

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 Sr No. 1 to 7 from approved and eligible contractors enlisted in appropriate class in HPPWD (Electrical) department having valid Electrical license, and for work at Sr No. 8 and 9 from OEM or authorized agency of OEM of Fire fighting system or approved firms for executing specialized job by HPPWD (E), so as to reach in his office on or before 14.10.2024 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 14.10.2024 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 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:- Providing and fixing light plug point at District Library Kullu District Kullu H.P Estimated Cost: Rs. 140512/-only, Earnest money: Rs. 2825/- only, Time allowed: - One Month

Work No. 2:- Replacement of Old Light fixture to new LED fixture and other accessories of Rest House Sojha Tehsil Banjar District Kullu H.P Estimated Cost: Rs. 177396/-only, Earnest money: Rs. 3550/- only, Time allowed: - One Month

Work No. 3:- Replacement of Old fixture to new LED fixture and accessories of District and Session Judge Residence Kullu District Kullu HP Estimated Cost: Rs. 211546/-only, Earnest money: Rs. 4250/- only, Time allowed: - One Month

Work No. 4:- Providing Main panel in Tribal Bhawan at Bhuntar District Kullu H.P Estimated Cost: Rs. 226786/-only, Earnest money: Rs. 4550/- only, Time allowed: - One Month

Work No. 5:- Supplying, Installation, Testing and Commissioning of 5 Nos. 1.5 tonne 5 star Hot & Cold Air Conditioners in the HPPWD Division, Manali at Katrain District Kullu HP Estimated Cost: Rs. 499630/-only, Earnest money: Rs. 10000/- only, Time allowed: - Two Months.

Work No. 6:- C/o Type I 2 Nos. quarters at Fire Station Jhamar (SH: Providing Balance work therein) Estimated Cost: Rs. 146567/-only, Earnest money: Rs. 2950/- only, Time allowed: - Along with civil work

Work No. 7:- Supplying, Installation, Testing and Commissioning of 1.5 tonne capacity Air Conditioners in the Combined office building at Baldwara, Tehsil Sarkaghat District Mandi HP Estimated Cost: Rs. 497329/-only, Earnest money: Rs. 9950/- only, Time allowed: - Along with civil work.

Work No. 8:- C/o Boys Hostel at JLN Govt. Engineering College at Sunder Nagar District Mandi HP (SH: Fire fighting pipe line from water tank to fire fighting pump house therein) Estimated Cost: Rs. 465023/-only, Earnest money: Rs. 9300/- only, Time allowed: - One Month

Work No. 9:- C/o Boys Hostel at JLN Govt. Engineering College at Suncer Nagar District Mandi HP (SH: Excavation of fire fighting pipeline and accessories therein) Estimated Cost: Rs. 424285/-only. Earnest money: Rs. 8500/- 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.)

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---

3041-56

Dated:

26-9-24

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.140512 /- only
							Earnest money:- Rs.2825/- only
							Time:- One Month
Name of work:- Providing and fixing light plug point at District Library Kullu HP							
Draft Schedule Of Quantity							
Sr. No.	Description	Qty.	In figure	In words	Units	Amount	
1	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. Cable Make :Havells,Finolex,RR Kable,KEI,Grandley,Plaza(grandley)						
i) •	3x1.5 Sq. mm.	150	Metre	98.00	Rupees NinetyEight Only	Per Metre	14700.00
ii)	3x10.0 sq mm	40	Metre	519.00	Rupees Five Hundred Nineteen Only	Per Metre	20760.00
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 5 pin 5/6 amps socket outlet and 5/6 amps, piano type switch, connections, painting etc. as required complete in all respect as per entire satisfaction of Engineer-in- Charge. Make Havells (REO) (Athena), Goldmedal (Air) (GIFa), Anchor (Penta), Legrand (arteor), L&T(Entice)	150	Nos	314.00	Rupees Three Hundred Fourteen Only	Each	47100.00
3	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA breaking capacity, MCB DB complete with connections etc. as required complete in the existing entire satisfaction of the Engineer in charge .i) Single pole 10 Amp Make : L&T / Legrand / Siemens.	16	Nos	284.00	Rupees Two Hundred EightyFour Only	Each	4544.00
4	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 complete with connections etc. as required complete in all respect as per entire satisfaction of Engineer-in- Charge. i) Double pole.(Category-A) Make : L&T / Legrand / Siemens.	4	Nos	1324.00	Rupees One Thousand Three Hundred TwentyFour Only	Each	5296.00
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 complete in all respect as per entire satisfaction of Engineer-in- Charge. i) Double door-8 way Make:-Havells, ABB, Legrand, L&T, schneider, C&S	4	Nos	2243.00	Rupees Two Thousand Two Hundred FortyThree Only	Each	8972.00

