

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

NOTICE INVITING TENDER

Sealed Percentage rate tender on Form No. 688 are invited by the Executive Engineer, Electrical Division, HPPWD, Mandi (H.P.) for the following works (Sr No. 1 to 9) from approved and eligible contractors enlisted in appropriate class in HPPWD (Electrical) department having valid Electrical license, and for work at Sr No. 10 from OEM (PSA Plant / Medical Gas pipe line) / authorized agency of OEM having similar work experience, so as to reach in his office on or before 29.11.2024 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 29.11.2024 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-PVVD, 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 90 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 PHC Building at Sainj, Tehsil Chachiot, District Mandi H.P (SH: Providing E.I therein) Estimated Cost: Rs. 456071/-only, Earnest money: Rs. 9100/- only, Time allowed: - Along with civil work

Work No. 2:- C/o Shri Laxmi Narayan Temple at Raila, Tehsil Sainj, District Kullu H.P (SH: Providing E.I therein) Estimated Cost: Rs. 493693/-only, Earnest money: Rs. 9900/- only, Time allowed: - Along with civil work

Work No. 3:- Replacement of Switch Gear and protection system in the office of Assistant Engineer HPPWD Sub Division, Kullu District Kullu H.P Estimated Cost: Rs. 291146/-only, Earnest money: Rs. 5825/- only, Time allowed: - Along with civil work

Work No. 4:- Replacement of Switch Gear and protection system in the office of S.P Kullu District Kullu H.P Estimated Cost: Rs. 231795/-only, Earnest money: Rs. 4650/- only, Time allowed: - Along with civil work

Work No. 5:- C/o Animal Operation Theater at Manali, Kullu District Kullu H.P (SH: Providing E.I therein) Estimated Cost: Rs. 150343/-only, Earnest money: Rs. 3000/- only, Time allowed: - Along with civil work

Work No. 6:- C/o Pre- fabricated administrative Block at Gandhi Nagar, Kullu District Kullu H.P with LGSF Technology (SH: Providing E.I therein) Estimated Cost: Rs. 499180/-only, Earnest money: Rs. 10000/- only, Time allowed: - Along with civil work

Work No. 7:- Providing Additional Computer points, Heating Points and Bell points in Panchayat Bhawan Dharmpur District Mandi H.P Estimated Cost: Rs. 153491/-only, Earnest money: Rs. 3075/- only, Time allowed: - Along with civil work

Work No. 8:- Rewiring of Conference hall in combined office building at Sarkaghat District Mandi H.P Estimated Cost: Rs. 195394/-only, Earnest money: Rs. 3925/- only, Time allowed: - Along with civil work

Work No. 9:- Replacement of existing damaged armored Cable 95 Sq mm SOP Main panel to Block A, B & C Intern Hostel for Girls at the campus of SLBSGMC & Hospital, Nerchowk District Mandi H.P Estimated Cost: Rs. 449452/-only, Earnest money: Rs. 9000/- only, Time allowed: - Two Months

Work No. 10:- Repair of PSA Compressor installed at Zonal Hospital Mandi District -Mandi HP Estimated Cost: Rs. 327203/-only, Earnest money: Rs. 6550/- only, Time allowed: - One Month

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.)

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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---

4178-93

Dated: 16-11-24

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 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:-					Estimated Cost:- Rs.456071 /-only.	
					Earnest Money :- Rs.9100/-only.	
					Time :- Along with Civil work	
Draft SCHEDULE OF QUANTITY						
Name of work:- C/o PHC Building at Sainj Tehsil Chachiot, District Mandi HP SH:-Providing E.I. therein.						
Sr. No.	Description	Qty	In figure	In words	Units	Amount
1	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 surface/recessed PVC conduit with switch, plates, suitable Metal box and earthing the light point with 1.5 Sq.mm. HFR/LS/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:-Havells, Finolex, RR Kable, KEI, Grandley, Plazagrandley	20	1052.00	Rupees One Thousand FiftyTwo Only	Each	21040.00
i)	Group A.					
ii)	Group B.	25	1173.00	Rupees One Thousand One Hundred SeventyThree Only	Each	29325.00
ii)	Group C.	27	1294.00	Rupees One Thousand Two Hundred NinetyFour Only	Each	34938.00
2	Supplying and fixing Metal box of (180mmx100mmx80mm) size with plate and cover in recess including providing and fixing 5 pin 5/6 amps socket outlet and 5/6 amps, switch, connections etc. as required complete in all respect. as per entire satisfaction of engineer in charge. MAKE:- Havells (REO) (Athena), Goldmedal (AIR)(GIFa),Anchor(Penta),Legrand (arteor),L&T(Entice)	17	320.00	Rupees Three Hundred Twenty Only	Each	5440.00
3	Supplying and fixing Metal box of (180mmx100mmx80mm) size with plate and cover in recess including providing and fixing 5 pin 15/16 amps socket outlet and 1 5/6 amps, switch, connections etc. as required complete in all respect. as per entire satisfaction of engineer in charge. MAKE :- Havells (REO) (Athena), Goldmedal (AIR) (GIFa), Anchor (Penta), Legrand (arteor), L&T (Entice)	21	490.00	Rupees Four Hundred Ninety Only	Each	10290.00
4	Supplying and fixing Metal of 250mmx100mm size with modular base plate cover in recess including providing and fixing 3Nos. 5 pin 5/6 Amps socket outlet, 3 Nos. 5/6 Amps switch connections etc. as r required complete in all respect. as per entire satisfaction of engineer in charge. MAKE :-Havells (REO) (Athena), Goldmedal (AIR) (GIFa), Anchor (Penta), Legrand (arteor), L&T(Entice)	2	555.00	Rupees Five Hundred FiftyFive Only	Each	1110.00
5	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.HFR/LS/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:-Havells, Finolex, RR Kable, KEI, Grandley, Plazagrandley					0.00

