.5 Sq. mm.**	96	Metre	215.00	Rupees Two Hundred Fifteen Only	Per Metre	20640.00
ii	**2x4.0 Sq. mm.**	48	Metre	329.00	Rupees Three Hundred TwentyNine Only	Per Metre	15792.00
iii	**2x6 Sq. mm.**	6	Metre	484.00	Rupees Four Hundred EightyFour Only	Per Metre	2904.00

5.00	Wiring for circuit / sub-main with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No.4 Sq.mm. (4X4+2X4)HRFRLS/PVC insulated single core copper conductor cable for earthing as required complete in all respectas per entire satisfaction of the Engineer in charge. **Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.**	20	Metre	556.00	Rupees Five Hundred FiftySix Only	Per Metre	11120.00
6.00	Supplying & fixing LED TUBE 20 W,PC BATTEN, ,complete with all accessories ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.**Make:-Jaquar/ Twinkle/ Panasonic.**	6	Nos.	548.00	Rupees Five Hundred FourtyEight Only	Each	3288.00
7.00	Supplying and fixing bakelite batten/angle holder including connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make : (ANCHOR /CONA / ESSESSKAY)**	20	Nos.	88.00	Rupees EightyEight Only	Each	1760.00
8.00	Supplying and fixing call belll, suitable for D.C./A.C. single phase,230 volts complete as required complete in all respect as per entire satisfaction of Engineer- in- Charge.**Make: ANCHOR , CONA , ESS ESS KAY**	2	Nos.	182.00	Rupees One Hundred EightyTwo Only	Each	364.00
9.00	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respectas per entire satisfaction of the Engineer in charge. **Make : L&T / Legrand / Siemens.**	16	Nos.	284.00	Rupees Two Hundred EightyFour Only	Each	4544.00
i)	**SP Cat-A**						
10.00	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respect as per entire satisfaction of Engineer- in-Charge.-**Make : L&T / Legrand / Siemens.**	2	Nos.	1324.00	Rupees One Thousand Three Hundred TwentyFour Only	Each	2648.00
i)	**Double pole. Cat-A.**						
11.00	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus- bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **i) 12 way Make : L&T / Legrand / Siemens.**	2	Nos.	2711.00	Rupees Two Thousand Seven Hundred Eleven Only.	Each	5422.00
	Total						99822.00

Draft schedule of quantity checked and approved for RS. 99822/ only.

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP).

	Job- 2			Estimated Cost:- Rs.72958 /-only.	
				Earnest Money :- Rs.1460/-only.	
				Time :- One Month	

Draft Schedule of Quanitity

Name of work:-Re-wiring of HP PWD Type-II Qtr. Near HP PWD field hostel at Kullu (HP)

Sr. No.	Description	Qty.		Rate		Units	Amount
				In figure	In words		
1	Re-wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in existing surface/recessed Steel / PVC conduit and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable including dismantling of the existing wiring aas required complete in all respectas per entire satisfaction of the Engineer in charge. (excluding switch & sheet etc.) i) **Group A.Make : Havells,Finolex,RR Kable,KEI,Grandley,Plaza**	15	Nos	795.00	Rupees Seven Hundred NinetyFive Only	Each	11925.00
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 complete in all respectas per entire satisfaction of the Engineer in charge. i) **2 X 6 sq. mm + 1 X 6 sq. mm earth wire Make : Havells,Finolex,RR Kable,KEI,Grandley,Plaza**	10	Metre	606.00	Rupees Six Hundred Six Only	Per Metre	6060.00
3	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required complete in all respectas per entire satisfaction of the Engineer in charge. **Cable Make : Havells,Finolex,RR Kable,KEI,Grandley,Plaza**						
i	3 x 1.5 sq. mm	50	Metre	111.00	Rupees One Hundred Eleven Only	Per Metre	5550.00
ii	3 x 4 sq. mm	40	Metre	249.00	Rupees Two Hundred FourtyNine Only	Per Metre	9960.00
4	Supplying and fixing 5 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 complete in all respectas per entire satisfaction of the Engineer in charge. -**Make : L&T / Legrand / Siemens.**	8	Nos.	315.00	Rupees Three Hundred Fifteen Only		2520.00
5	Supplying and fixing following rating, followings poles 10ka 240/415v 'C' curves miniature circuit braker suitable for inductive load of following poles in the exsisting MCB DB complete with connections, testing and commissioning etc. as required complete in all respectas per entire satisfaction of the Engineer in charge. **i) 63 A DP.Make : L&T / Legrand / Siemens.**	1	Nos.	1549.00	Rupees One Thousand Five Hundred FourtyNine Only	Each	1549.00

6	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 complete in all respectas per entire satisfaction of the Engineer in charge. **i) 63 A Make : L&T / Legrand / Siemens.**	1	Nos.	4249.00	Rupees Four Thousand Two Hundred FourtyNine Only	Each	4249.00
7	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 complete in all respectas per entire satisfaction of the Engineer in charge. (But without MCB/RCCB/Isolator) **i) 12 way , Double door Make:- Havells, ABB, Legrand, L&T, schneider, C&S**	2	Nos.	3152.00	Rupees Three Thousand One Hundred FiftyTwo Only	Each	6304.00
8	Supply, Installation, Testing and Commissioning of following sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CM/M/W) minimum 6.85, Air delivery minimum 215 CMM, 300 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote/ BLDC electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required complete in all respectas per entire satisfaction of the Engineer in charge. **i) Ceiling Fan 1200 mm sweep Make : Usha / Bajaj / Anchor Panasonic.**	2	Nos.	3843.00	Rupees Three Thousand Eight Hundred FourtyThree Only	Each	7686.00
9	Providing and installation exhaust fan of following sizes in the existing opening, Double ball bearing type metal frame including making the hole to suit the size of the above fan, making good the damages. connections, testing and commissioning etc. as required complete in all respectas per entire satisfaction of the Engineer in charge. i) **Exhaust Fan, Light duty, (Domestic) 300 mm sweep Make:- atomberg ,Havells,Orient,Gold Medal,Bajaj**	2	Nos.	2565.00	Rupees Two Thousand Five Hundred SixtyFive Only	Each	5130.00
10	Providing and installation of following type of surface mounting round type LED Downlight with polycarbonate housing ,anti glare polycarbonate diffuser,surge protection 2.5 KV luminaire efficacy > 85lm/Watt with minimum 25000 burning hours,THD<15% in white finish and seprated energy efficient constant current, non-integral, electronic driver;relevent LM 79/80 complaince fromUN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required complete in all respectas per entire satisfaction of the Engineer in charge. i) **Round LED Down Light 12W Surface Make :-Jaquar/Bajaj/Twinkle.**	2	Nos.	649.00	Rupees Six Hundred FourtyNine Only	Each	1298.00

