

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

NOTICE INVITING TENDER

Sealed Percentage rate tender on Form No. 6&8 are invited by the Executive Engineer, Electrical Division, HPPWD, Mandi (H.P.) for the following works work at Sr No. 1 to 14 from approved and eligible contractors enlisted in appropriate class in HPPWD (Electrical) department having valid Electrical license, and for work at Sr No. 15 from OEM (Lift) / Authorized agency of OEM (Lift) having similar work experience so as to reach in his office on or before 04.03.2024 up to 03.30 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 04.03.2024 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 the tender documents should be accompanied with earnest money of each work separately in the shape of National Saving Certificate/FDR/ Call Deposit / Bank draft of any Schedule Bank / Post Office duly pledged in favour 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.

Work No. 1:- C/o 50 Bedded Hospital at Bagsaid, District Mandi HP (SH: Providing Balance work of E.I therein) Estimated Cost: Rs. 261816/-only, Earnest money: Rs. 5250/- only, Time allowed: - Along with Civil Work.

Work No. 2:- C/o Pre-Fabricated / Pre Engineered PHC Building with Light Gauge Steel Frame Structure (LGSF) Technology at Baridhar District Mandi HP (SH: Providing E.I therein) Estimated Cost: Rs. 499634/-only, Earnest money: Rs. 10000/- only, Time allowed: - Along with Civil Work

Work No. 3:- Supplying of DG Power in HPPWD Circle / Sub Division Office at Dharmpur District Mandi HP) Estimated Cost: Rs. 166953/-only, Earnest money: Rs. 3400/- only, Time allowed: - One Month

Work No. 4:- Replacement of E.I in HPPWD Rest House at Sunder Nagar District Mandi HP) Estimated Cost: Rs. 171874/-only, Earnest money: Rs. 3450/- only, Time allowed: - One Month

Work No. 5:- Providing E.I in HPPWD Assistant Engineer Residence a Mandap Tehsil Dharmpur, District Mandi HP) Estimated Cost: Rs. 201266/-only, Earnest money: Rs. 4050/- only, Time allowed: - Along with Civil Work

Work No. 6:- Providing rewiring in 1st floor of Block D at Civil Hospital Sunder Nagar, District Mandi HP) Estimated Cost: Rs. 471303/-only, Earnest money: Rs. 9500/- only, Time allowed: - One Month

Work No. 7:- Providing Networking and Machine Room MCB's in Combined Office Building at Thunag, District Mandi HP Estimated Cost: Rs. 480179/-only, Earnest money: Rs. 9600/- only, Time allowed: - One Month

Work No. 8:- Providing Some additional Plug and Heating points and replacement of LED Lights, Ceiling Fan, Batten Holder, LED Bulb, MCB (SP & DP) in various branches of Chief Office Building, Lawn, Main Gate, Division no. II, Sub Division No. III, Geyser in Class III Rest House, Wiring in Electrical Division Office at Jail Road, District Mandi HP Estimated Cost: Rs. 157073/-only, Earnest money: Rs. 3150/- only, Time allowed: - Two Months.

Work No. 9:- Replacement of Wiring in Branch Office at HP State Co-operative Bank Ltd. at Mandi District Mandi HP Estimated Cost: Rs. 373359/-only, Earnest money: Rs. 7500/- only, Time allowed: - Two Months

Work No. 10:- C/o Veterinary dispensary Building at Kehanwal, District Mandi HP (SH: Providing E.I therein) Estimated Cost: Rs. 112739/-only, Earnest money: Rs. 2300/- only, Time allowed: - One Month.

Work No. 11:- C/o Girls Hostel for Atal Adarsh Vidyalaya at Gudhari Tehsil Chachiot District Mandi HP (SH: Laying of conduit ground and 2nd and 3rd floor therein) Estimated Cost: Rs. 351720/-only, Earnest money: Rs. 7050/- only, Time allowed: - Along with civil work

Work No. 12:- Providing Main and Sub Panel in Combined Office Building at Thunag, District Mandi HP Estimated Cost: Rs. 239512/-only, Earnest money: Rs. 4800/- only, Time allowed: - Two Months

Work No. 13:- Repair and Maintenance of E.I of various Non Residential Buildings at Shri Lal Bahadur Shastri Govt. Medical College and Hospital Nerchowk, District Mandi HP (SH: Replacement and Maintenance of damaged E.I Safety Accessories in Electrical Control Panels) Estimated Cost: Rs. 184944/-only, Earnest money: Rs. 3700/- only, Time allowed: - Two Months

PTO

Work No. 14:- Repair and Maintenance of various Non Residential Buildings at Shri Lal Bahadur Shastri Govt. Medical College and Hospital Nerchowk District Mandi HP (SH: Replacement and maintenance of damaged / Worn out E.I accessories Boys Hostel, Ground floor of Block A, B, C and RDH / Hospital 3rd floor therein) Estimated Cost: Rs. 144269/-only, Earnest money: Rs. 2890/- only, Time allowed: - Two Months.

Work No. 15:- Annual Repair and Maintenance of 8 Passenger Lift in Regional Research Institute (Ayurveda) at Jaral (Sayogi) Pandoh District Mandi HP) Estimated Cost: Rs. 336289/-only, Earnest money: Rs. 6750/- only, Time allowed: - Two Years

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.
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 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/2023-2024--

8847-63

Dated: 20-2-24

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.**
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- 11							Estimated Cost- Rs 261816/-only
							Earnest Money Rs.5250/-only
							Time - - Alongwith civil work
Draft Schedule of quantity							
NAME OF WORK :- C/o 50 Bedded Hospital Bagsaid Distt. Mandi HP (SH: Balannce work of E.I. there in.)							
S.No.	Description	Qty.	Rate in figure	Rate in word	Unit	Amount	
1.00	Wiring full light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm PVC insulated heat resistant flame retardant (HFRF) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq mm HFRF/PVC insulated single core copper conductor cable as required complete in all respect as per entire satisfaction of engineer in charge i) Group C. MAKE:- FINOLEX / PLAZA / RR / UNITECH / BENTON / KEI.	50	1797.00	Rupees One Thousand Seven Hundred NinetySeven Only	Each	89850.00	
2.00	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 i) Triple pole and Neutral, Cat-A MAKE :- LEGRAND / L&T/ C&S / GE	4	2458.00	Rupees Two Thousand Four Hundred FiftyEight Only	Each	9832.00	
3.00	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess complete with timed 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. MAKE :- LEGRAND / L&T / C&S / GE	4	1786.00	Rupees One Thousand Seven Hundred EightySix Only	Each	7144.00	
4.00	Double door-4way Providing, laying and fixing of one No. aluminium conductor PVC insulated and PVC sheathed, armoured/XLPE power cable, working voltage 1100 volts grade on surface etc. of the required size complete in all respect Make : Plaza, KEI, Kent,						
4.01	Armoured cable 16 sq. mm (3.5 core)	20	332.00	Rupees Three Hundred ThirtyTwo Only	Per Metre	6640.00	
4.02	Armoured cable 25 sq. mm (3.5 core)	60	370.00	Rupees Three Hundred Seventy Only	Per Metre	22200.00	
5.00	Prov. and fixing LED surface mounted 1x1 24 watt square aluminium die cast housing of superior quality complete with connection, commissioning as required complete in all respect. as per entire satisfaction of engineer in charge. Make Twinkle / Great White/Syska / Opulus / Bajaj / Great White / Phillips etc.	50	2523.00	Rupees Two Thousand Five Hundred TwentyThree Only	Each	126150.00	
	TOTAL					261816.00	

Draft schedule of Quantity checked and approved for Rs. 261816/- only.