i)	2x1.5 Sq. mm.	210	Metre	215.00	Rupees Two Hundred Fifteen Only	Per Metre	45150.00
ii)	2x4.0 Sq. mm.	280	Metre	329.00	Rupees Three Hundred TwentyNine Only	Per Metre	92120.00
iii)	2x10 Sq. mm.	15	Metre	603.00	Rupees Six Hundred Three Only	Per Metre	9045.00
6	Wiring for circuit / sub-main with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 2 No.4 Sq.mm. (4X4+2X4)HFR/LS/PVC insulated single core copper conductor cable for earthing as required complete in all respect as per entire satisfaction of Engineer- in- Charge. MAKE-Havells, Finolex, RR Kable, KEI, Grandley, Plazagrandley	15	Metre	555.00	Rupees Five Hundred FiftySix Only	Per Metre	8340.00
7	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 complete in all respect as per entire satisfaction of engineer in charge. i) 3x1.5 Sq. mm. MAKE-Havells, Finolex, RR Kable, KEI, Grandley, Plazagrandley	35	Metre	98.00	Rupees NinetyEight Only	Per Metre	3430.00
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 complete in all respect as per entire satisfaction of Engineer- in- Charge. i) Single pole. Cat-A. Make : L&T / Legrand / ABB/ SIEMENS.	35	Nos	284.00	Rupees Two Hundred EightyFour Only		9940.00
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 complete in all respect as per entire satisfaction of Engineer- in- Charge. i) Double pole Cat-A Make : L&T / Legrand / ABB/ SIEMENS.	3	Nos	1324.00	Rupees One Thousand Three Hundred TwentyFour Only	Each	3972.00
10	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with fitted 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-16 way Make : L&T / Legrand / ABB/ SIEMENS.	3	Nos	3478.00	Rupees Three Thousand Four Hundred SeventyEight Only	Each	10434.00
11	Prov. & fixing LED surface mounted 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 satisfaction of engineer in charge. Make Twinkle / Great White/Syska / Opulus / Bajaj / Great White / Phillips etc.	2	Nos	3900.00	Rupees Three Thousand Nine Hundred Only	Each	7800.00
12	Supplying & fixing wall bracket fitting single lamp with Opal glass with Nickel finishing wall Lam. holder cap E27 , complete with all accessories, connection, testing and commissioning etc.as per entire satisfaction of engineer in charge. Make :- Jaquar	4	Nos	2212.00	Rupees Two Thousand Two Hundred Twelve Only	Each	8848.00
13	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 satisfaction of engineer in charge. Make Twinkle / Great White/Syska / Opulus / Bajaj / Great White / Phillips etc.	27	Nos	547.00	Rupees Five Hundred FortySeven Only	Each	14769.00

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 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 : atomberg (Efficio), Havells (Efficia Neo), Orient (hector 500), Gold Medal(Maruti),Bajaj(official)	16	Nos	2655.00	Rupees Two Thousand Six Hundred FiftyFive Only	Each	42480.00
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 complete in all respect, as per entire satisfaction of engineer in charge. i) Exhaust Fan, Light duty, (Domestic) 300 mm sweep. MAKE :-atomberg Havells,Orient,Gold Medal,Bajaj	8	Nos	2244.00	Rupees Two Thousand Two Hundred FortyFour Only	Each	17952.00
16	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 :- SSK / MK / CONA	3	Nos	281.00	Rupees Two Hundred EightyOne Only	Each	843.00
17	Providing & fixing Surface LED downlight square 15 watt to enhance the daylight of occupants with comfortable experience through its classic design & glare free illumination of Bajaj make complete with Connection,testing commissioning as required complete in all respect as per entire satisfaction of the Engineer in charge. Make : bajaj,havells,Goldmedal,panasonic,Philips,Wipro,Chengti	10	Nos	810.00	Rupees Eight Hundred Ten Only	Each	8100.00
18	S/E of Street light bracket made of GI Pipe A Class of suitable length and dia the pipe bend to give an angle of 100 to 110 degree fitted with bolts and nuts at the top of existing pole or wall including painting the pipe with two coats of approved paints over priming coatrequired, complete in all respect as per entire satisfaction of engineer in charge i) 32 MM Dia GI pipe Make:- Anchor, AKG, RKG, Precision Pipes, Diplast	3	Nos	727.00	Rupees Seven Hundred TwentySeven Only	Each	2181.00
19	S/F LED Street Light 25 Watt LED Made up of pressure dia cast aluminium housing with high power LED and lighting source and lens embedded PC Cover having top opening separate driver compartment with IP 65 Protection and impact resistance of IK 07 luminaire complete with connection testing commissioning etc as required, complete in all respect, as per entire satisfaction of engineer in charge. Make:-bajaj,havells,Goldmedal,panasonic,Philips,Wipro,Chengti	3	Nos	2389.00	Rupees Two Thousand Three Hundred EightyNine Only	Each	7167.00
20	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:-havells,racold,bajaj,Goldmedal,jaguar						0.00
i)	25 Liter capacity water heater (Cat-A)	2	Nos	12953.00	Rupees Twelve Thousand Nine Hundred FiftyThree Only	Each	25906.00
ii)	3 Liter capacity water heater (Cat-A)	3	Nos	5273.00	Rupees Five Thousand Two Hundred SeventyThree Only	Each	15819.00

21	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required... complete in all respect. as per entire satisfaction of engineer in charge Copper (Pure).	2	Nos	8691.00	Rupees Eight Thousand Six Hundred NinetyOne Only	Each	17382.00
23	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required complete in all respect. as per entire satisfaction of engineer in charge.	50	Metre	45.00	Rupees FortyFive Only	Per Metre	2250.00
	Total						456071.00

Draft Schedule of quantity checked and approved for Rs. 4,56,071/- only.

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP)

Job-2						Estimated Cost:- Rs 493693 /-only.	
						Earnest Money :- Rs9900/-only	
						Time :- Along with civil work.	
Draft SCHEDULE OF QUANTITY							
Name of work:- C/O Siri Laxmi Naryan Temple at Raila Tehsil Sainj Distt. Kullu (HP) (SH.Providing E.L. Therein)							
Sr. No.	Description	Qty.		In figure	Rate		Amount
					In words	Units	
1	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 surface/recessed PVC conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq. mm. HFRLS/PVC insulated single core copper conductor cable as required complete in all respects as per entire satisfaction of the Engineer in charge. Group C: Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	72	Nos	1283.00	Rupees One Thousand Two Hundred Eighty Three Only	Each	92376.00
2	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. HFRLS/PVC insulated single core copper conductor cable of same size for earthing as required complete in all respects as per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	120	Metre	210.00	Rupees Two Hundred Ten Only	Per Metre	25200.00
ii	2x1.5 Sq. mm.	60	Metre	324.00	Rupees Three Hundred TwentyFour Only	Per Metre	19440.00
ii	2x4.0 Sq. mm.	60	Metre	588.00	Rupees Five Hundred EightyEight Only	Per Metre	35280.00
ii	2x10 sq mm	30	Metre	551.00	Rupees Five Hundred FiftyOne Only	Per Metre	16530.00
3	Wiring for circuit / sub-main with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 2 No. 4 Sq. mm. (4X4+2X4)-HFRLS/PVC insulated single core copper conductor cable for earthing as required complete in all respects as per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.						