11	Providing and installation of following type of LED Batten with polycarbonate housing ,anti glare polycarbonate diffuser,surge protection 2.5 KV luminaire efficacy > 100lm/Watt with minimum 25000 burning hours,THD<15% in white finish and seprated energy efficient constant current, non-integral, electronic driver;relevent LM 79/80 complaince fromUN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required complete in all respectas per entire satisfaction of the Engineer in charge. **i) LED Batten Light 20WMake :-Jaquar/ Bajaj/ Twinkle.**	8	Nos.	649.00	Rupees Six Hundred FourtyNine Only	Each	5192.00
12	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase,230 volts completeas required complete in all respectas per entire satisfaction of the Engineer in charge. **Make: ANCHOR , CONA , ESS ESS KAY .**	1	Nos.	208.00	Rupees Two Hundred Eight Only	Each	208.00
13	Providing and installation of instant Electric water heater (Geyser) of various sizes with 8 bar pressure rating 3kw element and safety valve installation 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 complete in all respectas per entire satisfaction of the Engineer in charge. **i) 3 Liter capacity water heater (Cat-A) Make:- havells,racold,bajaj,Goldmedal,jaguar**	1	Nos.	5327.00	Rupees Five Thousand Three Hundred TwentySeven Only	Each	5327.00
	Total						72958.00

DNJT checked & Approved for Rs 72958/- only
(Rupees Seventy two Thousand Nine Hundred Fifty Eight Only)

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP).

	Job- 3			Estimated Cost:- Rs.98981/-only.	
				Earnest Money :- Rs. 2000./-only.	
				Time :- Along with civil work.	

Draft SCHEDULE OF QUANTITY

Name of work:- Replacemet of Old Electrical Fixture and other accessories at HP PWD Rest House Banjar Distt. Kullu (HP)

Sr. No.	Description	Qty.		Rate		Units	Amount
				In figure	In words		
1	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 A modular socket outlet and 5/6 A modular switch, connections etc. as required complete in all respectas per entire satisfaction of the Engineer in charge. .**Make:-Havells, ABB, Legrand, L&T, schneider, C&S**	8	Nos	406.00	Rupees Four Hundred Six Only	Each	3248.00
2	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required complete in all respectas per entire satisfaction of the Engineer in charge. **Make:-Havells, ABB, Legrand, L&T, schneider, C&S**	4	Nos	622.00	Rupees Six Hundred TwentyTwo Only	Each	2488.00
3	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required complete in all respectas per entire satisfaction of the Engineer in charge. **Make:-Havells, ABB,Legrand,L&T,schneider,C&S**						
i)	**3 pin 5/6 amps. Modular socket outlet.**	4	Nos	125.00	Rupees One Hundred TwentyFive Only	Each	500.00
ii)	**5/6 amps. one-way Modular switch**	15	Nos	75.00	Rupees SeventyFive Only	Each	1125.00
iii)	**5/6 amps. Two-way Modular switch**	8	Nos	119.00	Rupees One Hundred Nineteen Only	Each	952.00
iv)	**Bell push, Modular**	4	Nos	124.00	Rupees One Hundred TwentyFour Only	Each	496.00
4	Supplying & fixing following size modular base and cover plate on the existing modular metal boxesas required complete in all respectas per entire satisfaction of the Engineer in charge. **Make:-Havells,ABB,Legrand,L&T,schneider,C&S**						
i)	**2 modules**	1	Nos	126.00	Rupees One Hundred TwentySix Only	Each	126.00
ii)	**6 modules**	14	Nos	206.00	Rupees Two Hundred Six Only	Each	2884.00
5	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc.as required complete in all respectas per entire satisfaction of the Engineer in charge. **Make:-Havells,ABB,Legrand,L&T,schneider,C&S**	2	Nos	425.00	Rupees Four Hundred TwentyFive Only	Each	850.00