6	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliampers in the existing MCB DB complete with connections, testing and commissioning etc. as required. complete in all respect as per entire satisfaction of Engineer- in- Charge. i) 63 Amps. (Category-A) Make:-Havells, ABB, Legrand, L&T, Schneider, C&S	4	Nos	3935.00	Rupees Three Thousand Nine Hundred ThirtyFive Only	Each	15740.00
7	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) 25mm Dia Make:- Anchor, AKG, RKG, Precision Pipes, Diplast	180	Nos	130.00	Rupees One Hundred Thirty Only	Each	23400.00
Total							140512.00

Draft schedule of quantity checked and approved for Rs. 1,40,512/- only.

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP)



Job- 2						Estimated Cost:- Rs. 177396/-only.	
						Earnest Money :- Rs.3550/-only.	
						Time :- One Month	
Draft SCHEDULE OF QUANTITY							
Name of work:--Replacement of old Light Fixture to new LED Fixture and other accessories of Rest House Sojha Tehsil Banjar Distt. Kullu (HP)							
Sr. No	Description	Qty.	Rate		Units	Amount	
			In figure	In words			
1	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 10 amps modular socket outlet and 10 amps, modular switch, connections etc.as required complete in all respects per entire satisfaction of the Engineer in charge. MAKE :-LEGRAND / (MYRIU)/ L&T (ENTIC)/ ANCHOR/ SSK/ABB	6	Nos	484.00	Rupees Four Hundred EightyFour Only	Each	2904.00
2	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 20 amps modular socket outlet and 20 amps, modular switch, connections etc. as required complete in all respects per entire satisfaction of the Engineer in charge. MAKE :-LEGRAND / (MYRIU)/ L&T (ENTIC)/ ANCHOR/ SSK/ABB	9	Nos	607.00	Rupees Six Hundred Seven Only	Each	5463.00
3	Supplying and fixing following rating Modular switch /socket in the existing switch box / cover plate including connections etc. as required complete in all respects per entire satisfaction of the Engineer in charge. i) 5 pin 10 amps. Modular socket outlet. MAKE :-LEGRAND / (MYRIU)/ L&T (ENTIC)/ ANCHOR/ SSK/ABB	5	Nos	214.00	Rupees Two Hundred Fourteen Only	Each	1070.00
4	Supplying and fixing following rating Modular switch /socket in the existing switch box / cover plate including connections etc. as required complete in all respects per entire satisfaction of the Engineer in charge. MAKE :-LEGRAND / (MYRIU)/ L&T (ENTIC)/ ANCHOR/ SSK/ABB						
i)	10 amps. one-way Modular switch	35	Nos	149.00	Rupees One Hundred FortyNine Only	Each	5215.00
ii)	10 amps. Two-way Modular switch	6	Nos	259.00	Rupees Two Hundred FiftyNine Only	Each	1554.00
iii)	Bell push, Modular	6	Nos	286.00	Rupees Two Hundred EightySix Only	Each	1716.00
5	Supplying & fixing following size modular base and cover plate on the existing modular metal boxes as required complete in all respects per entire satisfaction of the Engineer in charge. MAKE :-LEGRAND / (MYRIU)/ L&T (ENTIC)/ ANCHOR/ SSK/ABB						
i)	2 modules	4	Nos	250.00	Rupees Two Hundred Fifty Only	Each	1000.00
ii)	4 modules	10	Nos	329.00	Rupees Three Hundred TwentyNine Only	Each	3290.00
iii)	6 modules	11	Nos	412.00	Rupees Four Hundred Twelve Only	Each	4532.00
iv)	8 modules	1	Nos	472.00	Rupees Four Hundred SeventyTwo Only	Each	472.00