Executive Engineer
Electrical Division
HAWD Mandi (HP)

10.00	Providing and fixing following rating and breaking capacity, 4-pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required complete in all respect. Make : L&T / Legrand / Siemens.								
10.01	63 Amp. -16 KA								
10.02	100 Amp. -25 KA								
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. Make : L&T / Legrand / Siemens.								
12.00	Double door-16 way 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/recess PVC conduit along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required complete in all respect as per entire satisfaction of Engineer- In- Charge Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.								
12.01	2x1.5 Sq mm	200	Metre	210.00			Rupees Two Hundred Ten Only	Per Metre	42000.00
12.02	2x4.0 Sq mm	310	Metre	324.00			Rupees Three Hundred TwentyFour Only	Per Metre	100440.00
12.03	2x10 Sq. mm.	40	Metre	588.00			Rupees Five Hundred EightyEight Only	Per Metre	23520.00
13.00	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 satisfaction of Engineer- in- Charge Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.	40	Metre	551.00			Rupees Five Hundred FiftyOne Only	Per Metre	22040.00
14.00	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 respect Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.	70	Metre	98.00			Rupees NinetyEight Only	Per Metre	6860.00
15.00	3x1.5 Sq. mm. Supplying and fixing bakelite batten/angle holder including connections etc. as required complete in all respect Make:- ANCHOR / CONA / SSK	15	Nos	85.00			Rupees EightyFive Only	Each	1275.00
	Total								499634.00

Draft schedule of quantity checked and approved for Rs. 499634/- only

Executive Engineer,
Electrical Division,
HP-PWD, Mandi (HP)

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Job- 3							Estimated Cost:- Rs. 166953/- only
							Earnest Money:- Rs. 3400/- only
							Time:- One month
Draft Schedule Of Quantity							
NAME OF WORK :- Supplying of DG Power In HPPWD Circle /Sub Division office at Dharampur Teshil Dharampur Distt Mandi (H.P)							
Sr. No.	Description	Qty.	In figure	In words	Units	Amount	
1.00	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 as per entire satisfaction of Engineer- in- Charge. Make : AKG/ BEC / NIC/ Diplast.	160	Metre	Rupees One Hundred Thirty Only	Per Metre	20800	
1.01	25 mm. dia						
2.00	Providing, laying and fixing of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured/XLPE power cable, working voltage 1100 volts grade on surface etc. of the required size complete in all respect as per entire satisfaction of Engineer- in- Charge. Cable Make : CCI/ Universal/ Finolex / Polycab / Rallison / Grandlay / KEI.	120	Metre	Rupees Three Hundred NinetyThree Only	Per Metre	47160	
2.02	Armoured cable 25 sq. mm (3.5 core)						
3.00	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required.complete in all respect Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.	30	Metre	Rupees Four Hundred Fourteen Only	Per Metre	12420	
3.03	2x6.0 Sq. mm.						
4.00	Providing and fixing SS Enclosure For MCCB suitable upto 125A including drilling holes in the cubicle panel, making connections, etc. as required complete in all respects (Make:-Hevells ,L&T)	2	Nos	Rupees One Thousand Eight Hundred NinetyFour Only	Each	3788	
5.00	Providing and fixing 80 -100 ampere rating, four pole, 415 volts, Automatic change over with current limiter of L&T Make having cat No. AUCL03080080 panel mounting, , making connections, etc. as required. as required complete in all respects (Make:-Hevells ,L&T)	2	Nos	Rupees TwentyFive Thousand One Hundred ThirtyThree Only	Each	50266	
6.00	Providing and fixing 200 Ampere TP&N switch disconnector fuse unit cubical type, 415/500 volts with 3 No. HBC/HRC fuses, in sheet steel enclosure including drilling holes on the board, connections, earthing the body etc. as required complete in all respects (Make:-Hevells ,L&T)	1	No	Rupees Fifteen Thousand One Hundred TwentyThree Only	Each	15123	

7.00	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer-in- Charge. Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class).	6	Nos.	616.00	Rupees Six Hundred Sixteen Only	Each	3696
8.00	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 respect Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.						
8.01	3x1.5 Sq. mm.	50	Metre	98.00	Rupees NinetyEight Only	Per Metre	4900
8.02	3 x 4 Sq. mm.	40	Metre	220.00	Rupees Two Hundred Twenty Only	Per Metre	8800
							166953

Draft schedule of Quantity checked and approved for Rs. 166953/- only.

Executive Engineer,
Electrical division,
HPDWD Mandi.

Job- 4							Estimated Cost:- Rs. 171874/-only.	
							Earnest Money :- Rs.3450/-only.	
							Time :- One Month.	
Draft SCHEDULE OF QUANTITY								
Name of work:- Replacement of E.I. inHPPWD Rest House Sunder Nagar Distt. Mandi H.P.								
Sr. No	Description	Qty.		In figure	Rate		Units	Amount
						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 PVC casing & capping and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required. , Group c complete in all respect as per entire satisfaction of Engineer- in- Charge. Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.	18	Nos	804		Rupees Eight Hundred Four Only	Each	14472
2	Supplying and fixing following rating Piano-type switch on the existing switch box / cover including connections etc. as required. complete in all respect as per entire satisfaction of Engineer- in- Charge. Make:- ESS ESS KAY / CONA / Anchor.	17	Nos	47		Rupees FourtySeven Only	Each	799
3	Supplying and fixing following rating Piano-type socket on the existing switch box / cover including connections etc. as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. Make:- ESS ESS KAY / CONA / Anchor.	8	Nos	66		Rupees SixtySix Only	Each	528
4	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 5 pin 5/6 amps modular socket outlet and 5/6 amps, modular switch, connections etc. as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class).	6	Nos	494		Rupees Four Hundred NinetyFour Only	Each	2964
5	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. . Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class).	8	Nos	616		Rupees Six Hundred Sixteen Only	Each	4928
6	Supplying and fixing indoor decorative LED batten with extruded aluminium powder coated housing& opal diffuser IP20.Aasper Halonex Make price w.e.f Nov 2017 Cat No HLB-08-10 -cw-AI 18W complete in all respect complete in all respect as per entire satisfaction of Engineer- in- Charge.	13	Nos	646		Rupees Six Hundred FortySix Only	Each	8398

7	Providing & fixing surface LED Downlight 12Watt to enhance the delight of occupants with comfortable experience through its classic design & glare free illumination of Jaquar make as per Cat no. LNRO01R012XC complete with Connection,testing commissioning etc as required in all respect complete in all respect as per entire satisfaction of Engineer- in- Charge.	5	Nos	2725	Rupees Two Thousand Seven Hundred TwentyFive Only	Each	13625
8	Supplying and fixing stepped type Modular fan regulator on the existing modular box including making connections etc. as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. Make:- Bajaj, Usha, Anchor Panasonic	5	Nos	823	Rupees Eight Hundred TwentyThree Only	Each	4115
9	Providing, Installation, testing and commissioning of ceiling fan with step type fan regulator white in colour including wiring the down rods of standard length(up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, coppercable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. Make:- Bajaj, Usha, Anchor Panasonic	5	Nos	2655	Rupees Two Thousand Six Hundred FiftyFive Only		13275
10	i) Ceiling Fan 1200 mm. Cat-A 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 dcomplete in all respect as per entire satisfaction of Engineer- in- Charge. i) Exhaust Fan, Light duty, 300 mm sweep Make:- Bajaj, Usha, Anchor Panasonic	8	Nos	2244	Rupees Two Thousand Two Hundred FourtyFour Only	Each	17952
11	Supplying and fixing of LED Mirror light including making connections,testing etc. as required dcomplete in all respect as per entire satisfaction of Engineer- in- Charge.	9	Nos	971	Rupees Nine Hundred SeventyOne Only		8739
12	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. Make:- Bajaj / Usha / RECOLD	3	Nos	15459	Rupees Fifteen Thousand Four Hundred FiftyNine Only	Each	46377
13	35 Liter capacity water heater (Cat-A) Supplying and fixing of LED Wall Bracket including making connections,testing etc. as required. Make : Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max ,Havells .	4	Nos	1108	Rupees One Thousand One Hundred Eight Only	Each	4432
14	Wiring for light plug with 2x1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in PVC casing & capping along with 1 No.1.5 Sq.mm. HRRFSL/PVC insulated single core copper conductor cable for earthing as required. Make:- PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.	50	Metre	186	Rupees One Hundred EightySix Only	Per Metre	9300

15	Wiring for power plug with 2x4 Sq. mm. PVC insulated heat resistant flame retardant (HFRF) and low smoke single core (flexible) copper conductor cable in PVC casing & capping along with 1 No.4 Sq.mm. HRFLS/PVC insulated single core copper conductor cable for earthing as required complete in all respect as per entire satisfaction of Engineer- in- Charge. Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.	25	Metre	301	Rupees Three Hundred One Only	Per Metre	7525
16	Providing and fixing Bell Indicator 12 way of approved make complete with connections testing and commissioning etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge.	2	Nos	6000	Rupees Six Thousand Only	Each	12000
17	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 pin 15/16 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:- ESS ESS KAY / CONA / Anchor.	5	Nos	489	Rupees Four Hundred EightyNine Only	Each	2445
Total							171874

Draft schedule of Quantity checked and approved for RS. 171874/- only.