6	Supplying and fixing of following sizes of PVC conduit along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required complete in all respectas per entire satisfaction of the Engineer in charge. **i) 20 MM Dia Make:- Anchor,AKG,RKG,Precision Pipes Diplast**	50	Metre	203.00	Rupees Two Hundred Three Only	Per Metre	10150.00
7	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required complete in all respectas per entire satisfaction of the Engineer in charge. **Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.**						
i)	**3x1.5 Sq. mm.**	50	Metre	111.00	Rupees One Hundred Eleven Only	Per Metre	5550.00
ii)	**3x4.0 Sq. mm**	50	Metre	249.00	Rupees Two Hundred FourtyNine Only	Per Metre	12450.00
8	Providing and installation exhaust fan of following sizes in the existing opening, Double ball bearing type metal frame including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required complete in all respectas per entire satisfaction of the Engineer in charge. **i) Exhaust Fan, Light duty, (Domestic) 225/230 mm sweep Make:- atomberg ,Havells, Orient ,Gold Medal,Bajaj**	2	Nos	2216.00	Rupees Two Thousand Two Hundred Sixteen Only	Each	4432.00
9	Providing and installation of following type of LED Batten with PDC/CRCA housing(aluminium extrusion) ,anti glare polycarbonate diffuser,surge protection 4 KV luminaire efficacy > 110lm/Watt with minimum 50000 burning hours,THD<15% in white finish industrial grade IP 40 rated and seprated energy efficient constant current, non-integral, electronic driver;relevent LM 79/80 complaince fromUN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required complete in all respectas per entire satisfaction of the Engineer in charge. **i) LED Batten Light 36/40W Make:- bajaj, havells, panasonic, Philips, Wipro, LT,Chengi**	10	Nos	2268.00	Rupees Two Thousand Two Hundred SixtyEight Only	Each	22680.00
10	Providing and installation of following type of Surface mounting round type LED Downlight with PDC/CRCA housing ,anti glare polycarbonate diffuser,surge protection 2.5 KV luminaire efficacy > 100 lm/Watt with minimum 50000 burning hours,THD<15% in white finish and seprated energy efficient constant current, non-integral, electronic driver;relevent LM 79/80 complaince from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required complete in all respectas per entire satisfaction of the Engineer in charge. **i) Round LED Down Light 12W Surface Make:- bajaj, havells, panasonic, Philips, Wipro, LT, Chengi**	4	Nos	1666.00	Rupees One Thousand Six Hundred SixtySix Only	Each	6664.00

11	Supplying & fixing Bed light comprising of 1 light ivory fabric shade chrome finish wall lamp inside complete with all accessories ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. **Make:- bajaj,havells,panasonic,Philips,Wipro,LT,Chengi**	4	Nos	4588.00	Rupees Four Thousand Five Hundred EightyEight Only	Each	18352.00
12	Supplying & fixing wall bracket fitting single lamp with Opal glass with chrome finishing Wall Lamp, holder cap E14 , complete with all accessories ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. **Make:- bajaj, havells, panasonic, Philips, Wipro, LT, Chengi**	2	Nos	3017.00	Rupees Three Thousand Seventeen Only	Each	6034.00
	Total						98981.00

Draft & Schedule of quantity checked & verified for Rs 98981.00

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP).

	Job- 4			Estimated Cost.- Rs.99822 /-only.			
				Earnest Money :- Rs.2000./-only.			
				Time :- One Month			

Draft SCHEDULE OF QUANTITY

Name of work:- Replacement of old wiring in type-II qtrs 2 nos (11,12) of ITDP departmemt at Keylong Distt. L&S

Sr. No.	Description	Qty.		Rate		Units	Amount
				In figure	In words		
1.00	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Group A. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.**	28	Nos.	845.00	Rupees Eight Hundred FourtyFive Only	Each	23660.00
2.00	Supplying and fixing metal box of 100mmx100mmx60mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 5/6 amps socket outlet and 5/6 amps, piano type switch, connections, painting etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make :Anchor, Cona, SSK**	12	Nos.	314.00	Rupees Three Hundred Fourteen Only	Each	3768.00
3.00	Supplying and fixing metal box of 180mmx100mmx60mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 6 pin15/16 amps socket outlet and 15/16 amps, piano type switch, connections, painting etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make : :Anchor, Cona, SSK**	8	Nos.	489.00	Rupees Four Hundred EightyNine Only	Each	3912.00
4.00	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 1 No. HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required complete in all respectas per entire satisfaction of the Engineer in charge. **Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.**						
i	**2x1.5 Sq. mm.**	96	Metre	215.00	Rupees Two Hundred Fifteen Only	Per Metre	20640.00
ii	**2x4.0 Sq. mm.**	48	Metre	329.00	Rupees Three Hundred TwentyNine Only	Per Metre	15792.00
iii	**2x6 Sq. mm.**	6	Metre	484.00	Rupees Four Hundred EightyFour Only	Per Metre	2904.00

5.00	Wiring for circuit / sub-main with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No.4 Sq.mm. (4X4+2X4)HRFRLS/PVC insulated single core copper conductor cable for earthing as required complete in all respectas per entire satisfaction of the Engineer in charge. **Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.**	20	Metre	556.00	Rupees Five Hundred FiftySix Only	Per Metre	11120.00
6.00	Supplying & fixing LED TUBE 20 W,PC BATTEN, ,complete with all accessories ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.**Make:-Jaquar/ Twinkle/ Panasonic.**	6	Nos.	548.00	Rupees Five Hundred FourtyEight Only	Each	3288.00
7.00	Supplying and fixing bakelite batten/angle holder including connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make : (ANCHOR /CONA / ESSESSKAY)**	20	Nos.	88.00	Rupees EightyEight Only	Each	1760.00
8.00	Supplying and fixing call belll, suitable for D.C./A.C. single phase,230 volts complete as required complete in all respect as per entire satisfaction of Engineer- in- Charge.**Make: ANCHOR , CONA , ESS ESS KAY**	2	Nos.	182.00	Rupees One Hundred EightyTwo Only	Each	364.00
9.00	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respectas per entire satisfaction of the Engineer in charge. **Make : L&T / Legrand / Siemens.**	16	Nos.	284.00	Rupees Two Hundred EightyFour Only	Each	4544.00
i)	**SP Cat-A**						
10.00	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respect as per entire satisfaction of Engineer- in-Charge.-**Make : L&T / Legrand / Siemens.**	2	Nos.	1324.00	Rupees One Thousand Three Hundred TwentyFour Only	Each	2648.00
i)	**Double pole. Cat-A.**						
11.00	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess. complete with tinned copper bus- bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge.**i) 12 wayMake : L&T / Legrand / Siemens.**	2	Nos.	2711.00	Rupees Two Thousand Seven Hundred Eleven Only	Each	5422.00
	Total						99822.00

Draftschedule of quantity checked and approved for Rs. 99822/ only.