4	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 complete in all respects per entire satisfaction of the Engineer in charge. i) 3x1.5 Sq. mm.Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	50	Metre	98.00	Rupees NinetyEight Only	Per Metre	4900.00
5	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).	12	Nos.	484.00	Rupees Four Hundred EightyFour Only	Each	5808.00
6	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).	4	Nos.	607.00	Rupees Six Hundred Seven Only	Each	2428.00
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 respects per entire satisfaction of the Engineer in charge. i) Single pole Cat-A. Make : L&T / Legrand / Siemens.	14	Nos.	281.00	Rupees Two Hundred EightyOne Only	Each	3934.00
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.- i) Double pole. Cat-A. Make : L&T / Legrand / Siemens.	2	Nos.	1320.00	Rupees One Thousand Three Hundred Twenty Only	Each	2640.00
9	Supplying and fixing following rating, double pole (single phase & neutral) 240 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 complete in all respects per entire satisfaction of the Engineer in charge. i) 63 Amps. Cat-A. Make : L&T / Legrand / Siemens.	2	Nos.	3931.00	Rupees Three Thousand Nine Hundred ThirtyOne Only	Each	7862.00
10	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with lined 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 respects per entire satisfaction of the Engineer in charge. Make : L&T / Legrand / Siemens.						
i	Double door-8 way	1	Nos.	2193.00	Rupees Two Thousand One Hundred NinetyThree Only	Each	2193.00

ii	Double door-12 way					
	1	Nos.	2693.00	Rupees Two Thousand Six Hundred NinetyThree Only	Each	2693.00
11	Earthing with copper earth plate 600 mmx600 mmx 3 mm thick, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required complete in all respects per entire satisfaction of the Engineer in charge.	1	16974.00	Rupees Sixteen Thousand Nine Hundred SeventyFour Only	Per set	16974.00
12	Extra for using salt and charcoal for G.I. or copper plate earth electrode complete as required complete in all respects per entire satisfaction of the Engineer in charge.	1	2169.00	Rupees Two Thousand One Hundred SixtyNine Only	Per set	2169.00
13	Providing and fixing 25mm x 5mm copper strip in 40 mm dia G.I. pipe from earth electrode etc. as required complete in all respects per entire satisfaction of the Engineer in charge	30	1294.00	Rupees One Thousand Two Hundred NinetyFour Only	Per Metre	38820.00
14	Supplying & fixing 36 Watt Surface mounted LED panel made from extruded aluminium housing(surface) 2ft x2ft 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, havelle, Goldmedal, panasonic, Philips, Wipro, Chengi	6	4595.00	Rupees Four Thousand Five Hundred NinetyFive Only	Each	27570.00
15	Supplying & fixing 45 Watt LED Street light in aluminium pressure die cast housing with toughened glass cover (1065 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:- bajaj, havelle, Goldmedal, panasonic, Philips, Wipro, Chengi	4	3606	Rupees Three Thousand Six Hundred Six Only	Each	14424.00
16	Providing, Installation, testing and commissioning of ceiling fan with modular 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 complete in all respects and to the best satisfaction of Engineer-in-charge. Make:-atomberg (Efficio), Havelle (Efficia Neo), Orient(hector 500), Gold Medal (Maruti), Bajaj (efficia)					
i	Ceiling Fan 1200 mm sweep, Category-A	4	2645.00	Rupees Two Thousand Six Hundred FortyFive Only	Each	10580
ii	Ceiling Fan 1400 mm sweep, Category-A	4	2831.00	Rupees Two Thousand Eight Hundred ThirtyOne Only	Each	11324
17	Supplying & fixing DOWN LIGHT 12W light with 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 :-Jaquar/Bajaj/Twinkle.	35	1075.00	Rupees One Thousand SeventyFive Only	Each	37625

18	Supplying & fixing LED TUBE 22W/Aluminium 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, Goldmedal, panasonic, Philips, Wipro, Chengi	2	Nos.	810	Rupees Eight Hundred Ten Only	Each	1620.00
19	Supplying & fixing 24 Watt Ultra slim LED panel made from extruded aluminium housing frame Surface/recess/pendant 1'1ft x1ft approx 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/Bajaj/Twinkle.	8	Nos.	2365.00	Rupees Two Thousand Three Hundred SixtyFive Only	Each	18920.00
20	Supplying and fixing of 8 LT frosted glass with Chrome finishing Chandelier with/chrome finish lamp fancy Pendant light (Chandelier) containing LED lamp holder(s) of E-14.4Wx8 complete with all accessories but excluding LED lamp including making connections, testing etc. as required. Make- Lustre, or any other approved by Engineer-in-Charge.	1	Nos.	19161	Rupees Nineteen Thousand One Hundred SixtyOne Only	Each	19161.00
21	Supplying & fixing outdoor led updown light with aluminium housing, glass diffuser, rubber gasket 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, Goldmedal, panasonic, Philips, Wipro, Chengi	8	Nos.	4343	Rupees Four Thousand Three Hundred FortyThree Only	Each	26058.00
i)	LED Up Down light 2x3W						
22	Supplying and fixing of 1 LT Aluminium globe shape with Gun Black finishing Pendant fancy Pendant light (Chandelier) containing LED lamp holder(s) of E-27 9Wx1 complete with all accessories but excluding LED lamp including making connections, testing etc. as required. Make- Lustre, or any other approved by Engineer-in Charge. Make:- bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Chengi	4	Nos.	11791	Rupees Eleven Thousand Seven Hundred NinetyOne Only	Each	47164.00
	Total						493693.00

Draft schedule of quantity checked and approved for Rs. 4,93,693/- only.