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

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Job					Estimated Cost:- Rs. 201266/- only	Earnest Money:- Rs. 4050/- only	Time:- Along with Civil Work
Draft Schedule Of Quantity Name of Work:-Providing E.I in HPPWD Assistant Engineer Residence Mandap Tehsil Dharampur Distt. Mandi (H.P.)							
Sr. No.	Description	Qty.	In Figure	In Words	Units	Amount	
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 with modular switch, 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.	23	918.00	Rupees Nine Hundred Eighteen Only	Each	21114.00	
2.00	Wiring for twin control light point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit with 2-way, 5/6 amps. modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required complete in all respect as per entire satisfaction of Engineer- in-Charge. Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.	4	1311.00	Rupees One Thousand Three Hundred Eleven Only	Each	5244.00	
3.00	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 5 pin 5/6 amps modular socket outlet and 5/6 amps, modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in-Charge. Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class).	16	494.00	Rupees Four Hundred NinetyFour Only	Each	7904.00	
4.00	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in-Charge. Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class).	8	616.00	Rupees Six Hundred Sixteen Only	Each	4928.00	
5.00	Supplying and fixing following rating Modular switch /socket in the existing switch box / cover plate including 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).	2	138.00	Rupees One Hundred ThirtyEight Only	Each	276.00	
5.01	T.V. socket outlet, Modular.						
6.00	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: ANCHOR , CONA , ESS KAY .	1	281.00	Rupees Two Hundred EightyOne Only	Each	281.00	
7.00	Providing and installation of Wall fan of following sizes , making good the damages, connections, testing and commissioning etc. as required complete in all respect as per entire satisfaction of Engineer- in-Charge. Make: Bajaj , Usha, Anchor,Havells .	4	3439.00	Rupees Three Thousand Four Hundred ThirtyNine Only	Each	13756.00	
7.01	Wall Fan 400 mm sweep						
8.00	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. Make: Bajaj , Usha, Anchor	3	2244.00	Rupees Two Thousand Two Hundred FourtyFour Only	Each	6732.00	
8.01	Exhaust Fan, Light duty, (Domestic) 300 mm sweep						

19.00	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. Make : L&T / Legrand / Siemens..	2	Nos.	1324.00	Rupees One Thousand Three Hundred TwentyFour Only	Each	2648.00
	Double pole Cat-A				0		0.00
20.00	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamps in the existing MCB DB complete with connections, testing and commissioning etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. Make : L&T / Legrand / Siemens..	2	Nos.	3935.00	Rupees Three Thousand Nine Hundred ThirtyFive Only	Each	7870.00
	63 Amps.(Category-A)						
21.00	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with timed 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. Make L&T / LEGRAND / SIEMENS.	2	Nos	2711.00	Rupees Two Thousand Seven Hundred Eleven Only	Each	5422.00
21.01	Double door-12 way						
22.00	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 respect as per entire satisfaction of Engineer- in- Charge. Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.						
22.01	2x1.5 Sq. mm.	60	Metre	215.00	Rupees Two Hundred Fifteen Only	Per Metre	12900.00
22.02	2x4.0 Sq. mm.	60	Metre	329.00	Rupees Three Hundred TwentyNine Only	Per Metre	19740.00
22.03	2x10.0 Sq. mm.	5	Metre	603.00	Rupees Six Hundred Three Only	Per Metre	3015.00
23.00	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 respect as per entire satisfaction of Engineer- in- Charge. Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.	40	Metre	98.00	Rupees NinetyEight Only	Per Metre	3920.00
23.01	3x1.5 Sq. mm.						
24.00	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 respect as per entire satisfaction of Engineer- in- Charge. Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.	40	Metre	556.00	Rupees Five Hundred FiftySix Only	Per Metre	22240.00
25.00	Earthing with G.I earth pipe 4.5 mtr. long and 40mm dia, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required complete in all respect as per entire satisfaction of Engineer- in- Charge.	1	Sets	5237.00	Rupees Five Thousand Two Hundred ThirtySeven Only	Each	5237.00

9.00	Providing and fixing LED Recess/ pendant 24 watt Square /Round pannel with aluminium die cast housing of superior quality complete with Connection,testing commissioning as required complete in all respect as per entire satisfaction of the Engineer in charge. Make : Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max .	2	Nos.	1517.00	Rupees One Thousand Five Hundred Seventeen Only	Each	3034.00
10.00	Providing and fixing recess mounted Square/round LED downlight 6 Watt with Al die-cast body finish with drop down PC diffuser to deliver low glare illumination with optimized heat sink for efficient heat dissipation complete with Connection,testing commissioning etc as required in all respect as per entire satisfaction of the Engineer in charge. Make : Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max .	2	Nos	683.00	Rupees Six Hundred EightyThree Only	Each	1366.00
11.00	Supplying and fixing of LED Wall Bracket including making connections, testing etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. Make:- Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Luminaires .	3	Nos.	840.00	Rupees Eight Hundred Forty Only	Each	2520.00
12.00	Supplying and fixing of Batten holder including making connections, testing etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. Make:- Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Luminaires .	1	Nos.	88.00	Rupees EightyEight Only	Each	88.00
13.00	Supplying and fixing of LED Mirror light 5 W including making connections, testing etc. as required complete in all respect. Make:- Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Luminaires .	2	Nos.	368.00	Rupees Three Hundred SixtyEight Only	Each	736.00
14.00	Supplying & fixing Decorative ultra slim aluminium LED TUBE 22 W LED 6500 K LHEXACP7IN1S022,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 : Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max .	5	Nos	608.00	Rupees Six Hundred Eight Only	Each	3040.00
15.00	Supplying & fixing LED Metal Bulk Head 10 Watt Having Cat no. (LBLEK02X010XC) comprising of pressure die cast housing with acrylic diffuser (IP65 protection) 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 .	2	Nos	1474.00	Rupees One Thousand Four Hundred SeventyFour Only	Each	2948.00
16.00	Supplying and fixing of LED Lamp 10 Watt including making connections, testing etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. Make:- Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Luminaires .	1	Nos	197.00	Rupees One Hundred NinetySeven Only	Each	197.00
17.00	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes by means of Expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, providing and fixing of Non-return valve, Dead weight safety valve, 2 No C.P. connection rods 18" long, making good the damages, electrical connections, safety valve connections, testing and commissioning etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. Make : Racold / Bajaj / Usha.				0		0.00
17.01	10 Liter capacity water heater (Cat-A)	1	Nos	10917.00	Rupees Ten Thousand Nine Hundred Seventeen Only	Each	10917.00
17.02	25 Liter capacity water heater (Cat-A)	2	Nos	13769.00	Rupees Thirteen Thousand Seven Hundred SixtyNine Only	Each	27538.00
18.00	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 respect. Make : L&T / Legrand / Siemens.	13	Nos.	284.00	Rupees Two Hundred EightyFour Only	Each	3692.00
	Single pole. Cat-A.						