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP).

	Job- 5			Estimated Cost:- Rs.92971/-only.	
				Earnest Money :- Rs.1860/-only.	
				Time :- Along with Civil work	

Draft SCHEDULE OF QUANTITY

Name of work:- C/O Additional Accomodation for Govt. Sen. Sec. School at Jahal Tehsil Chachiot District. Mandi (H.P) Construction of Multipurpose Hall in 2nd floor (SH:- Prov. E.I. therein)

Sr. No.	Description	Qty.		Rate		Units	Amount
				In figure	In words		
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.**	13	Nos	1318.00	Rupees One Thousand Three Hundred Eighteen Only	Each	17134.00
2	Supplying and fixing G.I. Modular box of suitable size with modular plate and cover in recess including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class).**	3	Nos	616.00	Rupees Six Hundred Sixteen Only	Each	1848.00
3	Supplying and fixing G.I. Modular box of Sutable size with modular plate and cover in recess including providing and fixing 3 No 5 pin 5/6 amps modular socket outlet and 3No 5/6 amps, modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB**	3	Nos	702.00	Rupees Seven Hundred Two Only	Each	2106.00
4	Supplying and fixing G.I. Modular box of Sutable size with modular plate and cover in recess including providing and fixing 3 No 5 pin 5/6 amps modular socket outlet and 3No 5/6 amps, modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB**	1	Nos	702.00	Rupees Seven Hundred Two Only	Each	702.00
5	Wiring for circuit/sub-main with 2x1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 1 No.1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required. complete in all respect. as per entire satisfcation of engineer in charge. **MAKE:- FINOLEX / PLAZA / RR / UNITECH / BENTION / KEI.**						

i)	2x1.5 Sq. mm.	30	Metre	215.00	Rupees Two Hundred Fifteen Only	Per Metre	6450.00
ii)	2x4.0 Sq. mm.	20	Metre	329.00	Rupees Three Hundred TwentyNine Only	Per Metre	6580.00
iii)	2x6 Sq. mm.	10	Metre	454.00	Rupees Four Hundred FiftyFour Only	Per Metre	4540.00
6	Wiring for power plug with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 2 No.4 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required. complete in all respect. as per entire satisfcation of engineer in charge . **MAKE:- FINOLEX / PLAZA / RR / UNITECH / BENTION / KEI.**	10	Metre	556.00	Rupees Five Hundred FiftySix Only	Per Metre	5560.00
7	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respect. as per entire satisfcation of engineer in charge. **i) Single pole. Cat-A. .MAKE :- LEGRAND / L&T/ C&S / GE**	6	Nos	284.00	Rupees Two Hundred EightyFour Only	Each	1704.00
8	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respect. as per entire satisfcation of engineer in charge. **i) Double pole. Cat-A.. MAKE :- LEGRAND / L&T/ C&S / GE**	1	Nos	1324.00	Rupees One Thousand Three Hundred TwentyFour Only	Each	1324.00
9	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus- bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required complete in all respect. as per entire satisfcation of engineer in charge. **i) Double door-12 way.MAKE :- LEGRAND / L&T / C&S / GE**	1	Nos	2693.00	Rupees Two Thousand Six Hundred NinetyThree Only	Each	2693.00
10	Prov. & Fixing glazed LED 20 watt batten high quality design aluminium extruded with decorative end caps complete with connection , testing , commissioning etc as required complete in all respect. as per entire satisfcation of engineer in charge. **Make Twinkle / Great White/Syska / Opulus / Bajaj / Great White / Phillips etc.**	4	Nos	547.00	Rupees Five Hundred FourtySeven Only	Each	2188.00

11	Prov. & fixing LED surface /Recessedmounted 2x2 36 watt square panel with aluminium die cast housing of superior quality complete with connection , commissioning as required complete in all respect. as per entire satisfcation of engineer in charge. **Make Twinkle / Great White/Syska / Opulus / Bajaj / Great White / Phillips etc.**	8	Nos	3900.00	Rupees Three Thousand Nine Hundred Only	Each	31200.00
12	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required complete in all respect. as per entire satisfcation of engineer in charge. **i) Exhaust Fan, Light duty, (Domestic) 300 mm sweep. MAKE :- USHA /BAJAJ / CROMPTON**	2	Nos	2244.00	Rupees Two Thousand Two Hundred FourtyFour Only	Each	4488.00
13	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase,230 volts complete as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make : Bajaj/Phillips/Anchor.**	1	Nos	279.00	Rupees Two Hundred SeventyNine Only	Each	279.00
14	Supplying and laying 8 SWG Copper wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required complete in all respect. as per entire satisfcation of engineer in charge.	25	Metre	167.00	Rupees One Hundred SixtySeven Only	Per Metre	4175.00
	Total						92971.00

Draft schedule of quantity checked and approved for RS. 92971/ only

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP).

	Job- 6			Estimated Cost:- Rs.85591/-only.			
				Earnest Money :- Rs.1720/-only.			
				Time :- One Month			

Draft SCHEDULE OF QUANTITY

Name of work:- R/M of E.l in various Rest Houses at Karsog Section. (SH:- Rest house karsog, Pangana ,Chindi there in)