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP)

Job- 3					Estimated Cost:- Rs. 291146/-only.	
					Earnest Money :- Rs. 5825/-only.	
					Time :- Along with civil work.	
Draft SCHEDULE OF QUANTITY						
Name of work:- Replacement of switch gear and protection system Office of the Assistant Engineer HP PWD Sub Division Kullu (HP).						
Sr. No.	Description	Qty.		Rate		Amount
				In figure	In words	
1	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 5/8 amps socket outlet and 5/6 amps, piano type switch, connections, painting etc as required complete in all respects per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	7	Nos	314.00	Rupees Three Hundred Fourteen Only	2198.00
2	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 respects per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	7	Nos	489.00	Rupees Four Hundred EightyNine Only	3423.00
3	Wiring for circuit / sub-main with 4x10 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.10 Sq. mm. (4x10+2x10) HRFR LSPVC insulated single core copper conductor cable for earthing as required complete in all respects per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	30	Nos	1115.00	Rupees One Thousand One Hundred Fifteen Only	33450.00
4	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required complete in all respects per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.					
i	3x1.5 Sq. mm.	80	Metre	98.00	Rupees NinetyEight Only	7840.00
ii	3x4 Sq. mm.	80	Metre	220.00	Rupees Two Hundred Twenty Only	17600.00
iii	3x10 Sq. mm.	20	Metre	519.00	Rupees Five Hundred Nineteen Only	10380.00

5	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 respects per entire satisfaction of the Engineer in charge. i) Single pole Cat-A Make : L&T / Legrand / Siemens.	48	Nos	284.00	Rupees Two Hundred EightyFour Only	Each	13632.00
6	Supplying and erection of 40/50/83 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 respects per entire satisfaction of the Engineer in charge. i) Double pole, Cat-A. Make : L&T / Legrand / Siemens.	6	Nos	1324.00	Rupees One Thousand Three Hundred TwentyFour Only	Each	7944.00
7	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 respects per entire satisfaction of the Engineer in charge. i) 63 Amps. Cat-A. Make : L&T / Legrand / Siemens.	6	Nos	3935.00	Rupees Three Thousand Nine Hundred ThirtyFive Only	Each	23610.00
8	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 : Usha / Bajaj / Anchor Panasonic.	5	Nos	2244.00	Rupees Two Thousand Two Hundred FortyFour Only	Each	11220.00
i)	Exhaust Fan, Light duty, (Domestic) 300 mm sweep						
9	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase 230 volts complete as required complete in all respects per entire satisfaction of the Engineer in charge. Make: ANCHOR, CONA, ESS ESS KAY.	2	Nos	281.00	Rupees Two Hundred EightyOne Only	Each	562.00
10	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. i) 25 mm. dia Make : AKG/ BEC / NIC/ Diplast	50	Metre	130.00	Rupees One Hundred Thirty Only	Per Metre	6500.00
11	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 respects per entire satisfaction of the Engineer in charge. i) 200 Amp -25 KA Make : L&T / Legrand / Siemens.	2	Nos	23959.00	Rupees TwentyThree Thousand Nine Hundred FiftyNine Only	Each	47918.00
12	Supplying and fixing copper strip bus-bars, suitable for 200 Amp, 415 volts capacity 4 No. each of cross-sectional area (38mmx6mm) in the existing enclosure with all accessories including connections etc. as required complete in all respects per entire satisfaction of the Engineer in charge. Make : L&T / Legrand / Siemens.	2	Nos.	9132.00	Rupees Nine Thousand One Hundred ThirtyTwo Only	Each	18264.00
13	Providing and fixing SS Enclosure For MCCB suitable upto 250A including drilling holes in the cubicle panel, making connections, etc. as required complete in all respects per entire satisfaction of the Engineer in charge. Make : L&T / Legrand / Siemens.	2	Nos	2606.00	Rupees Two Thousand Six Hundred Six Only	Each	5212.00
14	Supplying & fixing 45 Watt 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 : Jaquar/Bajaj/Twinkle.	3	Nos	3847.00	Rupees Three Thousand Eight Hundred FortySeven Only	Each	11541.00

15	Supplying & fixing 10 Watt LED bulk head 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 :- Jaquar/Bajaj/Twinkle.	4	Nos	1459.00	Rupees One Thousand Four Hundred FiftyNine Only	Each	5836.00
16	Supplying & fixing DOWN LIGHT 12W light with 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 :- Jaquar/Bajaj/Twinkle.	4	Nos	1079.00	Rupees One Thousand SeventyNine Only	Each	4316.00
17	Supplying & fixing LED TUBE 22W Aluminium 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/Bajaj/Twinkle.	7	Nos	810.00	Rupees Eight Hundred Ten Only	Each	5670.00
18	Supplying & fixing 24 Watt Ultra slim LED panel made from extruded aluminium housing frame Surface/recess/pendant)1ft x1ft approx. 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/Bajaj/Twinkle.	16	Nos	2367.00	Rupees Two Thousand Three Hundred SixtySeven Only	Each	37872.00
19	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 respects and to the best satisfaction of Engineer-in-charge. i) Double door-12way, Make : L&T / Legrand / Siemens.	6	Nos	2693.00	Rupees Two Thousand Six Hundred NinetyThree Only	Each	16158.00
	Total						291146.00

Draft schedule of quantity checked and approved for Rs. 2,91,146/- only.

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP)