26.00	Extra for using salt and charcoal for pipe earth electrode complete as required complete in all respect as per entire satisfaction of Engineer- in- Charge.	1	Sets	1493.00	Rupees One Thousand Four Hundred Ninety Three Only	Each	1493.00
27.00	Supplying and laying 6 SWG G.I. wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge.	10	Metre	47.00	Rupees Forty Seven Only	Per Metre	470.00
	TOTAL						201266.00

Draft Schedule of Quantity checked and approved for Rs. 201266/- only.

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

Job- 6							Estimated Cost:- Rs. 471303/- only	
							Earnest Money:- Rs. 9500/- only	
							Time:- One Month	
Draft Schedule Of Quantity								
Name Of Work- Providing rewiring in 1st floor of Block D at civil hospital Sunder Nagar Distt Mandi .								
Sr. No.	Description	Qty.	In figure	Rate	In words	Units	Amount	
1.00	Re-wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HFR) 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. HFR/LS/PVC insulated single core copper conductor cable including dismantling of the existing wiring as required complete in all respect as per entire satisfaction of engineer in charge. Group C Make:- PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI. (including switch & sheet etc.)	136 Nos.	649.00	Rupees Six Hundred FortyNine Only	Each	88264.00		
2.00	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 5 pin 5/6 amps modular socket outlet and 5/6 amps, modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class).	17 Nos.	484.00	Rupees Four Hundred EightyFour Only	Each	8228.00		
3.00	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class).	30 Nos.	607.00	Rupees Six Hundred Seven Only	Each	18210.00		
4.00	Supplying and fixing bakelite batten/angle holder including connections etc. as required complete in all respect . Make :- ANCHOR /CONA / ESSESSKAY.	12 Nos.	85.00	Rupees EightyFive Only	Each	1020.00		
5.00	Supplying and fixing indoor decorative LED batten with extruded aluminium powder coated housing& opal diffuser IP20.Asper Halonex Make price w.e.f Nov 2017 Cat No HLB-08-10 -cw Al 18W complete in all respect . Make : Clair / Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max .	33 Nos.	646.00	Rupees Six Hundred FortySix Only	Each	21318.00		
6.00	Providing & fixing surface LED Downlight 12Watt to enhance the delight of occupants with comfortable experience 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 : Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max .	29 Nos.	1350.00	Rupees One Thousand Three Hundred Fifty Only	Each	39150.00		
7.00	Supplying and fixing of fancy wall bracket containing thread type CFL lamp holder(s) of all sizes and shapes, complete with all accessories but excluding CFL lamp including making connections, testing etc. as required complete in all respect.. Make :- WIPRO/ BAJAJ/ PHILIPS/JAQUAR/(TWINKLE) LUX MAX/ KLITE	15 Nos.	941.00	Rupees Nine Hundred FortyOne Only	Each	14115.00		
	Long neck wall bracket 150 dia, single lamp.(Category-A)							

8.00	Providing, Installation, testing and commissioning of ceiling fan with regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required complete in all respect as per entire satisfaction of Engineer-in-Charge. i) Ceiling fan 1200 mm sweep (Category -A) Make : Usha / Bajaj / Anchor Panasonic.	24	Nos.	2645.00	Rupees Two Thousand Six Hundred FortyFive Only	Each	63480.00
9.00	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, (Domestic) 300 mm sweep Make: Bajaj , Usha, Anchor	10	Nos.	2244.00	Rupees Two Thousand Two Hundred FortyFour Only	Each	22440.00
10.00	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes by means of expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, providing and fixing of Non-return valve, Dead weight safety valve, 2 No C.P. connection rods 18" long, making good the damages, electrical connections, safety valve connections, testing and commissioning etc. as required complete in all respect as per entire satisfaction of Engineer-in-Charge. i) 25 Liter capacity water heater (Cat-A) Make:- Bajaj / Usha / Crompton.	5	Nos.	13721.00	Rupees Thirteen Thousand Seven Hundred TwentyOne Only	Each	68605.00
11.00	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required.						
11.01	3x1.5 Sq. mm.	200	Metre	98.00	Rupees NinetyEight Only	Per Metre	19600.00
11.02	6x1.5Sq. mm	80	Metre	156.00	Rupees One Hundred FiftySix Only	Per Metre	12480.00
11.03	2x4 Sq. mm	230	Metre	125.00	Rupees One Hundred TwentyFive Only	Per Metre	28750.00
11.04	4x4Sq.mm	90	Metre	239.00	Rupees Two Hundred ThirtyNine Only	Per Metre	21510.00
11.05	2x10 Sq.mm	25	Metre	316.00	Rupees Three Hundred Sixteen Only	Per Metre	7900.00
12.00	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 respect as per entire satisfaction of Engineer-in-Charge i) Single pole. Cat-A. Make : L&T / Legrand / SIEMENS.	21	Nos.	281.00	Rupees Two Hundred EightyOne Only	Each	5901.00
13.00	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) Double door-12 way Make : L&T / Legrand / SIEMENS.	3	Nos.	2693.00	Rupees Two Thousand Six Hundred NinetyThree Only	Each	8079.00

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Job- 7						Estimated Cost :- Rs. 480179/ Only
						Earnest Money :- Rs.9600/- Only
						Time :- One Month
DRAFT SCHEDULE OF QUANTITY						
Name of Work : Prov.Networking and Machine room MCBS in Combined office building at Thunag Distt Mandi [HP]						
S.No.	Description	Qty.	In Figure	In Words	Unit	Amount
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required.Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	3 Nos	1762.00	Rs One Thousand Seven Hundred and Sixty Two Only	Each	5286.00
2	Group C. Wiring for twin control light point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit with 2-way, 5/6 amps, modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required.Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	28 Nos	1805.00	Rs One Thousand Eight Hundred and Five Only	Each	50540.00
3	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required..PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI Cable make. 2x1.5 Sq. mm.	40 Metre	315.00	Rs Three Hundred and Fifteen Only	Per Metre	12600.00

4	Wiring for circuit 7 sub-main with 4x10 sq. mm. PVC insulated heat resistant flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No. 10 Sq.mm. (4X10+2X10)HRRFLS/PVC insulated single core copper conductor cable for earthing as required..PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI Cable make.	50	Metre	1268.00	Rs One Thousand Two Hundred and Sixty Eight Only	Per Metre	63400.00
5	Providing, laying and fixing of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured/XLPE power cable, working voltage 1100 volts grade on surface etc. of the required size:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI Cable make.	45	Metre	669.00	RsSix Hundred and Sixty Nine Only	Per Metre	30105.00
3	Armoured cable 120 sq. mm (3.5 core)						
	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:-Diplast,Policab	600	Metre	127.00	RsOne Hundred and Twenty Seven Only	Per Metre	76200.00
4	25 mm. dia						
	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:- Cat-A Make : L&T / Legrand / ABB / SIEMENS.	1	No	2055.00	Rs Two Thousand and Fifty Five Only	Each	2055.00
	Double Door6Way						
5	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:- Bajaj/Usha/Crompton Greaves						
i)	Exhaust Fan, Light duty, (Domestic) 300 mm sweep	1	Nos	1957.00	Rs One Thousand Nine Hundred and Fifty Seven Only	Each	1957.00

6	Supplying & fixing wall bracket fitting single lamp with Opal glass with Nickel finishing Wall Lamp, holder cap 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.	8	Nos	2207.00	Rs Two Thousand Two Hundred and Seven Only	Each	17656.00
	JAGUAR (Cat no.JNL-CHR-WLSL55004E27)/C&S/Crompton/bajaj or Equivalent make.						
7	Supplying & fixing Mirror light comprising of cylindrical opal glass complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	8	Nos	1835.00	Rs One Thousand Eight Hundred and Thirty Five Only	Each	14680.00
	Makes:-Jaquar (JNL-BRG-WLCYLNDSE14)/C&S/Crompton/bajaj or Equivalent.						
8	Supplying and laying of Cat-6 cable as per approved make complete in all respect	1700	Nos.	121.00	Rs One Hundred and Twenty One Only	Each	205700.00
							480179.00

Draft schedule of Quantity checked and approved for Rs. 480179/- only.