Sr. No.	Description	Qty.		Rate		Units	Amount
				In figure	In words		
1	Supplying and fixing Modular 5 pin 5/6 amps modular socket outlet connections etcas required complete in all respect as per entire satisfaction of Engineer- in- Charge.**Make:- Havells (Athena), Goldmedal (GIFa), Anchor,Legrand (arteor),L&T(Entice)**	4	Nos	23.00	Rupees TwentyThree Only	Each	92.00
2	Supplying and fixing Modular 5 pin 5/6 amps modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge.**Make:-Havells (Athena), Goldmedal (GIFa), Anchor, Legrand (arteor),L&T(Entice)**	8	Nos	31.00	Rupees ThirtyOne Only	Each	248.00
3	Supplying and fixing . Modular 6 pin 15/16 amps modular socket outlet connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:- Havells (Athena), Goldmedal (GIFa),Anchor,L egrand (arteor),L&T(Entice)**	4	Nos	49.00	Rupees FourtyNine Only	Each	196.00
4	Supplying and fixing Modular 15/16 amps, modular switch connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:-Havells (Athena), Goldmedal (GIFa),Anchor, Legrand (arteor),L&T(Entice)**	4	Nos	58.00	Rupees FiftyEight Only	Each	232.00
5	Supplying and fixing 5 pin 5/6 amps Piano type socket outlet connections etc.as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:-Havells (Athena), Goldmedal (GIFa), Anchor, Legrand (arteor),L&T(Entice)**	5	Nos	23.00	Rupees TwentyThree Only	Each	115.00
6	Supplying and fixing 5 pin 5/6 amps Piano type switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:-Havells (Athena), Goldmedal (GIFa), Anchor, Legrand (arteor),L&T(Entice)**	7	Nos	31.00	Rupees ThirtyOne Only	Each	217.00
7	Supplying and fixing 6 pin 15/16 amps Piano type socket outlet connections etc.as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:-Havells (Athena) ,Goldmedal (GIFa), Anchor, Legrand (arteor),L&T(Entice)**	3	Nos	49.00	Rupees FourtyNine Only	Each	147.00
8	Supplying and fixing 15/16 amps, Piano type switch connections etc.as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:-Havells** (Athena), **Goldmedal (GIFa), Anchor, Legrand (arteor),L&T(Entice)**	3	Nos	58.00	Rupees FiftyEight Only	Each	174.00

9	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:- Havells,Finolex,RR Kable,KEI,Grandley,Plaza(grandley and plaza**						
i)	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	40	Metre	204.00	Rupees Two Hundred Four Only	Per Metre	8160.00
ii)	2x6 Sqmm+1x6Sqmm earth wire	10	Metre	457.00	Rupees Four Hundred FiftySeven Only	Per Metre	4570.00
10	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:- Havells, Finolex, RR Kable, KEI, Grandley, Plaza (grandley and plaza**	10	Metre	335.00	Rupees Three Hundred ThirtyFive Only	Per Metre	3350.00
11	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing aas required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:- Havells,Finolex,RR Kable, KEI, Grandley, Plaza (grandley and plaza**	15	Metre	583.00	Rupees Five Hundred EightyThree Only	Per Metre	8745.00
12	Providing and installation of following type of LED Batten with polycarbonate housing ,anti glare polycarbonate diffuser,surge protection 2.5 KV luminaire efficacy > 100lm/Watt with minimum 25000 burning hours,THD<15% in white finish and seprated energy efficient constant current, non-integral, electronic driver,relevent LM 79/80 complaince fromUN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **i) LED batten light 20 watt Make:- bajaj, havells, panasonic, Philips ,Wipro,LT,Chengi**	7	Nos	649.00	Rupees Six Hundred FourtyNine Only	Each	4543.00
13	Providing & fixing surface LED Downlight 12Watt to enhance the delight of occupants with comfortable expeerience through its classic design & glare free illumination of Jaquar make as per Cat no LNRO01R012XC complete with Connection,testing commissioning etc as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:- bajaj, havells, panasonic, Philips, Wipro, LT,Chengi**	2	Nos	1350.00	Rupees One Thousand Three Hundred Fifty Only	Each	2700.00
14	Supplying and fixing 5 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 complete in all respect as per entire satisfaction of Engineer- in- Charge. **i) Single pole. Make:- Havells,ABB,Legrand,L&T,schneider,C&S**	15	Nos	315.00	Rupees Three Hundred Fifteen Only	Each	4725.00
15	Supplying and fixing following rating, followings poles 10ka 240/415v 'C' curves miniature circuit braker suitable for inductive load of following poles in the exsisting MCB DB complete with connections, testing and commissioning etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **i) 40 A DP Make:-Havells, ABB, Legrand, L&T,schneider,C&S**	3	Nos	1367.00	Rupees One Thousand Three Hundred SixtySeven Only	Each	4101.00

16	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 complete in all respect as per entire satisfaction of Engineer- in- Charge. . **i) 40 A Make:- Havells, ABB, Legrand, L&T,schneider,C&S**	1	Nos	3056.00	Rupees Three Thousand FiftySix Only	Each	3056.00
17	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. i) **Exhaust Fan, Light duty, 300 mm sweep Make:- atomberg ,Havells,Orient,Gold Medal,Bajaj**	2	Nos	2394.00	Rupees Two Thousand Three Hundred NinetyFour Only	Each	4788.00
18	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes by means of expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, providing and fixing of 2 No C.P. connection rods 18" long, making good the damages, electrical connections,testing and commissioning etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **i) 35 Liter capacity water heater (Cat-A) Make:- havells, racold, bajaj, Goldmedal, jaguar**	2	Nos	15459.00	Rupees Fifteen Thousand Four Hundred FiftyNine Only	Each	30918.00
19	P/E LED Street light Fitting with cast aluminium body toughened glass and high power LEDs With Lenses complet with connections testing etc . as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:- bajaj, havells, panasonic, Philips, Wipro, LT,Chengi**	2	Nos	2757.00	Rupees Two Thousand Seven Hundred FiftySeven Only	Each	5514.00
	Total						86591.00
	Dismental Credit(-)						1000.00
	Total						85591.00

Draft schedule of Quantity checked and approved for RS. 85591/ only.

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP).