6	Supplying and fixing of following sizes of PVC conduit along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required complete in all respects per entire satisfaction of the Engineer in charge. i) 20 MM Dia	40	Metre	130.00	Rupees One Hundred Thirty Only	Per Metre	5200.00
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 respects per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.						
i	3x1.5 Sq. mm.	100	Metre	98.00	Rupees NinetyEight Only	Per Metre	9800.00
ii	3x4.0 Sq. mm	80	Metre	220.00	Rupees Two Hundred Twenty Only	Per Metre	17600.00
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:- i) Exhaust Fan, Light duty, (Domestic) 300 mm sweep. Make : Usha / Bajaj / Anchor Panasonic.	3	Nos	2244.00	Rupees Two Thousand Two Hundred FortyFour Only	Each	6732.00
9	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-chargeMake:-Jaquar/Twinkle/Panasonic.	4	Nos	810.00	Rupees Eight Hundred Ten Only	Each	3240.00
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 10 Amp.+20 amp Cat-A. Make : L&T / Legrand / Siemens.	10	Nos	284.00	Rupees Two Hundred EightyFour Only	Each	2840.00
11	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.(Category-A) Make : L&T / Legrand / Siemens.	3	Nos	3935.00	Rupees Three Thousand Nine Hundred ThirtyFive Only	Each	11805.00
12	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. i) Double pole.(Category-A) Make : L&T / Legrand / Siemens.	3	Nos	1324.00	Rupees One Thousand Three Hundred TwentyFour Only	Each	3972.00

13	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/ Twinkle/ Panasonic.	3	Nos	1079.00	Rupees One Thousand SeventyNine Only	Each	3237.00
14	Supplying & fixing 10 Watt LED Bed light complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Make:-Jaquar/ Twinkle/ Panasonic.	4	Nos	1307.00	Rupees One Thousand Three Hundred Seven Only	Each	5228.00
15	Supplying & fixing one way bell indicator with light indicator and bell buzzer, complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Make:-Jaquar/ Twinkle/ Panasonic.	6	Nos	293.00	Rupees Two Hundred NinetyThree Only	Each	1758.00
16	Supplying & fixing wall bracket fitting DOUBLE lamp with Opal Globe 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. Make:-Jaquar/ Twinkle/ Panasonic.	2	Nos	2212.00	Rupees Two Thousand Two Hundred Twelve Only	Each	4424.00
17	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. Make:-Jaquar/ Twinkle/ Panasonic.	8	Nos	3866.00	Rupees Three Thousand Eight Hundred SixtySix Only	Each	30928.00
18	Supplying and fixing of 6 LT frosted glass with Chrome finishing Chandelier with chrome finish lamp fancy Pendant light (Chandelier) containing LED lamp holder(s) of E-14 4Wx6 complete with all accessories but excluding LED lamp including making connections, testing etc. as required or any other approved by Engineer-in-Charge. Make- Lustre Jaquar/ Twinkle/ Panasonic	1	Nos	13706.00	Rupees Thirteen Thousand Seven Hundred Six Only	Each	13706.00
19	Supplying & fixing HANGING LIGHT 3 LAMP Frosted Glass with Rose Gold finishing Pendant 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. Make- Lustre Jaquar/ Twinkle/ Panasonic	2	Nos	5977.00	Rupees Five Thousand Nine Hundred SeventySeven Only	Each	11954.00
20	Supplying & fixing HANGING LIGHT Frosted Glass with Rose Gold finishing Pendant 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. Make- Lustre Jaquar/ Twinkle/ Panasonic	2	Nos	2771.00	Rupees Two Thousand Seven Hundred SeventyOne Only	Each	5542.00
21	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/ Twinkle/ Panasonic	2	Nos	3847.00	Rupees Three Thousand Eight Hundred FourtySeven Only	Each	7694.00