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

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Job- 8					Estimated Cost :- Rs. 157073/ Only
					Earnest Money :- Rs.3150 /- Only
					Time :- Two Month

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Prov . some additional plug & heating points & Replacement of LED lights , Ceiling Fan, Batten Holder , LED Bulb , MCB (SP & DP) in various branches of Chief Office building , Lawn , Main Gate , Div. No. II, Sub Division No. III ,geyser in Class -III Rest House ,Wiring in Electrical Division Office at Jail Raod under ESD Mandi

S.No.	Description	Qty.	Rate		Unit	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 PVC casing & capping and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required.Make :- PLAZA / FINOLEX/ UNITECH/BONTON/ KEI/BIYANI/GEMSCAB/CMI	21	916	Rs Nine Hundred and Sixteen Only	Each	19236
	Group -C					
2	Wiring for light plug with 2x1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in PVC casing & capping along with 1 No.1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required.Make :- PLAZA / FINOLEX/ UNITECH/BONTON/ KEI/BIYANI/GEMSCAB/CMI					
	2X1.5 sq mm	60	167.00	Rs One Hundred and Sixty Seven Only	P/Mtr	10020
	2x4sq mm	30	282.00	Rs Two Hundred and Eighty Two Only	P/Mtr	8460

3	Supplying and fixing of following sizes of PVC Cassing Capping along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required.- Make :- AKG/BEC/NIC/Diplast 25x15 mm	35	Mtr	55.00	Rs Fifty Five Only	1925
4	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. Make :- AKG/BEC/NIC/Diplast 25m dia	25	Mtr	130.00	Rs One Hundred and Thirty Only	3250
5	Supplying and fixing G.I. Modular box of suitable size with modular plate and cover in front on surface or in recess including providing and fixing 5 pin 5/6 amps modular socket outlet and 5/6 amps, modular switch, connections etc. as required. Make :- Legrand(Myriu)/L&T/ (Entice) /Anchor / SSK/ ABB(Similar Class)	15	No	494.00	Rs Four Hundred and Ninty Four Only	7410
6	Supplying and fixing G.I. Modular box of suitable size with modular plate and cover in front on surface or in recess,including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required. Make :- Legrand(Myriu)/L&T/ (Entice) /Anchor / SSK/ ABB(Similar Class)	15	No	616.00	Rs Six Hundred and SixteenOnly	9240
7	Supplying and fixing following rating Modular switch /socket in the existing switch box / cover plate including connections etc. as required. Make :- Legrand(Myriu)/L&T/ (Entice) /Anchor / SSK/ ABB(Similar Class)					
	5 Amp. Modular Switch	15	No	64	Rs Sixty Four Only	960
	5 Amp. Modular Socket	15	No	134	Rs OneHundred and Thirty FourOnly	2010
	15 Amp. Modular Switch	9	No	110	Rs One Hundred and Ten Only	990

15 Amp. Modular Socket		9	No	196	Rs One Hundred and Ninty Six Only	Each	1764
	Bell push	4	No	126	Rs One Hundred and Twenty Six Only	Each	504
8	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. Make :- Legrand/ L&T/Siemens	17	No	284	Rs Two Hundred and Eighty Four Only	Each	4828
	Single Pole Cat -A						
9	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. Make :- Legrand/ L&T/Siemens	3	No	1324	Rs One Thousand Three Hundred and Twenty Four Only	Each	3972
	Double pole cat -A						
10	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. MAKE:- RACOLD/USHA /HAVELLS	1	No	13769	Rs Thirteen Thousand Seven Hundred and Sixty Nine Only	Each	13769
	25 Liter capacity water heater (Cat-A)						
11	Supplying and fixing brass batten/angle holder including connections etc. as required complete in all respect. Make :- ANCHOR/ CONA/ ESS KAY	7	No	88	Rs Eighty Eight Only	Each	616
12	Providing & fixing bulb 7 watt complete with Connection, testing commissioning etc as required in all respect	11	No	173	Rs One Hundred and Seventy Three Only	Each	1903

13	Supplying & fixing Slim LED Panel 2Ft X 2Ft 40 Watt Surface mounted (having Cat No. LSVR01S040XW) made from extruded aluminium housing 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 :- JAQUARE WIPRO/ BAJAJ/ PHILIPS/JAQUAR/(TWINKLE) LUX MAX/ HAVELLS	14	No	3900	Rs Three Thousand Nine Hundred Only	Each	54600
14	Providing & fixing surface LED Tube 40 Watt to enhance the delight of occupants with comfortable experience through its classic design & glare free illumination of Clair make as per Cat no.ZD-LTD010-40 W complete with Connection,testing commissioning etc as required in all respect. Make :- JAQUARE WIPRO/ BAJAJ/ PHILIPS/JAQUAR/(TWINKLE) LUX MAX/ HAVELLS	4	No	2904	Rs Two Thousand Nine Hundred and Four Only	Each	11616
							157073

Draft schedule of quantity checked and approved for RS.157073/only.

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

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Job- 9							Estimated Cost :- Rs. 373359 Only Earnest Money :- Rs. 7500/- Only Time :- Two Months.
DRAFT SCHEDULE OF QUANTITY							
Name of Work : Replacement of wiring in Branch Office of HP State Co-operative Bank Ltd. at Mandi Distt Mandi (HP)							
S.No.	Description	Qty.	In Figure	Rate	In Words	Unit	Amount
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. i) Group C. Cable MAKE:- FINOLEX / PLAZA / RR / UNITECH / BENTON / KEL / Havells.	56	Nos	1283.00	Rupees One Thousand Two Hundred EightyThree Only	Each	71848.00
2	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 5 pin 5/6 amps modular socket outlet and 5/6 amps, modular switch, connections etc. as required complete in all respect as per entire satisfaction of engineer in charge. Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class).	15	Nos	484.00	Rupees Four Hundred EightyFour Only	Each	7260.00
3	Supplying and fixing G.I. Modular box of 140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required complete in all respect as per entire satisfaction of engineer in charge. Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class).	16	Nos	607.00	Rupees Six Hundred Seven Only	Each	9712.00
4	Supplying and fixing 20 Amps, 240 volts, SPN industrial socket outlet, 2-pole & earth, metal enclosed plug top, sheet steel enclosure, suitable to accommodate a 20 Amp SPN-MCB/DP, on surface or in recess, with chained metal cover for the socket outlet, complete with connections, testing and commissioning etc. as required complete in all respect as per entire satisfaction of Engineer-in-Charge. Make : L&T / Legrand / ABB make.	4	Nos.	1644.00	Rupees One Thousand Six Hundred FourtyFour Only	Each	6576.00
5	Supplying and fixing G.I. modular Box of 205 mm x78mmx50mm size with modular plate and cover in recess including providing and fixing 3 Nos 5 pin 5/6 Amps modular socket outlet, 3 Nos 5/6 Amps modular switch, as required etc. as required complete in all respect. Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class). (Computer Point)	14	Nos.	1069.00	Rupees One Thousand SixtyNine Only	Each	14966.00
6	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. Make: Bajaj , Usha, Anchor	3	Nos	2188.00	Rupees Two Thousand One Hundred EightyEight Only	Each	6564.00
	Exhaust Fan, Light duty, (Domestic) 300 mm sweep						