	Job- 7			Estimated Cost:- Rs.99239 /-only.			
				Earnest Money :- Rs.2000/-only.			
				Time :- One Month			

Draft SCHEDULE OF QUANTITY

Name of work:- R/M of E.I in HPPWD Assistant Engineer Residance Marhi Tehsil Dharampur Distt Mandi (S.H. Prov. Rewiring ,Modular accessories and led fixture there in)

Sr. No.	Description	Qty.		Rate		Units	Amount
				In figure	In words		
1	Re-wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in existing surface/recessed Steel / PVC conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable including dismantling of the existing wiring as required. (including switch & sheet etc.) complete in all respect as per entire satisfaction of Engineer- in- Charge. **Group A. Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / HEVELLS.**	22	Nos	756.00	Rupees Seven Hundred FiftySix Only	Each	16632.00
2	Re-wiring for Twin control light point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in existing surface/recessed Steel / PVC conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable including dismantling of the existing wiring as required. (including switch & sheet etc.)complete in all respect as per entire satisfaction of Engineer- in- Charge. **Group A. Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / HEVELLS.**	5	Nos.	892.00	Rupees Eight Hundred NinetyTwo Only	Each	4460.00
3	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make : Legrand (Myriu) / L&T (enGem) / Anchor Panasonic (Penta) /SSK / ABB (Similar Class).**	14	Nos.	406.00	Rupees Four Hundred Six Only	Each	5684.00
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in-Charge.**Make : Legrand (Myriu) / L&T (enGem) / Anchor Panasonic (Penta) /SSK / ABB (Similar Class).**	7	Nos.	622.00	Rupees Six Hundred TwentyTwo Only	Each	4354.00
5	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as per entire satisfaction of Engineer- in- Charge. **Make:** ANCHOR , CONA , ESS ESS KAY .	1	Nos	208.00	Rupees Two Hundred Eight Only	Each	208.00
6	Supplying and fixing 5 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 complete in all respects and to the best satisfaction of Engineer-in-charge. **i) Single pole Make:- Havells, ABB, Legrand, L&T, schneider,C&S**	12	Nos	315.00	Rupees Three Hundred Fifteen Only	Each	3780.00

7	Supplying and fixing following rating, followings poles 10ka 240/415v 'C' curves miniature circuit braker suitable for inductive load of following poles in the exsisting MCB DB complete with connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. **i) 63 A DP Make:- Havells, ABB, Legrand, L&T,schneider,C&S**	2	Nos	1549.00	Rupees One Thousand Five Hundred FourtyNine Only	Each	3098.00
8	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) complete in all respects and to the best satisfaction of Engineer-in-charge. **Make:- Havells, ABB, Legrand, L&T, schneider,C&S**						
i)	8 way , Double door	1	Nos	2650.00	Rupees Two Thousand Six Hundred Fifty Only	Each	2650.00
ii)	12 way , Double door	1	Nos	3152.00	Rupees Three Thousand One Hundred FiftyTwo Only	Each	3152.00
9	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as per entire satisfaction of Engineer- in- Charge. **Make:- PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI**						
i)	3 x 1.5 sq. mm	95	Metre	111.00	Rupees One Hundred Eleven Only	Per Metre	10545.00
ii)	3 x 4 sq. mm	80	Metre	249.00	Rupees Two Hundred FourtyNine Only	Per Metre	19920.00
iii)	3 x 6 sq. mm	10	Metre	360.00	Rupees Three Hundred Sixty Only	Per Metre	3600.00
10	Providing and installation of **LED Batten Light 20W** with polycarbonate housing ,anti glare polycarbonate diffuser,surge protection 2.5 KV luminaire efficacy > 100lm/Watt with minimum 25000 burning hours,THD<15% in white finish and seprated energy efficient constant current, non-integral electronic driver;relevent LM 79/80 complaince fromUN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as per entire satisfaction of Engineer-in- Charge. **(Make : Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max . Hevells/ Clair)**	7	Nos	649.00	Rupees Six Hundred FourtyNine Only	Each	4543.00
11	Providing and installation of **LED Down Light 12W recess** mounting Round / Square type LED Downlight with polycarbonate housing ,anti glare polycarbonate diffuser,surge protection 2.5 KV luminaire efficacy > 85lm/Watt with minimum 25000 burning hours,THD<15% in white finish and seprated energy efficient constant current, non-integral, electronic driver; relevent LM 79/80 complaince from UN/NABL Labsuitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required complete in all respect as per entire satisfaction of the Engineer in charge. **(Make : Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max . Hevells/ Clair)**	7	Nos	645.00	Rupees Six Hundred FourtyFive Only	Each	4515.00

12	Supplying & fixing wall bracket fitting single lamp with Plastic body holder cap/B22/E27 , complete with all accessories ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. **(Make : Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max . Hevells/ Clair)**	4	Nos	840.00	Rupees Eight Hundred Fourty Only	Each	3360.00
13	Providing and fixing LED Lamp 9 watt Having Luman Output 840 lm, Colour temp 3000K in an existing Lamp Holder B22 Lamp Holder of Havells Make having cat No.LHLDEUEEMC8R009 as required complete in all respects and to the best satisfaction of Engineer-in-charge. **Make:- bajaj, havells, panasonic, Philips, Wipro, LT,Chengi**	4	Nos	138.00	Rupees One Hundred ThirtyEight Only	Each	552.00
14	Supplying & fixing LED Mirror Light 1 FEET TUBE 5 W 6500 K,PC BATTEN, ,complete with all accessories ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. **Make:- bajaj, havells, panasonic, Philips, Wipro,LT,Chengi**	2	Nos	368.00	Rupees Three Hundred SixtyEight Only	Each	736.00
15	Supplying and fixing of following sizes of PVC conduit along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as per entire satisfaction of Engineer- in- Charge. **i) 25 mm diaMake : AKG/ BEC / NIC/ Diplast.**	50	Metre	96.00	Rupees NinetySix Only	Per Metre	4800.00
16	Providing and fixing of following sizes of PVC casing and capping on surface as required complete in all respects and to the best satisfaction of Engineer-in-charge. **i) 25 mm x 15 mm.**	30	Metre	65.00	Rupees SixtyFive Only	Per Metre	1950.00
17	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge **Make:- Havells,ABB,Legrand,L&T,schneider,C&S**	4	Nos	425.00	Rupees Four Hundred TwentyFive Only	Each	1700.00
	Total						100239.00
	Dismental credit(-)						1000.00
	Total						99239.00

Draft schedule of quantity checked and approved for Rs. 99239/- only.