Job- 4					Estimated Cost - Rs 231795 /-only.
					Earnest Money - Rs.4650/-only.
					Time :- Along with civil work.
Draft SCHEDULE OF QUANTITY					
Name of work:- Replacement of Switchgear and protection system of S.P office Kullu District Kullu (HP)					
Sr. No.	Description	Qty.	Rate		Amount
			In figure	In words	Units
1	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 respects as per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.				
i)	3x1.5 Sq. mm.	40 Metre	111.00	Rupees One Hundred Eleven Only	Per Metre 4440.00
ii)	3x4.0 Sq. mm.	30 Metre	249.00	Rupees Two Hundred FortyNine Only	Per Metre 7470.00
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 medium class PVC conduit as required complete in all respects as per entire satisfaction of the Engineer in charge.Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.				
i)	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	30 Metre	664.00	Rupees Six Hundred SixtyFour Only	Per Metre 19920.00
3	S/E of MCCB 4 Pole 415 Volt with Thermal Magnetic Release for overload and short circuit protection breaking Capacity (Ics=100% Icu with positive isolation) with/ without Spreader/ Rotary Handle, etc. as required complete in all respects as per entire satisfaction of the Engineer in charge.Make : L & T / Legrand / Siemens				
i)	MCCB 200 Amp. 36 ka 4 Pole Release without rotary handle	1 Nos.	42249	Rupees FortyTwo Thousand Two Hundred FortyNine Only	Each 42249.00
iii)	MCCB 125 Amp. 36 ka 4 Pole Release without rotary handle	2 Nos.	21422	Rupees TwentyOne Thousand Four Hundred Twenty Two Only	Each 42844.00
4	Supplying and fixing TP&N copper bus-bar chamber suitable for 415 volts capacity with 4 No. copper strip bus-bars each of length and x-section suitable for following current carrying capacities, enclosure made of sheet steel having thickness of 1.6mm, dust protected, duly powder painted with detachable gland plate and other accessories including drilling holes on the board, making connections, earthing etc. as required complete in all respects as per entire satisfaction of the Engineer in charge Make : L & T / Schneider / ABB / Legrand.				
i)	100 A Copper Busbar Chambers 15" (SS Enclosure)	2 Nos.	9178	Rupees Nine Thousand One Hundred SeventyEight Only	Each 18356.00

200 A Copper Busbar Chambers 24" (SS Enclosure)		1	Nos.	11575	Rupees Eleven Thousand Five Hundred SeventyFive Only	Each	11575.00
ii)	Providing & Laying (SOP) of one number aluminium conductor, PVC insulated and PVC sheathed armoured XLPE power cable, 1.1 KV grade of following sizes on wall surface as required complete in all respects per entire satisfaction of the Engineer in charge Cable Make : -Universal Cables, KEI, Havells, Grandley						
5		45	Metre	467.00	Rupees Four Hundred SixtySeven Only	Per Metre	21015.00
i)	Armoured cable 25 sq. mm (3.5 core)	20	Metre	841.00	Rupees Eight Hundred FortyOne Only	Per Metre	16820.00
ii)	Armoured cable 50 sq. mm (3.5 core)	60	Nos.	315.00	Rupees Three Hundred Fifteen Only	Each	18900.00
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 per entire satisfaction of the Engineer in charge i) Single pole Cat-A. Make : L&T / Legrand / Siemens.						
7	Supplying and fixing following rating, followings poles 10kA 240/415y "C" curves 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 per entire satisfaction of the Engineer in charge. i) Double pole 63 Amp Cat-A Make : L&T / Legrand / Siemens.	6	Nos.	1549.00	Rupees One Thousand Five Hundred FortyNine Only	Each	9294.00
8	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board 240 volts, on surface / recess, complete with tinned copper bus-bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required complete in all respects per entire satisfaction of the Engineer in charge. i) Double door-12 way Make:- L&T / Legrand / Siemens.	6	Nos.	3152.00	Rupees Three Thousand One Hundred FiftyTwo Only	Each	18912.00
Total							231795.00

Draft schedule of quantity checked and approved for Rs. 2,31,795/- only.

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP)

Job- 5						Estimated Cost - Rs.150343 /-only.	
						Earnest Money :- Rs.3000/-only.	
						Time :- Along with civil work.	
Draft SCHEDULE OF QUANTITY							
Name of work:- Construction of Animal Operation Theater at Manali District Kullu. (HP)							
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 (HRRF) 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 respects per entire satisfaction of the Engineer in charge. i) Group c Makes: plaza, goldmedal, kel	21	Nos	Rupees One Thousand Three Hundred Eighteen Only	Each	27678.00	
2	Wiring for twin control light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit, with 2-way 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 respects per entire satisfaction of the Engineer in charge. i) Group c Makes:- plaza, goldmedal, kel	4	Nos	Rupees One Thousand Four Hundred SeventyOne Only	Each	5884.00	
3	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 complete in all respects per entire satisfaction of the Engineer in charge. Makes:Anchor L&T,Goldmedal	13	Nos	494.00	Rupees Four Hundred NinetyFour Only	Each	6422.00
4	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 complete in all respects per entire satisfaction of the Engineer in charge. Makes:Anchor L&T,Goldmedal	6	Nos	616.00	Rupees Six Hundred Sixteen Only	Each	3696.00
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 complete in all respects per entire satisfaction of the Engineer in charge. i) Exhaust Fan, Light duty, (Domestic) 300 mm sweep Make : Usha / Goldmedal / Anchor Panasonic.	2	Nos	2244.00	Rupees Two Thousand Two Hundred FortyFour Only	Each	4488.00

6	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus-bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required - Make : Usha / Goldmedal / Anchor Panasonic	1	Nos	3478.00	Rupees Three Thousand Four Hundred SeventyEight Only	Each	3478.00
i)	Double door-16way						
7	Providing, Installation, testing and commissioning of ceiling fan with modular 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 complete in all respects per entire satisfaction of the Engineer in charge. i) Ceiling Fan 1200 mm sweep	2	Nos	2655.00	Rupees Two Thousand Six Hundred FiftyFive Only	Each	5310.00
8	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 respects per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	35	Metre	215.00	Rupees Two Hundred Fifteen Only	Per Metre	7525.00
i)	2x1.5 Sq. mm.						
ii)	2x4.0 Sq. mm.	40	Metre	329.00	Rupees Three Hundred TwentyNine Only	Per Metre	13160.00
iii)	2x10 Sq. mm.	1	Metre	603.00	Rupees Six Hundred Three Only	Per Metre	603.00
9	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 respects per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.						
i)	3x1.5 Sq. mm.	15	Metre	98.00	Rupees NinetyEight Only	Per Metre	1470.00
ii)	3x4 Sq. mm.	20	Metre	220.00	Rupees Two Hundred Twenty Only	Per Metre	4400.00
10	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 respects per entire satisfaction of the Engineer in charge. Make : L&T / Legrand / Siemens.	12	Nos	284.00	Rupees Two Hundred EightyFour Only	Each	3408.00

Sl. No.	Description of Work	Qty	Unit	Rate	Amount	Remarks	Total
11	Single pole. (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 complete in all respects per entire satisfaction of the Engineer in charge. Make : L&T / Legrand / Siemens.	1	Nos	1324.00		Rupees One Thousand Three Hundred TwentyFour Only	1324.00
12	Double pole. Cat-A. 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 respects per entire satisfaction of the Engineer in charge. Make : L&T / Legrand / Siemens.	1	Nos	3935.00		Rupees Three Thousand Nine Hundred ThirtyFive Only	3935.00
13	63 Amps. Cat-A. 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 respects per entire satisfaction of the Engineer in charge.	1	Set	5197.00		Rupees Five Thousand One Hundred NinetySeven Only	5197.00
14	Extra for using salt and charcoal for G.I. or copper plate earth electrode complete as required complete in all respects per entire satisfaction of the Engineer in charge.	1	Set	1687.00		Rupees One Thousand Six Hundred EightySeven Only	1687.00
15	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 respects per entire satisfaction of the Engineer in charge.	14	Metre	47.00		Rupees FortySeven Only	658.00
16	Supplying & fixing LED TUBE 22 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. Makes:-Jaquar GLAZE ultra PC LED BATTEN (Cat no LGLZPCX022XC)/C&S/Crompton/bajaj or Equivalent make.	5	Nos	631.00		Rupees Six Hundred ThirtyOne Only	3155.00
17	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:- i) 15 Liter capacity water heater (Cat-A) Make:- havells, racold, bajaj, Goldmedal, Jaquar	1	Nos	10917.00		Rupees Ten Thousand Nine Hundred Seventeen Only	10917.00
18	Supplying & fixing 10 Watt LED bulk head 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. Makes:-Jaquar(LED Bulk Head) (Cat No.LBLK01x010XC)/C&S/Crompton/bajaj or Equivalent.	7	Nos	1474.00		Rupees One Thousand Four Hundred SeventyFour Only	10318.00

19	Supplying & fixing 25 Watt 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. i) Makes:-Jaquar (LED Street light) (Cat No.LPCRSRT25WLC)/C&S/Crompton/bajaj or Equivalent.	1	Nos	2758.00	Rupees Two Thousand Seven Hundred FiftyEight Only	Each	2758.00
20	Supplying & fixing 36 Watt Surface mounted LED panel made from extruded aluminium housing(surface)2ft x2ft complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge Makes:- goldmedal SKY-GLOW 2X2 - 36W LED Panel Light - Square (Cat No.GL91824NW)/C&S/Crompton/bajaj or Equivalent.	6	Nos	3812.00	Rupees Three Thousand Eight Hundred Twelve Only	Each	22872.00
	Total						150343.00

Draft schedule of quantity checked and approved for Rs. 150,343/- only

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

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Job- 6				Estimated Cost:- Rs.499180 /-only	
				Earnest Money :- Rs. 10000/-only	
				Time :- Along with civil work	
Draft SCHEDULE OF QUANTITY					
Name of work:- Construction of Pre-Fabricated Administrative Block at Gandhi Nagar Kullu District Kullu (HP) with LGSF Technology.(SH. Providing E.I There in)					
Sr. No.	Description	Qty.	Rate		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 (HRRF) 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. HRRFSL/PVC insulated single core copper conductor cable as required complete in all respects as per entire satisfaction of the Engineer in charge. i) Group C. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	75 Nos.	1318.00	Rupees One Thousand Three Hundred Eighteen Only	98850.00
2	Wiring for twin control light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit, with 2-way modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRRFSL/PVC insulated single core copper conductor cable as required complete in all respects as per entire satisfaction of the Engineer in charge. i) Group C. Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	2 Nos.	1471.00	Rupees One Thousand Four Hundred SeventyOne Only	2942.00
3	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in surface/recessed Steel conduit along with 1 No. HRRFSL/PVC insulated single core copper conductor cable of same size for earthing as required complete in all respects as per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.				
i)	2x1.5 Sq. mm.	170 Metre	215.00	Rupees Two Hundred Fifteen Only	36550.00
ii)	2x4.0 Sq. mm.	152 Metre	329.00	Rupees Three Hundred TwentyNine Only	50008.00
iii)	2x10 Sq. mm.	55 Metre	603.00	Rupees Six Hundred Three Only	33165.00

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).	10	Nos.	494.00	Rupees Four Hundred NinetyFour Only	Each	4940.00
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).	12	Nos.	616.00	Rupees Six Hundred Sixteen Only	Each	7392.00
6	Supplying and fixing G.I. modular Box of suitable 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 as per entire satisfaction of the Engineer in charge (Computer Point) Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class).	7	Nos.	1069.00	Rupees One Thousand SixtyNine Only	Each	7483.00
7	Wiring for circuit / sub-main with 4x10 Sq. mm. PVC insulated heat resistant flame retardant (HFRF) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No.10 Sq mm. (4x10+2x10) HFRFSL/PVC insulated single core copper conductor cable for earthing as required complete in all respect as per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	10	Metre	1115.00	Rupees One Thousand One Hundred Fifteen Only	Per Metre	11150.00
8	Wiring for circuit / sub-main with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HFRF) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No.4 Sq.mm. (4X4+2X4)HFRFSL/PVC insulated single core copper conductor cable for earthing as required complete in all respect as per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	65	Metre	556.00	Rupees Five Hundred FiftySix Only	Per Metre	36140.00
9	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HFRF) 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 the Engineer in charge. i) 3x1.5 Sq. mm Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	57	Metre	98.00	Rupees NinetyEight Only	Per Metre	5586.00

10	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 respects per entire satisfaction of the Engineer in charge i) Single pole Cat-A, Make : L&T / Legrand / Siemens.	25	Nos.	284.00	Rupees Two Hundred EightyFour Only	Each	7100.00
11	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 respects per entire satisfaction of the Engineer in charge Make : L&T / Legrand / Siemens.	4		1324.00	Rupees One Thousand Three Hundred TwentyFour Only	Each	5296.00
12	Supplying and fixing following rating, double pole (single phase & neutral) 240 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 complete in all respects per entire satisfaction of the Engineer in charge i) 63 Amps.(Category-A) Make : L&T / Legrand / Siemens.	4		3835.00	Rupees Three Thousand Nine Hundred ThirtyFive Only	Each	15740.00
13	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 respects per entire satisfaction of the Engineer in charge	1	Set	5237.00	Rupees Five Thousand Two Hundred ThirtySeven Only	Per Set	5237.00
14	Extra for using salt and charcoal for pipe earth electrode complete as required complete in all respects per entire satisfaction of the Engineer in charge	1	Set	1493.00	Rupees One Thousand Four Hundred NinetyThree Only	Per Set	1493.00
15	Supplying and laying 6 SWG Copper wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc.as required complete in all respects per entire satisfaction of the Engineer in charge	30	Metre	167.00	Rupees One Hundred SixtySeven Only	Per Metre	5010.00
16	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 : Usha / Bajaj / Anchor Panasonic.	5	Nos.	2244.00	Rupees Two Thousand Two Hundred FortyFour Only	Each	11220.00
17	Providing, Installation, testing and commissioning of ceiling fan with regulator, including wiring the down rods of standard length (up to 30 cm) with 15/0.20 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 complete in all respects per entire satisfaction of the Engineer in charge i) Ceiling Fan 1200 mm sweep Make:- atomberg (Efficio), Havells (Efficio Neo), Orient (hector 500), Gold Medal (Mantri) Bajaj (official)	14	Nos.	2590.00	Rupees Two Thousand Five Hundred Ninety Only	Each	36260.00

18	Supplying & fixing DOWN LIGHT 12W light with 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 :- Jaquar/Bajaj/Twinkle.	12	Nos.	1079.00	Rupees One Thousand SeventyNine Only	Each	12948.00
19	Supplying & fixing 36 Watt Surface mounted LED panel made from extruded aluminium housing (surface) 2ft x 2ft 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/Bajaj/Twinkle.	4	Nos.	4608.00	Rupees Four Thousand Six Hundred Eight Only	Each	18432.00
20	Supplying & fixing 24 Watt Ultra slim LED panel made from extruded aluminium housing frame Surface/recess/pendant 1ft x 1ft approx. 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/Bajaj/Twinkle.	20	Nos.	2367.00	Rupees Two Thousand Three Hundred SixtySeven Only	Each	47340.00
21	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 :- Jaquar/Bajaj/Twinkle.	7	Nos.	840.00	Rupees Eight Hundred Forty Only	Each	5880.00
22	Supplying & fixing 10 Watt LED mirror light High quality aluminium extruded with decorative end caps 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/Bajaj/Twinkle.	5	Nos.	498.00	Rupees Four Hundred NinetyNine Only	Each	2495.00
23	Supplying & fixing 10 Watt LED bulk head 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 :- Jaquar/Bajaj/Twinkle.	5	Nos.	1459.00	Rupees One Thousand Four Hundred FiftyNine Only	Each	7295.00
24	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.	281.00	Rupees Two Hundred EightyOne Only	Each	843.00
25	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 respects per entire satisfaction of the Engineer in charge-1) Double door-12 way. Make : L&T / Legrand / Siemens.	4	Nos.	2711.00	Rupees Two Thousand Seven Hundred Eleven Only	Each	10844.00

26	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 1.5 mm thick M.S. sheet having overall dimensions (380mmx350mmx150mm) nominal with all accessories including connections, earthing the body etc. as required complete in all respects as per entire satisfaction of the Engineer in charge Make : L&T / Legrand / Siemens.	1	Nos.	3318.00	Rupees Three Thousand Three Hundred Eighteen Only	Each	3318.00
27	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 : L&T / Legrand / Siemens.	1	Nos.	2606.00	Rupees Two Thousand Six Hundred Six Only	Each	2606.00
28	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 respects as per entire satisfaction of the Engineer in charge.) 63 Amp. -16 KA Make : L&T / Legrand / Siemens.	1	Nos.	5517.00	Rupees Five Thousand Six Hundred Seventeen Only	Each	5517.00
	Total						499180.00

Draft schedule of quantity checked and approved for Rs. 499180/- only.



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

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Job- 7					Estimated Cost:- Rs.153481/-only	
					Earnest Money :- Rs.3075/-only.	
					Time :- Along with civil work.	
Draft SCHEDULE OF QUANTITY						
Name of work:- Providing additional computer points heating points and bell point in Panchayat Bhavan Dharampur District Mandi (H.P.)						
Sr. No.	Description	Qty.	Rate		Units	Amount
			In figure	In words		
1	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. i) Group C. Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class).	12 Nos.	607.00	Rupees Six Hundred Seven Only	Each	7284.00
2	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).	10 Nos.	616.00	Rupees Six Hundred Sixteen Only	Each	6160.00
3	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 as per entire satisfaction of Engineer- in- Charge. Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class) (Computer Point)	23 Nos.	1079.00	Rupees One Thousand SeventyNine Only	Each	24817.00
4	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. Make : L&T / Legrand / Siemens.	15 Nos.	284.00	Rupees Two Hundred EightyFour Only	Each	4260.00
i) Single pole Cat-A						
5	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..	4 Nos.	1324.00	Rupees One Thousand Three Hundred TwentyFour Only	Each	5296.00
i) Double pole Cat-A						

6	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with fitted 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 L&T / LEGRAND / SIEMENS.	4	Nos.	1785.00	Rupees One Thousand Seven Hundred EightySix Only	Each	7144.00
i)	Double door-4 way						
7	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 complete in all respect as per entire satisfaction of Engineer-in-Charge Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CML.						
i)	3x1.5 Sq. mm.	100	Metre	98.00	Rupees NinetyEight Only	Per Metre	9800.00
ii)	3 x 4 Sq. mm.	150	Metre	220.00	Rupees Two Hundred Twenty Only	Per Metre	33000.00
ii)	3 x 10 Sq. mm.	70	Metre	519.00	Rupees Five Hundred Nineteen Only	Per Metre	36330.00
8	Providing and fixing of following sizes of PVC casing and capping on surface as required complete in all respect as per entire satisfaction of Engineer-in-Charge. i) 25 mm x 15 mm	50	Metre	65.00	Rupees SixtyFive Only	Each	3250.00
9	Providing and fixing of following sizes of PVC Trunking 50 x 50 mm (Type A) on surface as required complete in all respect as per entire satisfaction of Engineer-in-Charge	50	Metre	323.00	Rupees Three Hundred TwentyThree Only	Per Metre	16150.00
	Total						153491.00

Draft Schedule of Quantity checked and approved for Rs. 153491/- only

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

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Job- 8				Estimated Cost - Rs. 195394 /-only	
				Earnest Money - Rs. 3925/-only	
				Time - Along with civil work	

Draft SCHEDULE OF QUANTITY

Name of work:- Rewiring of conference hall in combined office building at sarkaghat District Mandi (H.P)

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 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 including dismantling of the existing wiring as required (including switch & sheet etc.) as required complete in all respects as per entire satisfaction of the Engineer in charge. i) Group C. Make:- PLAZA / FINOLEX / KEI / HEVELLS / GRADELY.	30	Nos	1283.00	Rupees One Thousand Two Hundred Eighty Three Only	Each	38490.00
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 (Penta) / ABB (Similar Class), Hevels (Reo)	10	Nos	484.00	Rupees Four Hundred Eighty Four Only	Each	4840.00
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 (Penta) / ABB (Similar Class), Hevels (Reo)	4	Nos	616.00	Rupees Six Hundred Sixteen Only	Each	2464.00
4	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 respects as per entire satisfaction of the Engineer in charge. Make : L&T / Legrand / Siemens.	8	Nos	284.00	Rupees Two Hundred Eighty Four Only	Each	2272.00
i)	Single pole. Cat-A.						
5	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 respects as per entire satisfaction of the Engineer in charge. Make : L&T / Legrand / Siemens.	2	Nos	1324.00	Rupees One Thousand Three Hundred Twenty Four Only	Each	2648.00
i)	Double pole Cat-A						

6	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with lined 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 respects per entire satisfaction of the Engineer in charge. Make L&T / LEGRAND / SIEMENS.	2	Nos	2243.00	Rupees Two Thousand Two Hundred FortyThree Only	Each	4486.00
i)	Double door-8 way						
7	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 complete in all respects per entire satisfaction of the Engineer in charge. Make: PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.						
i)	3x1.5 Sq. mm.	60	Metre	98.00	Rupees NinetyEight Only	Per Metre	5880.00
ii)	3x4.0 Sq. mm.	70	Metre	220.00	Rupees Two Hundred Twenty Only	Per Metre	15400.00
iii)	3x10 Sq. mm.	50	Metre	519.00	Rupees Five Hundred Nineteen Only	Per Metre	25950.00
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/MW) 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, Modular Fan Regulator suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Make :- Atomberg(officio) , Havells (Efficia Neo) , Orient (Hector 500) , Gold Metal(Maruti)	12	Nos	4549.00	Rupees Four Thousand Five Hundred FortyNine Only	Each	54588.00
i)	Ceiling fan 1200 mm sweep (Category -A)						
9	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 respects per entire satisfaction of the Engineer in charge. i) Exhaust Fan, Light duty, (Domestic) 300 mm sweep Make: atomberg ,Havells,Orient,Gold Metal,Bajaj	2	Nos	2244.00	Rupees Two Thousand Two Hundred FortyFour Only	Each	4488.00

10	Supplying & fixing DOWN LIGHT 22 W Recess LED Round / Square light with 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 :- Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max Havells.	16	Nos	1468.00	Rupees One Thousand Four Hundred SixtyEight Only	Each	23488.00
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 complete in all respect as per entire satisfaction of Engineer-in-Charge. i) 25 mm. dia Make :- AKG/ BEC / NIC/ Diplast.	80	Metre	130.00	Rupees One Hundred Thirty Only	Per Metre	10400.00
	Total						195394.00

Draft schedule of quantity checked and approved for RS. 1,95,394/- only

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

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Job- 9						Estimated Cost:- Rs.449452 /-only.
						Earnest Money :- Rs.9000/-only.
						Time :- Two Month
Draft SCHEDULE OF QUANTITY						
Name of work:- Replacement of existing damaged armoured cable 95 sq mm SOP main panel to Block A,B & C Intern Hostel for Girl's at the campus of SLBSGMC&H Ner Chowk in Distt Mandi [HP]						
Sr. No.	Description	Qty.	Rate	Units	Amount	
1	Providing, laying and fixing of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured power cable, working voltage 1.1 KV grade on surface etc. as required complete in all respect as per entire satisfaction of engineer in charge. - I) Armoured cable 95 sq. mm (3.5 core) Make :- Universal Cables,KEI,Havells,Grandley	350	1004.00	Rupees One Thousand Four Only	Per Metre	351400.00
2	Supplying and erection of 3 stepped steel tubular swaged and welded pole of suitable length and dia. to be fixed up to a required planting depth below G/L in a hole of excavation about 30 cm dia. and of suitable depth, to be filled in up to 15 cm below G/L with 1:3:6 cement concrete and there above plinth with 1:2:4 cement concrete up to a height of 45 cm from G/L. The radial thickness of the plinth above G/L should not be less than 6.35 cm and sufficient to completely flush a 180 mmx100 mmx45 mm deep, glass filled Nylon F R grade box for housing a 16 Amp. MCB. the outer surface of the plinth to be finished with 1:3 cement plaster 6 mm thick, the fuse-box shall have a water tight cover, including painting of pole with two coats of approved color, brand and manufacture of paint over a priming coat complete in all respects as required:- (a). Overall length 7 meter, with planting depth 1.25 m, length of sections 4 m, 1.5m and 1.5m (bottom, middle and top respectively), outer dia and thickness of sections 127mmx4 5mm, 101.6mmx3.65mm and 76.1mmx3.25mm (bottom, middle and top respectively) with approximate weight 74 Kg.	12	8171.00	Rupees Eight Thousand One Hundred SeventyOne Only	Each	98052.00
	Total					449452.00

Draft schedule of Quantity checked and approved for RS. 449452/- only.

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

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Job-10					Estimated Cost :- Rs.327203/- Only
					Earnest Money :- Rs.6550/- Only
					One Month
Draft SCHEDULE OF QUANTITY					
Name of work:-Repair of PSA Compressor installed at Zonal Hospital Mandi District Mandi (H.P)					
S.No.	Description	Qty.	In Figure	Rate In Words	Unit Amount
1	Repair of PSA compressor spare EG-75-8 and line filter includes:- repair of air filter element F4 75 KW, oil filter, oil separator (650CFM), Elgi air tube UT SYN 20 L (5.3G), T1210A (750CFM) (Line filter), T 1210x(750CFM) (Line filter), T250-B-BSP (750CFM) (Line filter) complete with installation connection & testing etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge	1	Nos 327203.00	Rupees Three Lakh TwentySeven Thousand Two Hundred Three Only	Each 327203.00
	Total				327203.00

Draft schedule of Quantity checked and approved for Rs. 327,203/- only.

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

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