7	Providing and fixing LED Surface mounted 2x2 36 watt Square pannel with aluminium die cast housing of superior quality complete with Connection,testing commissioning as required complete in all respect as per entire satisfaction of the Engineer in charge. Make : Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max .	8	Nos	4151.00	Rupees Four Thousand One Hundred FiftyOne Only	Each	33208.00
8	Providing and fixing Glazed LED 40 watt Batten High quality design aluminium extruded with decorative end caps complete with Connection,testing commissioning as required complete in all respect as per entire satisfaction of the Engineer in charge. Make : Clair / Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max .	8	Nos	2904.00	Rupees Two Thousand Nine Hundred Four Only	Each	23232.00
9	Supplying and Fixing LED Street Light 25 Watt LED made up of pressure die cast aluminium housing with high power LED as lighting source and lens embedded PC Cover having TOP OPENING separate driver compartment with IP 66 protection and impact resistance of IK 07 luminair complete with connection testing commissioning etc as required complete in all respect. Make: Bajaj/Siska/Jaquar/Philips	1	Nos	2582.00	Rupees Two Thousand Five Hundred EightyTwo Only	Each	2582.00
10	Supplying and erection of street light bracket made of G.I. pipe 'A' class of suitable length and dia, the pipe bended to give an angle of 100 to 110 degree fitted with bolt & nuts at the top of existing pole or wall including painting the pipe with two coats of approved paint over priming coat complete in all respects as required complete in all respect	1	Nos	567.00	Rupees Five Hundred SixtySeven Only	Each	567.00
11	32 mm dia. G.I. pipe, heavy class 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. Make: ANCHOR , CONA , ESS ESS KAY .	3	Nos	255.00	Rupees Two Hundred FiftyFive Only	Each	765.00
12	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 as per entire satisfaction of Engineer- in-Charge. Make : AKG/ BEC / NIC/ Diplast. 25 mm. dia	60	Metre	127.00	Rupees One Hundred TwentySeven Only	Per Metre	7620.00
13	Providing and fixing following rating double pole switch disconnector fuse unit cubical type, 415/500 volts, with 2 No. HBC/HRC fuses, in sheet steel enclosure including drilling holes on the board, connections, earthing the body etc. as required complete in all respect. i) 63 Amps. Make : L&T / Schneider / ABB / Legrand.	1	No.	6348.00	Rupees Six Thousand Three Hundred FortyEight Only	Each	6348.00
14	Supplying and fixing sheet metal bus-bar chamber suitable for 63 Amp. 415 volts capacity with 4 No. copper strip bus-bars each of length 300mm & cross-sectional area (16mmx3.17mm), enclosure made from 1.6 mm thick M.S. sheet having overall dimensions (380mmx350mmx150mm) nominal with all accessories including connections, earthing the body etc. as required complete in all respect. Make : L&T / LEGRAND / ABB / SIEMENS.	1	No.	3307.00	Rupees Three Thousand Three Hundred Seven Only	Each	3307.00
15	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. Make : L&T / Legrand / Siemens. Single pole. Cat-A.	30	Nos.	281.00	Rupees Two Hundred EightyOne Only	Each	8430.00

16	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. Make : L&T / Legrand / Siemens..	3	Nos.	1320.00	Rupees One Thousand Three Hundred Twenty Only	Each	3960.00
	Double pole Cat-A						
17	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, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required complete in all respect. Make : L&T / Legrand / SIEMENS.	3	Nos.	2693.00	Rupees Two Thousand Six Hundred NinetyThree Only	Each	8079.00
	Double Door 12 Way						
18	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 respect. MAKE:- FINOLEX / PLAZA / RR / UNITECH / BENTON / KEI. / Havells.	120	Metre	210.00	Rupees Two Hundred Ten Only	Per Metre	25200.00
i)	2x1.5 Sq. mm.						
ii)	2x2.5 Sq. mm.	80	Metre	199.00	Rupees One Hundred NinetyNine Only	Per Metre	15920.00
iii)	2x4.0 Sq. mm.	150	Metre	324.00	Rupees Three Hundred TwentyFour Only	Per Metre	48600.00
iv)	2x10.0 Sq. mm.	25	Metre	580.00	Rupees Five Hundred Eighty Only	Per Metre	14500.00
19	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 PVC 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 respects per entire satisfaction of the Engineer in charge. Cable MAKE:- FINOLEX / PLAZA / RR / UNITECH / BENTON / KEI. / Havells.	80	Metre	551.00	Rupees Five Hundred FiftyOne Only	Per Metre	44080.00
20	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 respect. CableMAKE:- FINOLEX / PLAZA / RR / UNITECH / BENTON / KEI. / Havells.	40	Metre	98.00	Rupees NinetyEight Only	Per Metre	3920.00
	3x1.5 Sq. mm.						

21	Wiring for circuit / sub-main with 4x16 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.16 Sq.mm. (4x16+2x16) HRFRLS/PVC insulated single core copper conductor cable for earthing as required complete in all respect. MAKE:- FINOLEX / PLAZA / RR / UNITECH / BENTON / KEL / Havells.	5	Metre	1523.00	Rupees One Thousand Five Hundred Twenty Three Only	Per Metre	7615.00
	Total:						374859.00
	Dismantal Credit:						-1500.00
	Total:						373359.00

*Draft schedule of quantity checked and approved
for RS. 373359/only.*

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

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Job- 10					Estimated Cost:- Rs. 112739/-only.	
					Earnest Money :- Rs.2300/-only.	
					One Month	
Draft SCHEDULE OF QUANTITY						
Name of work:- C/O Veterinary Disp bldg at Kehehwal Distt Mandi (Sh:-Prov E.I there in)						
Sr. No.	Description	Qty.		In figure	Rate In words	Amount
		18	Nos	1294.00	Rupees One Thousand Two Hundred NinetyFour Only	23292
1	Wiring for light point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit, with 2-way, 5/8 amps piano type switch and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable.as per entire satisfaction of Engineer- in- Charge. Group C. .Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.					
2	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required.as per entire satisfaction of Engineer- in- Charge. .Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.	45	Metre	215.00	Rupees Two Hundred Fifteen Only	9675.00
	2x1.5 Sq. mm.					
	2x4 Sq mm	20	Metre	329.00	Rupees Three Hundred TwentyNine Only	6580.00
	2 X 6 Sqmm	2	Metre	454.00	Rupees Four Hundred FiftyFour Only	908.00
3	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.as per entire satisfaction of Engineer- in- Charge. Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.	25	Metre	556.00	Rupees Five Hundred FiftySix Only	13900.00
4	Supplying and fixing following rating Piano-type switch /socket on the existing switch box / cover including connections etc. as required.as per entire satisfaction of Engineer- in- Charge. Make:-ESS ESSKAY / COSMO/ ANCHOR					
	S.P. 5/6 Amps one way switch, piano type.	2	Nos	41.00	Rupees FortyOne Only	82.00
	S.P. 5/6 Amps Five Pin Socket, piano type.	2	Nos	60.00	Rupees Sixty Only	120.00
5	Supplying and fixing metal box of 150mmx75mmx60mm 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.as per entire satisfaction of Engineer- in- Charge. . Make:-ESS ESS KAY / COSMO/ ANCHOR	6	Nos	314.00	Rupees Three Hundred Fourteen Only	1884.00

6	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 pin 15/16 amps socket outlet and 15/16 amps, piano type switch, connections, painting etc. as required as per entire satisfaction of Engineer- in- Charge. Make:- Anchor / ESSESSKAY / Kinjal	5	Nos	489.00	Rupees Four Hundred EightyNine Only	Each	2445.00
7	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes by means of Expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, providing and fixing of Non-return valve, Dead weight safety valve, 2 No C.P. connection rods 18" long, making good the damages, electrical connections, safety valve connections, testing and commissioning etc. as required.as per entire satisfaction of Engineer-in- Charge. Make:- RACOLD / BAJAJ / USA.	1	Nos	12953.00	Rupees Twelve Thousand Nine Hundred FiftyThree Only	Each	12953.00
	25 Liter capacity water heater (Cat-A)						
8	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.as per entire satisfaction of Engineer- in- Charge. -Make : L&T / Legrand / Siemens.	8	Nos	284.00	Rupees Two Hundred EightyFour Only	Each	2272.00
	Single pole. Cat-A.						
9	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.as per entire satisfaction of Engineer- in- Charge. -Make : L&T / Legrand / Siemens.	1	Nos	1324.00	Rupees One Thousand Three Hundred TwentyFour Only	Each	1324.00
	Double Pole Cat-A.						
10	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.as per entire satisfaction of Engineer- in- Charge. : L&T / Legrand / Siemens.	1		2711.00	Rupees Two Thousand Seven Hundred Eleven Only	Each	2711.00
	Double door-12 way						
11	Earthing with G.I earth pipe 4.5 mtr. long and 40mm dia, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete a as required.as per entire satisfaction of Engineer- in- Charge.(Copper (Pure).)	1	Set	5237.00	Rupees Five Thousand Two Hundred ThirtySeven Only	Per Set	5237.00
12	Extra for using salt and charcoal for pipe earth electrode complete as required.as per entire satisfaction of Engineer- in- Charge.	1	Set	1493.00	Rupees One Thousand Four Hundred NinetyThree Only	Per Set	1493.00
13	Supplying and laying 8 SWG Copper wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required.as per entire satisfaction of Engineer- in- Charge.	15	Metre	217.00	Rupees Two Hundred Seventeen Only	Per Metre	3255.00

14	Providing, Installation, testing and commissioning of ceiling fan with regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin core flexible, FRLS PVC, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required as per entire satisfaction of Engineer- in- Charge. Make:-USHA /BAJAJ/ PANASONIC/HAVELLS	3	Nos	2590.00	Rupees Two Thousand Five Hundred Ninety Only	Each	7770.00
i)	Ceiling Fan 1200 mm sweep, Category-A						
15	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 as per entire satisfaction of Engineer- in- Charge. - Make:- USHA /BAJAJ/ PANASONIC/HAVELLS						
	Exhaust Fan, Light duty, (Domestic) 300 mm sweep. Make:- Havell's, Khaitan, Usha, Crompton.	3	Nos	2244.00	Rupees Two Thousand Two Hundred FortyFour Only	Each	6732.00
16	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required as per entire satisfaction of Engineer- in- Charge. Make:-ESSESSKAY / COSMO/ ANCHOR	1	Nos	281.00	Rupees Two Hundred EightyOne Only	Each	281.00
17	Supplying and fixing call bell / buzzer, suitable for D.C./A.C. single phase, 230 volts complete as required as per entire satisfaction of Engineer- in- Charge. Make:-ESSESSKAY / COSMO/ ANCHOR	1	Nos	187.00	Rupees One Hundred EightySeven Only	Each	187.00
18	Supplying and fixing bakelite batten/angle holder including connections etc. as required:- Make:-ESSESSKAY / COSMO/ ANCHOR	3	Nos	88.00	Rupees EightyEight Only	Each	264.00
19	Supplying and fixing indoor decorative 18 watt LED with integrated LED channel engineering plastic batten with white acrylic cover of BAJAJ make w.e.f. Jan 2019 as per cat no. BCLSB 18 WH complete with connection, testing, Commissioning etc. as required as per entire satisfaction of Engineer- in- Charge. Make:- WIPRO/ BAJAJ / PHILIPS/ JAQUAR/(TWINKLE) LUX MAX/	6	Nos	1103.00	Rupees One Thousand One Hundred Three Only	Each	6618.00
20	Providing and fixing LED 25watt street light made up of pressure die cast aluminium housing with acrylic cover as diffuser with IP 66 protection and impact resistance complete in all entire satisfaction of the engineer in charge complete in all respect. Make :- HAVELLS /JAQUARE WIPRO/ BAJAJ/ PHILIPS/JAQUAR/(TWINKLE) LUX MAX/	1	Nos	2756.00	Rupees Two Thousand Seven Hundred FiftySix Only	Each	2756.00
	TOTAL						112739.00

Draft schedule of Quantity checked and approved for Rs. 112739/only.

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

Job- 11					Estimated Cost:- Rs. 351720/-only.	
					Earnest Money :- Rs. 7050/-only.	
					Time :- Along with civil work.	
DRAFT SCHEDULE OF QUANTITY						
Name of work:- C/o Girls Hostel for Atal adarsh Vidyalaya Gudhari at Gohar tehsil Chachiot Distt. Mandi (SH):- Laying of conduit in 2nd & 3rd floor Floor therein)						
Sr. No.	Description	Qty.	In figure	Rate	Units	Amount
1.00	Supplying and fixing of following sizes of Steel 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 as per entire satisfaction of Engineer- in- Charge. Make : AKG/ BEC/ NIC/ Diplast.	1200	286.00	Rupees Two Hundred EightySix Only	Per Metre	343200.00
2.00	Supplying & fixing of MS fan box (18X10X10)cm with phenolic laminated sheet cover in front sheet cover in front of MS rond 16mm/12mm dia 60cm long including ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	40	213.00	Rupees Two Hundred Thirteen Only	Each	8520.00
TOTAL						351720.00

Draft schedule of quantity checked and approved for Rs. 351720/- only

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

Job- 12							Estimated Cost :- Rs. 239512/ Only
							Earnest Money :- Rs.4800 /- Only
							Time :- Two Month
DRAFT SCHEDULE OF QUANTITY							
Name of Work : Prov.Main and Sub Pannel in Combined office building at Thunag Distt Mandi [HP]							
S.No.	Description	Qty.	In Figure	Rate In Words	Unit	Amount	
1	Providing, laying and fixing of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured/XLPE power cable, working voltage 1100 volts grade on surface etc. of the required size:-Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	50	Nos	362.00	Rs Three Hundred and Sixty Two Only	Each	18100.00
2	Armoured cable 25 sq. mm (3.5 core) Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 415 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required:-	2	Nos	2448.00	Rs Four Thousand Four Hundred and Forty Eight Only	Each	4896.00
3	Triple pole & Neutral.(Category-A) 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:-Make : L&T / Legrand / ABB / SIEMENS.	6	Nos	1320.00	Rs One Thousand Three Hundred and Twenty Only	Each	7920.00
4	Supplying and fixing following rating, four pole (three phase & neutral) 415 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make : L&T / Legrand / ABB / SIEMENS. 63 Amps	2	Metre	3622.00	Rs Three Thousand Six Hundred and Twenty Two Only	Per Metre	7244.00

5	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:- Cat-A Make : L&T / Legrand / ABB / SIEMENS. Double Door 12Way	2	Nos	2693.00	Rs Two Thousand Six Hundred and Ninety Three Only	Each	5386.00
6	Supply, Erection, Installation and Commissioning of UniEarth Maintenance free chemical earthing system consisting of environment friendly ground enhancing compound 'G.E.C.' 50 kg or as required at site having anticorrosive and hygroscopic properties to replace excavated soil. It should consist of "UniEarth" Copper bonded electrodes, as per site conditions and soil resistivity at various depth levels and different terrains. The electrodes should have coating of 250 microns of molecularly bonded pure electrolytic copper (99.9%) in 2 metre length, 17.2 mm diameter, Terminal joint 200x25x6mm GI Strip with exothermic welds. The electrode should be duly tested and certified by CPRI for 30 kA short time current test for 1 sec rms. with The earth pit cover 300 mm x 300mm will be heavy duty type made of FRP with a openable lid for periodic inspection of the earth pit.	2	Nos	24943.00	Rs Twenty Four Thousand Nine Hundred and Forty Three Only	Each	49886.00
7	Supplying and laying 8 SWG Copper wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required.	40	Metre	167.00	Rs One Hundred and Sixty Seven Only	Per Metre	6680.00