22	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. Make- Jaquar/ Twinkle/ Panasonic	3	Nos	1840.00	Rupees One Thousand Eight Hundred Forty Only	Each	5520.00
	Total						178396.00
	Dismantal Credit (-)						1000
	Total						177396.00

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

Job- 3						Estimated Cost:- Rs. 211546/-only.	
						Earnest Money :- Rs.4250/-only.	
						Time :- One Month	
Draft SCHEDULE OF QUANTITY							
Name of work:-Replacement of old fixture to new LED fixture and accessories of District and session judge residence Kullu HP							
Sr. No.	Description	Qty.		In figure	Rate		Amount
					In words	Units	
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 5/6 amps socket outlet and 5/6 amps, piano type switch, connections, painting etc.as required complete in all respectas per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	24	Nos	314.00	Rupees Three Hundred Fourteen Only	Each	7536.00
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 respectas per entire satisfaction of the Engineer in charge.Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	20	Nos	489.00	Rupees Four Hundred EightyNine Only	Each	9780.00
3	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required complete in all respectas per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.						
i)	3x1.5 Sq. mm.	150	Metre	98.00	Rupees NinetyEight Only	Per Metre	14700.00
ii)	3x4 Sq. mm.	200	Metre	220.00	Rupees Two Hundred Twenty Only	Per Metre	44000.00
iii)	3x10 Sq. mm.	55	Metre	519.00	Rupees Five Hundred Nineteen Only	Per Metre	28545.00
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 respectas per entire satisfaction of the Engineer in charge. Make : L&T / Legrand / Siemens.	24	Nos	284.00	Rupees Two Hundred EightyFour Only	Each	6816.00
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 per entire satisfaction of the Engineer in charge. Make : L&T / Legrand / Siemens.	3	Nos	1324.00	Rupees One Thousand Three Hundred TwentyFour Only	Each	3972.00
i)	Double pole. Cat-A.						
6	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.	3	Nos	3935.00	Rupees Three Thousand Nine Hundred ThirtyFive Only	Each	11805.00
7	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.	3	Nos	2244.00	Rupees Two Thousand Two Hundred FortyFour Only	Each	6732.00
8	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
9	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
10	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 : Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max ,Havells.	3	Nos	3847.00	Rupees Three Thousand Eight Hundred FortySeven Only	Each	11541.00
11	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 : Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max ,Havells.	9	Nos	1459.00	Rupees One Thousand Four Hundred FiftyNine Only	Each	13131.00
12	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 : Wipro / Bajaj / Phillips / Jaquar / (Twinkle) Lux Max ,Havells.	33	Nos	1079.00	Rupees One Thousand SeventyNine Only	Each	35607.00

Job- 4					Estimated Cost :- Rs.226786 /- Only
					Earnest Money :- Rs.4550/- Only
					Time :- One Month