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP).

	Job- 8			Estimated Cost:- Rs. 98321/-only.		
				Earnest Money :- Rs.2000/-only.		
				Time :- One Month		

Draft SCHEDULE OF QUANTITY

Name of work:- R/M of E.I in HPPWD Sub Division Marhi Tehsil Dharmpur Distt Mandi(S.H. Prov. Rewiring ,Modular accessories and led fixture there in

Sr. No.	Description	Qty.		Rate		Units	Amount
				In figure	In words		
1	Re-wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in existing surface/recessed Steel / PVC conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable including dismantling of the existing wiring as required. (including switch & sheet etc.) complete in all respect as per entire satisfaction of Engineer- in- Charge. i) **Group C Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / HEVELLS.**	22	Nos	1053.00	Rupees One Thousand FiftyThree Only	Each	23166.00
2	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 A modular socket outlet and 5/6 A modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make : Legrand (Myriu) / L&T (enGem) / Anchor Panasonic (Penta) /SSK / ABB (Similar Class),**	6	Nos.	406.00	Rupees Four Hundred Six Only	Each	2436.00
3	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge.**Make : Legrand (Myriu) / L&T (enGem) / Anchor Panasonic (Penta) /SSK / ABB (Similar Class).**	6	Nos.	622.00	Rupees Six Hundred TwentyTwo Only	Each	3732.00
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3Nos. 3 pin 5/6 A modular socket outlet and 3Nos. 5/6 A modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. (Computer point) **Make : Legrand (Myriu) / L&T (enGem) / Anchor Panasonic (Penta) /SSK / ABB (Similar Class).**	6	Nos.	895.00	Rupees Eight Hundred NinetyFive Only	Each	5370.00
5	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make: ANCHOR , CONA , ESS ESS KAY .**	4	Nos	208.00	Rupees Two Hundred Eight Only	Each	832.00

	Job- 8			Estimated Cost:- Rs. 98321/-only.		
				Earnest Money :- Rs.2000/-only.		
				Time :- One Month		

Draft SCHEDULE OF QUANTITY

Name of work:- R/M of E.I in HPPWD Sub Division Marhi Tehsil Dharmpur Distt Mandi(S.H. Prov. Rewiring ,Modular accessories and led fixture there in

Sr. No.	Description	Qty.		Rate		Units	Amount
				In figure	In words		
1	Re-wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in existing surface/recessed Steel / PVC conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable including dismantling of the existing wiring as required. (including switch & sheet etc.) complete in all respect as per entire satisfaction of Engineer- in- Charge. i) **Group C Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / HEVELLS.**	22	Nos	1053.00	Rupees One Thousand FiftyThree Only	Each	23166.00
2	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 A modular socket outlet and 5/6 A modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make : Legrand (Myriu) / L&T (enGem) / Anchor Panasonic (Penta) /SSK / ABB (Similar Class),**	6	Nos.	406.00	Rupees Four Hundred Six Only	Each	2436.00
3	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge.**Make : Legrand (Myriu) / L&T (enGem) / Anchor Panasonic (Penta) /SSK / ABB (Similar Class).**	6	Nos.	622.00	Rupees Six Hundred TwentyTwo Only	Each	3732.00
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3Nos. 3 pin 5/6 A modular socket outlet and 3Nos. 5/6 A modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. (Computer point) **Make : Legrand (Myriu) / L&T (enGem) / Anchor Panasonic (Penta) /SSK / ABB (Similar Class).**	6	Nos.	895.00	Rupees Eight Hundred NinetyFive Only	Each	5370.00
5	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make: ANCHOR , CONA , ESS ESS KAY .**	4	Nos	208.00	Rupees Two Hundred Eight Only	Each	832.00

6	Supplying and fixing 5 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 complete in all respects and to the best satisfaction of Engineer-in-charge. **i) Single pole Make:-Havells, ABB, Legrand, L&T, schneider,C&S**	13	Nos	315.00	Rupees Three Hundred Fifteen Only	Each	4095.00
7	Supplying and fixing following rating, followings poles 10ka 240/415v 'C' curves miniature circuit braker suitable for inductive load of following poles in the exsisting MCB DB complete with connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.**i) 63 A DP Make:-Havells, ABB, Legrand, L&T,schneider,C&S**	3	Nos	1549.00	Rupees One Thousand Five Hundred FourtyNine Only	Each	4647.00
8	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) complete in all respects and to the best satisfaction of Engineer-in-charge. **Make:-Havells,ABB,Legrand,L&T,schneider,C&S**						
i)	4 way , Double door	1	Nos	2121.00	Rupees Two Thousand One Hundred TwentyOne Only	Each	2121.00
ii)	8 way , Double door	1	Nos	2650.00	Rupees Two Thousand Six Hundred Fifty Only	Each	2650.00
iii)	12 way , Double door	1	Nos	3152.00	Rupees Three Thousand One Hundred FiftyTwo Only	Each	3152.00
9	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:Havells,Finolex,RR Kable,KEI,Grandley,Plaza**						
i)	3 x 1.5 sq. mm	70	Metre	111.00	Rupees One Hundred Eleven Only	Per Metre	7770.00
ii)	3 x 4 sq. mm	70	Metre	249.00	Rupees Two Hundred FourtyNine Only	Per Metre	17430.00
iii)	3 x 6 sq. mm	2	Metre	360.00	Rupees Three Hundred Sixty Only	Per Metre	720.00
10	Providing and installation exhaust fan of following sizes in the existing opening, Double ball bearing type metal frame including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required: of Approved Make Domestic type.**i) Exhaust Fan, Light duty, (Domestic) 300 mm sweep Make: Bajaj , Usha, Hevells**	1	Nos	2565.00	Rupees Two Thousand Five Hundred SixtyFive Only	Each	2565.00