8	Supplying and erection of following depth sheet metal cubical pedestal of suitable dimensions with plus-minus 5 cm variation made from (50 mm x 50 mm x 6 mm thick) M.S. angle iron frame, covered with 1.6 mm thick M.S. sheet duly welded on five sides & front side hinged, complete with locking arrangement with sufficient No. vertical and horizontal intermediate switchgear supporting members each of M.S. flat 50mmx6mm thick of suitable length duly welded. The cubical pedestal shall have cable entry box at one or two sides and 4 No. legs of 50mmx50mmx6mm thick M.S. angle iron each 60 cm long including, powder coated painting and bonding to the existing earth etc.,. The cubical pedestal shall be 15 cm from the top of cement concrete plat-form:-300 MM Deep Including MCCB 100 Amps Four Pole=1 No, MCCB 63 Amps 4 Pole 2 Nos, Copper Bus bar , Digital Meter Set, Surge protection Device etc	2	Nos	69700.00	Rs Sixty Nine Thousand Seven Hundred Only	Each	139400.00
							239512.00

*Draft Schedule of Quantity checked and approved
for R.S. 239512/only.*

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

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13		Draft Schedule of Quantity		Estimated Cost:- Rs. 184944/- only.			
				Earnest Money:- Rs. 3700/- only.			
				Time :- Two Months			
NAME OF WORK: R/M of E.I accessories of various non-residential buildings at SLEBGM&H Ner Chowk Dist Mandi [HP] (Shi- Replacement & maintenance of damaged E.I. Safety accessories in Electrical control panels)							
S.N.	Description	Qty.	Rate in figure.	Rate in words Rupees	Unit	Amount	
1	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:-						
1.01	four pole.(Category-A)(Make :- Hager)	6	each	3948	Rupees Three thousand nine hundred fourty eight only	each	23688
1.02	double pole (Make :- Hager)	10	each	2014	Rupees two thousand fourteen only	each	20140
2	Supplying and fixing MZ216, overvoltage realease, 230V AC, U>275VAC, 3 phase in 1 module suitable for 3ph+N (Make :- Hager)	6	each	8144	Rupees eight thousand one hundred fourty four only	each	48864
3	Supplying and fixing overvoltage release 230V AC, 1 module, Uc>280, 1 module. (Make :- Hager)	10	each	5167	Rupees five thousand one hundred sixty seven only	each	51670
4	Supplying and fixing of follo-ving 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:-						
4.01	4 way double door (Make :- Hager)	10	each	2425	Rupees two thiusand four hundred twenty five only	each	24250
4.02	6 way double door (Make :- Hager)	6	each	2722	Ruppes two thousand seven hundred twenty two only	each	16332
	Total						184944

Draft schedule of quantity checked and approved for Rs. 184944/- only.

Executive Engineer
Electrical Division Mandi
HPPWD Mandi HP

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14		DNIT		Estimated Cost:- Rs. 144269/-only.		
				Earnest Money:- Rs. 2890/-only.		
				Time :- Two Months		
NAME OF WORK: R/M of E.I accessories of various non-residential buildings at SLBSGMC&H Ner Chowk Distt Mandi [HP] (Sh:- Replacement & maintenance of damaged/worn out E.I. accessories in boys hostel GF of block A,B,C& RDH/Hospital 3rd floor)						
S N	Description	Qty.	Rate in figure	Rate in words Rupees	Unit	Amount
1	Supplying and fixing following rating Modular switch /socket in the existing switch box / cover plate including connections but excluding modular plate etc. as required.					
1.01	5/6 amps. Modular switch	85	each	103	Rupees one hundred three only	each 8755
1.02	3 pin 5/6 amp socket outlet	85	each	122	Rupees one hundred twenty two only	each 10370
1.03	15/16A switch	45	each	156	Rupees one hundred fifty six only	each 7020
1.04	6 pin 15/16A socket outlet	35	each	197	Rupees one hundred nenty seven only	each 6895
2	Supplying & fixing of following modular base and cover plate on existing modular metal boxes etc as required:-					
2.01	1 or 2 Module	15	each	133	Rupees one hundred thirty three only	each 1995
2.02	4 Module	7	each	158	Rupees one hundred fifty eight only	each 1106
2.03	6 Module	20	each	182	Rupees one hundred eighty two only	each 3640
2.04	8 module	17	each	211	Rupees two hundred eleven only	each 3587
2.05	12 module	7	each	272	Rupees two hundred seventy two only	each 1904
3	Supplying and fixing brass batten/angle holder including connection etc as required.	40	each	131	Rupees one hundred thirty one only	each 5240
4	Supplying and erection of 5A amps. to 32A amps. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required:-					
4.01	Single pole	10	each	150	Rupees one hundred fifty only	each 1500

5	Supplying and fixing following rating, double pole, 240V, isolator in the existing MCB DB complete with connections, testing and commissioning etc as required.								
5.01	63A	3	each	527	Rupees five hundred twenty seven only	each	1581		
6	Supplying and fixing following rating, double pole, (single phase and neutral) 240 V, residual current circuit breaker (RCCB) having a sensitivity current 30mA in the existing MCB DB complete with connections etc as requirement.								
6.01	40A	2	each	2642	Rupees two thousand six hundred forty two only	each	5284		
7	supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240V, on surface /recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, p/ower painted including earthing etc as required (but excluding MCB/RCCB/Isolator)								
7.01	6 way double door	2	each	2206	Rupees two thousand two hundred six only	each	4412		
8	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required.								
8.01	1 x 1.5 sq mm	200	mtr	45	Rupees forty five only	mtr	9000		
8.02	2 x 2.5 sq mm	50	mtr	98	Rupees ninety eight only	mtr	4900		
8.03	2 x 4 sq mm	150	mtr	147	Rupees one hundred forty seven only	mtr	22050		
8.04	2 x 6 sq mm	15	mtr	216	Rupees two hundred sixteen only	mtr	3240		
9	Supplying and fixing LED Lamp 9 watt Havells make of base cap B- 22 having Cat No LHLDEUEEML8R009 6500 k in the existing Batten holder, Pendant holder, wall bracket as required complete in all respect. Make Havell's, Philips, Crompton etc.	10	each	208	Rupees two hundred eight only	each	2080		

10	Providing and fixing of LED Tube Rod retrofit PL-L 4Pin with direct plug of 18 Watt ,having Cat No. 18w/865 6500K of Make Philips in the existing tube fixture as required complete in all respects. Make Philips, Havell's, Crompton Greaves etc. as approved by Engineer-in-charge.	20	each	633	Rupees six hundred thirty three only	each	12660
10.01	LED Tube 18 W Rod						
11	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:-						
11.01	25mm	20	mtr	145	Rupees one hundred forty five only	mtr	2900
12	Providing, Installation, testing and commissioning of ceiling fan with regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required:-						
12.01	1200 mm	10	each	2415	Rupees two thousand four hundred fifteen only	each	24150
	Total						144269

Draft schedule of quantity checked and approved for RS. 144269 only.

Executive Engineer
Electrical Division Mandi
HPPWD Mandi HP

				Estimated Cost:- Rs. 3,36,289/-only.
				Earnest Money:- Rs.6750 /-only.
				Time :- Two year

Draft schudule of Quantity

Name of Work:- Annual Repair and Maintenance of 8 Passenger lift in Regional Research Institute At Jaral at Pondoh distt Mandi (HP).
(SH:- For the period of 2 years)

S. No.	Description	Qty	RATE	RATE in words	Unit	AMOUNT
1.00	Annual comprehensive Maintenance of Passenger lift make Kone of following type and capacity with routine services at regular interval of one month regular systematic examination adjustment , lubrication of machines motor control parts including replacement of burntout parts , gears, bearings , break shoe rotating element, contact coils resistance for operating motor and other mechanical as well as electrical parts etc as required to maintain the elevatory of lift in proper and safe oprating condition including emergency break down all attending services and sudden damages of mechanical parts etc. As per best satisfaction of the Engineer-in-Charge, car doors, landing pane, bulbs cabin fan, electrical wiring and panel, dry cell and batteris, handrail, mirror, as per norm of KONE elevator not included in this scope of estimate. Machine No. 43175323	1	336289.00	Rupees Three Lacs thirty six thousand two hundred eighty nine only	Each	336289.00
	TOTAL					336289.00

Draft Schedule of Quantity checked and approved for RS. 336289/- only.

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

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