DRAFT SCHEDULE OF QUANTITY

Name Of Work :- Providing Main panel in tribal bhawan at Bhunter Distt Kullu H.P

S.No.	Description	Qty.		Rate		Unit	Amount
				In Figure	In Words		
1	Supplying and erection of following depth sheet metal cubical pedestal of suitable dimensions with plus-minus 5 cm variation, made from 1.6 mm thick M.S. sheet duly fabricated in a segregated manner for housing of switch fuse units, by welding each compartment on five sides & front side hinged, complete with locking arrangement, with sufficient No. vertical and horizontal intermediate switchgear housing compartments. The cubical pedestal shall have cable entry box at one or two sides, with epoxy powder coated approved paint and bonding to the existing earth etc. The same shall be erected in the 1:2:4 cement concrete plat-form of suitable dimensions 15 cm high from ground level and 45 cm thick. The cubical pedestal shall be 15 cm from the top of cement concrete plat-form:- 800mmx1000 mm x450MM Deep Consisting MCCB315 Amps 1 No ,MCCB 100 Amps 4 Nos,MCB DP 63 Amps 4 Nos,Change over Switch 315 Amps 1 No, Aluminium Busbar 400Amps 1 No, 1 No Ammeter ,Voltmeter, Indicating Lamp 3 No ,C.T Coil Complete Connection Testing etc as required ,complete in all respect as per entire satisfaction of Engineer- in- Charge.-Make L&T / LEGRAND / SIEMENS.	1	Nos	208938.00	Rupees Two Lakh Eight Thousand Nine Hundred ThirtyEight Only	Each	208938.00
2	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 ,Havells .	31	Nos	608	Rupees Six Hundred Eight Only	Each	18848.00
	Total						227786.00
	Dismantal credit(-)						1000.00
	Total						226786.00

Draft Schedule of Quantity checked and approved for Rs. 226786/- only

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

Job-5							Estimated Cost:- Rs.499630/- only	
							Earnest Money:- Rs.10000 /- only	
							Along With Civil Work	
Draft Schedule Of Quantity								
Name of work:- SITC of 5 nos, 1.5 ton star hot and cold AIR CONDITIONERS In the HPPWD DIVISION Building Manali AT KATRIN								
Sr. No.	Description	Qty.	In figure	Rate In words	Units	Amount		
1	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.. Makes: kei, PLAZA ,anchor	5	301.00	Rupees Three Hundred One Only	Per Metre	1505.00		
i)	2x4.0 Sq. mm.							
2	Supplying and fixing 20 Amps, 4 Module AC Box with SP MCB, plug top,metal enclosure, on surface or in recess, , complete with connections, testing and commissioning etc. as required..complete in all respect as per entire satisfaction of Engineer- in- Charge. Makes: l&t,ABB,anchor	5	1249.00	Rupees One Thousand Two Hundred FortyNine Only	Each	6245.00		
3	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. Makes: l&t,ABB,legrand	5	284.00	Rupees Two Hundred EightyFour Only	Each	1420.00		
i)	Single pole. Cat-A.							
4	Supplying and fixing 1.5 TON 5 star ,capacity split type inverter Hot and Cold AC ,including copper pipe ,drain pipe, and stand for out door AC unit complete with installation ,connection,etc as required ..complete in all respect as per entire satisfaction of Engineer- in- Charge. Make :-lloyd, voltas ,Daiken, o general or equivalent	5	98092.00	Rupees NinetyEight Thousand NinetyTwo Only	Each	490460.00		
						499630.00		

Draft schedule of Quantity checked and approved for Rs. 4,99,630/- only

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

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Job- 6							Estimated Cost:- Rs.148567/-only.	
							Earnest Money :- Rs.2950/-only.	
							Time :- Along with civil work.	
Name Of Work :- C/O Type I 2 Nos. qtrs. at Fire station Jhamar (SH:-Prov. Balance work there in)								
Draft SCHEDULE OF QUANTITY								
Sr. No	Description	Qty.		In figure	Rate		Units	Amount
		34	Nos	880.00	In words			
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit 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 A. Make:-Havells,Finolex,RR Kable,KEI,Grandley,Plaza(grandley and plaza				Rupees Eight Hundred Eighty Only		Each	29920.00
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 steel 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 . Cable make. Havells,Finolex,RR Kable, KEI, Grandley, Plaza (grandley and plaza							
i)	2x1.5 Sq. mm.	40	Metre	215.00	Rupees Two Hundred Fifteen Only		Per Metre	8600.00
ii)	2x4.0 Sq. mm.	44	Metre	329.00	Rupees Three Hundred TwentyNine Only		Per Metre	14476.00
iii)	2x6.0 Sq. mm.	40	Metre	454.00	Rupees Four Hundred FiftyFour Only		Per Metre	18160.00
3	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 Cable make. Havells, Finolex, RR Kable, KEI, Grandley, Plaza(grandley and plaza	30	Metre	556.00	Rupees Five Hundred FiftySix Only		Per Metre	16680.00
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 respect as per entire satisfaction of Engineer- in- Charge Cable make. Havells,Finolex,RR Kable, KEI, Grandley, Plaza (grandley and plaza	10	Metre	98.00	Rupees NinetyEight Only		Per Metre	980.00

i)	PVC insulated HRFR LS Copper conductor 1.5 Sq. mm. i)3x1.5 Sq. mm.												
5	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 . pure(Copper)	1	Set	5237.00	Rupees Five Thousand Two Hundred ThirtySeven Only	Per Set	5237.00						
6	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	Set	1493.00	Rupees One Thousand Four Hundred NinetyThree Only		1493.00						
7	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 .	25	Metre	47.00	Rupees FortySeven Only	Per Metre	1175.00						
8	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 :-Havells (REO) (Athena), Goldmedal (Air) (GIFa), Anchor (Penta), Legrand (arteor), L&T (Entice)	10	Nos	489.00	Rupees Four Hundred EightyNine Only	Each	4890.00						
9	Supplying and fixing metal box of 100mmx100mmx60mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 5/6 amps socket outlet and 5/6 amps, piano type switch, connections, painting etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge . Make :- Havells (REO) (Athena), Goldmedal (Air) (GIFa), Anchor (Penta), Legrand (arteor), L&T (Entice)	14	Nos	314.00	Rupees Three Hundred Fourteen Only	Each	4396.00						
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 respect as per entire satisfaction of Engineer- in- Charge -i) Single pole. Cat-A. Make :- Havells,ABB,Legrand,L&T,schneider,C&S	16	Nos	284.00	Rupees Two Hundred EightyFour Only	Each	4544.00						
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 respect as per entire satisfaction of Engineer- in- Charge . i) Double pole. Cat-A.Make :- Havells,ABB,Legrand,L&T,schneider,C&S	2	Nos	1324.00	Rupees One Thousand Three Hundred TwentyFour Only	Each	2648.00						

12	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 :-Havells ,ABB, Legrand, L&T, schneider, C&S	2	Nos	2711.00	Rupees Two Thousand Seven Hundred Eleven Only	Each	5422.00
13	Supplying and fixing following rating Piano-type switch /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 :- Havells (REO) (Athena), Goldmedal (Air) (GIFa), Anchor (Penta), Legrand (arteor), L&T (Entice)						
i)	S.P. 5/6 Amps one way switch, piano type.	8	Nos	41.00	Rupees FortyOne Only	Each	328.00
ii)	6 pin 5/6 Amps socket outlet, porcelain base/ piano type.	4	Nos	60.00	Rupees Sixty Only	Each	240.00
14	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 :-Havells (REO) (Athena), Goldmedal (Air) (GIFa), Anchor (Penta), Legrand (arteor),L&T(Entice)	4	Nos	823.00	Rupees Eight Hundred TwentyThree Only	Each	3292.00
15	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 (efficia)	4	Nos	2590.00	Rupees Two Thousand Five Hundred Ninety Only	Each	10360.00
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 :-atomberg ,Havells ,Orient, Gold Medal, Bajaj	2	Nos	2244.00	Rupees Two Thousand Two Hundred FortyFour Only	Each	4488.00
17	Supplying and fixing call bell / buzzer, 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 :- Havells (REO) (Athena), Goldmedal (Air) (GIFa), Anchor (Penta), Legrand (arteor),L&T(Entice)	2	Nos	187.00	Rupees One Hundred EightySeven Only	Each	374.00
18	Supplying and fixing bakelite batten/angle holder including connections etc. as required complete in all respect as per entire satisfaction of Engineer-in-Charge .MAKE :- MAKE :-Havells (REO) (Athena), Goldmedal (Air) (GIFa), Anchor (Penta), Legrand (arteor),L&T(Entice)	12	Nos	88.00	Rupees EightyEight Only	Each	1056.00

19	Supplying and fixing of fancy wall bracket containing LED lamp holder(s) of all sizes and shapes, complete with all accessories but excluding LED lamp including making connections, testing etc. as required. Make :- bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Chengi	2	Nos	779.00	Rupees Seven Hundred SeventyNine Only	Each	1558.00
20	Supplying and fixing LED mirror light including making connection testing etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge . Make :- bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Chengi	2	Nos	491.00	Rupees Four Hundred NinetyOne Only	Each	982.00
21	Supplying & fixing surface mounting square LED down lighter 6 watt with AL die cast body finished withndrop down PC diffuser to deliver glow glare illumination withn optimizedheat sink of efficient heat of dissipation 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,Chengi	2	Nos	810.00	Rupees Eight Hundred Ten Only	Each	1620.00
22	Prov. & Fixing glazed LED 22 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 Tbajaj, havells, Goldmedal, panasonic, Philips, Wipro, Chengi	6	Nos	608.00	Rupees Six Hundred Eight Only	Each	3648.00
							146567.00

*Draft schedule of Quantity checked
and approved for RS. 1,46,567 / only.*

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

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Job- 7					Estimated Cost:- Rs. 497329/-only.	
					Earnest Money :- Rs9950/-only.	
					Time :- Along with civil work.	
Draft SCHEDULE OF QUANTITY						
Name of work:-Supplying Installation testing and commissioning of 1.5 Tonne capacity at combined office building at baldwara teshil Sarkaghat Distt Mandi (H.P)						
Sr. No	Description	Qty.	Rate		Units	Amount
			In figure	In words		
1	Supplying Installation Testing and Commissioning of 1.5 tone capacity split type Inverter Hot and Cold AC,including copper pipe ,drain pipe , stand for out door AC unit and making good the same in case of recessed conduit and wall openings should be Finished with Cement plastering as required complete in all respect as per entire satisfaction of Engineer- in-Charge.	6	67629.00	Rupees SixtySeven Thousand Six Hundred TwentyNine Only	Each	405774.00
2	Providing and fixing of PVC Trunking 100 x 50 mm on surface wall as required complete in all respects as per entire satisfaction of Engineer- in- Charge.	65	755.00	Rupees Seven Hundred FiftyFive Only	Per Metre	49075.00
3	Supplying and Fixing of Copper pipe twin for 1.5 tonne capacity with gas welding ,PVC Discharge Pipe (Seal tightly connected), Electrical Wire(Two core) , And other Fittings complete in all respect as per entire satisfaction of Engineer- in- Charge.	30	1416.00	Rupees One Thousand Four Hundred Sixteen Only	Per Metre	42480.00
	Total					497329.00

Draft Schedule of Quantity checked and approved for RS. 4,97,329/- only

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

(Signature)

Job-8						Estimated Cost :- Rs.465023/- Only
						Earnest Money :- Rs.9300/- Only
						Time :- One Month.
DRAFT SCHEDULE OF QUANTITY						
Name of work:- C/O Boys Hostel at JLN Govt. Engineering College at Sundernagar Distt. Mandi (HP). (SH: Fire Fighting Pipe Line from water Tank to Fire fighting Pump House therein.)						
S.No.	Description	Qty.	In Figure	Rate	Unit	Amount
				In Words		
1	Providing, laying, jointing and testing in following sizes of MS Class 'C' (heavy class) pipes Conforming to IS: 1239/3589 with accessories like fittings including tees, elbows, reducers, flanges gaskets, G.I. nus, blots complete with all accessories as required complete in all respect as per entire satisfaction of engineer in charge. i) 150 mm dia. Make Jindal Hissar, TATA	127.00	3606.00	Rupees Three Thousand Six Hundred Six Only	Per Metre	457962.00
2	Providing Cast iron /steel Butterfly Valve Confirming to type P.N 16 of I.S 13095-1991 Complete with Flanges bolt ,nuts ,gasket etc. As per table 'E' specification complete in all respect hydraulically test to 20 K./sqcm. etc. as required complete in all respect as per entire satisfaction of engineer in charge. i) 100 mm dia Male Zoloto, Sant LP.	1.00	7061.00	Rupees Seven Thousand SixtyOne Only	Nos	7061.00
	Total					465023.00

Draft Schedule of quantity checked and approved for Rs. 4,65,023/- only.

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

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Job- 9						Estimated Cost :- Rs.424285/- Only
						Earnest Money :- Rs.8500/- Only
						Time :- One Month
DRAFT SCHEDULE OF QUANTITY						
Name of work:- C/O Boys Hostel at JLN Govt. Engineering College at Sundernagar Distt. Mandi (HP),(SH:Excavation of Fire Fighting pipe line & Accessories therein.)						
S.No	Description	Qty.	In Figure	Rate	Unit	Amount
				In Words		
1	Providing, laying, jointing and testing in following sizes of MS Class 'C' (heavy class) pipes conforming to IS: 1239/3589 with accessories like fittings including tees, elbows, reducers, flanges gaskets, G.I. nuts, bolts complete with all accessories as required complete in all respect as per entire satisfaction of engineer in charge. Make Jindal Hissar, TATA					
i)	80 mm dia.	38.00	Metre	Rupees One Thousand Nine Hundred Eighteen Only	Per Metre	72884.00
ii)	100 mm dia	18.00	Metre	Rupees Two Thousand Five Hundred NinetyFive Only	Per Metre	46710.00
iii)	150 mm dia	28.00	Metre	Rupees Three Thousand Six Hundred Sixty Only	Per Metre	100968.00
2	Excavation trenches of required for required MS pipes etc including excavation ramming of bottom depth upto 1.5 m including getting out the excavated soil and then returning the soil as required in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming weathering etc as required complete in all respect as per entire satisfaction of engineer in charge.	190.00	Metre	Rupees Two Hundred Twenty Only	Per Metre	41800.00
3	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 as required complete in all respect as per entire satisfaction of engineer in charge. i) 70 sq mm Make .KEI.Havels, Grandlay.	145.00	Metre	Rupees Nine Hundred Sixty Only	Per Metre	139200.00
4	Providing Cast iron /steel Butterfly Valve Confirming to type P.N 1.6 of IS 13095-1991 Complete with Flanges bolt ,nuts ,gasket etc. As per table 'E' specification complete in all respect hydraulically test to 20 K /sqcm etc. as required complete in all respect as per entire satisfaction of engineer in charge. i) 100 mm dia Make Zoloto,Sant LP.	1.00	Nos	Rupees Six Thousand SixtyOne Only	Each	6061.00
5	Providing and fixing Cast Cast Iron/steel double flanged horizontal type with gunmetal seat non Dual plate reflux valve confirming to class - I, ISI including nuts, bolts, 1.5 mm thick compressed asbestos gasket as per table "E" and specifications as required complete in all respect as per entire satisfaction of engineer in charge.i) 100 mm dia. Make. Zoloto, Sant,LP.	2.00	Nos	Rupees Eight Thousand Three Hundred ThirtyOne Only	Each	16662.00
	Total					424285.00

Draft Schedule of quantity checked and approved for Rs.4,24,285/- only

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

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