11	Providing and installation of following type of Surface mounting Round/square type LED Downlight with PDC/CRCA housing ,anti glare polycarbonate diffuser,surge protection 2.5 KV luminaire efficacy > 100 lm/Watt with minimum 25000 burning hours,THD<15% in white finish and seprated energy efficient constant current, non-integral, electronic driver;relevent LM 79/80 complaince from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required complete in all respect as per entire satisfaction of the Engineer in charge. **(Make : Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max . Hevells/ Clair)**						
i)	Square LED Down Light 12W Surface	1	Nos	649.00	Rupees Six Hundred FourtyNine Only	Each	649.00
ii)	Square LED Down Light 24W Surface	2	Nos	1196.00	Rupees One Thousand One Hundred NinetySix Only	Each	2392.00
12	Providing and installation of **LED Batten Light 20W** with polycarbonate housing ,anti glare polycarbonate diffuser,surge protection 2.5 KV luminaire efficacy > 85lm/Watt with minimum 25000 burning hours,THD<15% in white finish and seprated energy efficient constant current, non-integral, electronic driver;relevent LM 79/80 complaince fromUN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **(Make : Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max . Hevells/ Clair)**	9	Nos	649.00	Rupees Six Hundred FourtyNine Only		5841.00
13	Supplying & fixing wall bracket fitting single lamp with Plastic body holder cap/B22/E27 , complete with all accessories ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.**(Make : Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max . Hevells/ Clair)**	1	Nos	840.00	Rupees Eight Hundred Fourty Only	Each	840.00
14	Supplying and fixing PVC batten/ angle holder including connections etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. **Make: ANCHOR , CONA , ESS ESS KAY .**	4	Nos	102.00	Rupees One Hundred Two Only	Each	408.00
15	Providing and fixing LED Lamp 9 watt Having Luman Output 840 lm, Colour temp 3000K in an existing Lamp Holder B22 Lamp Holder of Havells Make having cat No.LHLDEUEEMC8R009 as required complete in all respects and to the best satisfaction of Engineer-in-charge. **(Make : Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max . Hevells/ Clair)**	1	Nos	138.00	Rupees One Hundred ThirtyEight Only	Each	138.00
16	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.**Make:- atomberg (Efficio), Havells (Efficia Neo), Orient(hector 500), Gold Medal (Maruti), Bajaj (efficia)**	5	Nos	425.00	Rupees Four Hundred TwentyFive Only	Each	2125.00

17	Supplying and fixing of following sizes of PVC conduit along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required complete in all respect **i) 25 mm dia Make : AKG/ BEC / NIC/ Diplast.**	20	Metre	96.00	Rupees NinetySix Only	Per Metre	1920.00
18	Providing and fixing of following sizes of PVC casing and capping on surface as required complete in all respects and to the best satisfaction of Engineer-in-charge. **i) 25 mm x 15 mm.**	20	Metre	65.00	Rupees SixtyFive Only	Per Metre	1300.00
19	Supplying & fixing 25 watt High perfomance LED Street light in aluminium pressure die cast housing with toughened glass cover (IP66 rating) complete with all accessories ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge **(Make : Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max . Hevells/ Clair).**	1	Nos	3022.00	Rupees Three Thousand TwentyTwo Only	Each	3022.00
	Total						99321.00
	Dismental Credit(-)						1000.00
	Total						98321.00

Draft schedule of quantity checked and approved for RS. 98321/- only.

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP).

	Job- 9			Estimated Cost:- Rs.79719/-only.	
				Earnest Money :- Rs.1600/-only.	
				Time :- One Month	

Draft Schedule of Quanitity

Name of work:-Special Repair for 13 Passenger Elevator (Equipment No 43344783) Make 'KONE' installed in Combined Office Building at Banjar District Kullu H.P.

Sr. No.	Description	Qty.		Rate		Units	Amount
				In figure	In words		
1	Special repair to Passenger elevator **Equipment No. 43344783** Make KONE of following parts complete in all respect including all accessories, labour and other miscellaneous charges, installation, tesing & commissioning to best satisfaction of Engineer In Charge.						
i)	Supplying Installation, tesing & commissioning of Emergency Rescue Device, Request for information (RFI) Assembly complete in all respect having Material utilization Group 10500-PC BOARDS & Material Group B72-PCB assembly	1	Nos	21249.50	Rupees TwentyOne Thousand Two Hundred FourtyNine Paise Fifty Only	Each	21249.50
ii)	Supplying Installation, tesing & commissioning of Emergency Rescue Device sensor board assembly.	1	Nos	30304.20	Rupees Thirty Thousand Three Hundred Four Paise Twenty Only	Each	30304.20
iii)	Supplying Installation, tesing & commissioning of Sensor, Magnet 250VDC, 250VAC, 3A,D12mm	1	Nos	11053.80	Rupees Eleven Thousand FiftyThree Paise Eighty Only	Each	11053.80
iv)	Supplying Installation, tesing & commissioning of Sensor, Magnet 100VDC, 150VAC, 3A,D12mm	1	Nos	9790.00	Rupees Nine Thousand Seven Hundred Ninety Only	Each	9790.00
v)	Supplying Installation, tesing & commissioning of Exide Battery 12V 7.5 AH	5	Nos	1464.38	Rupees One Thousand Four Hundred SixtyFour Paise ThirtyEight Only	Each	7321.90
	Total						79719.40

DNIT checked & passed for Rs 79719/-.

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP).