

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 9) from approved and eligible contractors enlisted in appropriate class in HPPWD (Electrical) department having valid Electrical license, so as to reach in his office on or before 16.12.2024 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 16.12.2024 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:- C/o Ayurvedic Health Centre Building at Plahi Tehsil Balh District Mandi HP (SH: Providing E.I therein) Estimated Cost: Rs. 230024/- only, Earnest money: Rs. 4600/- only, Time allowed: - Along with civil work

Work No. 2:- C/o VWDC at Campus of Additional District Session Judge Tehsil Sunder Nagar District Mandi HP (SH: Providing E.I therein) Estimated Cost: Rs. 132557/- only, Earnest money: Rs. 2650/- only, Time allowed: - One Month.

Work No. 3:- Providing wiring in renovated Roof/ VVIP Set No. 1 and replacement of Old Gate Light, Pole Light and other electrical accessories in Class III Rest House at Jail Road, Mandi HP Estimated Cost: Rs. 211445/- only, Earnest money: Rs. 4230/- only, Time allowed: - Along with civil work

Work No. 4:- Providing rewiring in Type II 2 Nos. Quarters at Jail Road, Mandi District Mandi HP Estimated Cost: Rs. 183248/- only, Earnest money: Rs. 3665/- only, Time allowed: - Along with civil work

Work No. 5:- Replacement of Electrical fixtures and accessories during visit of Hon'ble Chief Minister of Himachal Pradesh on the occasion of Ambassadors meet and Dussehra festival at HPPWD Rest House Mohal, District Kullu HP Estimated Cost: Rs. 263679/- only, Earnest money: Rs. 5275/- only, Time allowed: - Along with civil work

Work No. 6:- C/o 2 Nos. Type-III Quarter for HP.PWD Manali at Katrain, District Kullu HP (SH: Providing E.I to 2nd floor therein) Estimated Cost: Rs. 437476/- only, Earnest money: Rs. 8750/- only, Time allowed: - Along with civil work

Work No. 7:- Providing and installation of 40 KVA DG Set in Deputy Director Treasury Office-cum- Residential building at Khaliyar District Mandi HP (SH: Providing 2 Nos. earthing, shed and pathway therein)) Estimated Cost: Rs. 102428/- only, Earnest money: Rs. 2050/- 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--- 4614-33

Dated: 02-12-24

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: ee-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.230024/- Only
							Earnest Money :- Rs.4600/- Only
							Time:- Along With Civil work
Draft Schedule of Quantity							
Name of work:- C/O Ayurvedic Health Center building at Plahi Tehsil . Balh Distt. Mandi (H.P.)							
S.No.	Description	Qty.	In Figure	In Words	Unit	Amount	
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed 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 C.MAKE:- FINOLEX/ PLAZA/RR/UNITECH/BENTION/KE	38	1320.00	Rupees One Thousand Three Hundred Twenty Only	Each	50160.00	
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 PVC casing & capping along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required complete in all respect as per entire satisfaction of Engineer- in- Charge.MAKE:- FINOLEX/ PLAZA/RR/UNITECH/BENTION/KE						
i)	2x1.5 Sq. mm.	50	218.00	Rupees Two Hundred Eighteen Only	Per Metre	10900.00	
ii)	2x4.0 Sq. mm.	35	333.00	Rupees Three Hundred ThirtyThree Only	Per Metre	11655.00	
iii)	2x6 Sq. mm.	3	458.00	Rupees Four Hundred FiftyEight Only	Per Metre	1374.00	
iv)	2x10 Sq. mm.	3	607.00	Rupees Six Hundred Seven Only	Per Metre	1821.00	
v)	2x16 Sq. mm.	3	838.00	Rupees Eight Hundred ThirtyEight Only	Per Metre	2514.00	
vi)	4x4.0 Sq. mm.	35	560.00	Rupees Five Hundred Sixty Only	Per Metre	19600.00	
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 conduits required complete in all respect as per entire satisfaction of Engineer- in- Charge.i) 3x1.5 Sq. mm. .MAKE:- FINOLEX/ PLAZA/ RR/ UNITECH /BENTION /KE	15	99.00	Rupees NinetyNine Only	Per Metre	1485.00	
4	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 :-LEGRAND /(MYRIU)/L&T(ENTIC)/ANCHOR/SSK/ABB	9	324.00	Rupees Three Hundred Twentyfour Only	Each	2916.00	

5	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 :- LEGRAND / (MYRIU)/L&T(ENTIC)/ANCHOR/SSK/ABB	9	Nos	499.00	Rupees Four Hundred NinetyNine Only	Each	4491.00
6	Supplying and fixing Metal boxes of 200mmx150mmx75mm 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 3 Nos. outlet and 5/6 amps, piano type switch, 3 Nos. connections, painting etc.as required complete in all respect as per entire satisfaction of Engineer- in- Charge. MAKE :- LEGRAND / (MYRIU)/ L&T (ENTIC) /ANCHOR /SSK /ABB	1	Nos	565.00	Rupees Five Hundred SixtyFive Only	Each	565.00
7	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. i) Single pole. Cat-A. MAKE :- LEGRAND / L&T/C&S/GE	15	Nos	288.00	Rupees Two Hundred EightyEight Only	Each	4320.00
8	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc.as required complete in all respect as per entire satisfaction of Engineer- in- Charge i) Double pole. Cat-A. MAKE :- LEGRAND / L&T/C&S/GE	2	Nos	1327.00	Rupees One Thousand Three Hundred TwentySeven Only	Each	2654.00
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 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) Double pole 63 Amps. Cat-A MAKE :- LEGRAND / L&T/C&S/GE	1	Nos	2909.00	Rupees Two Thousand Nine Hundred Nine Only	Each	2909.00
10	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus- bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. i) Double door-12way MAKE :- LEGRAND / L&T/C&S/GE	2	Nos	2728.00	Rupees Two Thousand Seven Hundred TwentyEight Only	Each	5456.00
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 respect as per entire satisfaction of Engineer- in- Charge. MAKE :- LEGRAND / L&T/C&S/GE	1	Nos	6575.00	Rupees Six Thousand Five Hundred SeventyFive Only	Each	6575.00
12	Earthing with G.I earth pipe 4.5 mtr. long and 40mm dia, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required complete in all respect as per entire satisfaction of Engineer- in- Charge.	1	Set.	5268.00	Rupees Five Thousand Two Hundred SixtyEight Only	Per Set	5268.00
13	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	Per Set	1493.00

14	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	49.00	Rupees FortyNine Only	Per Metre	1225.00
15	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes by means of Expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, providing and fixing of Non-return valve, Dead weight safety valve, 2 No C.P. connection rods 18" long, making good the damages, electrical connections, safety valve connections, testing and commissioning etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. i) 15 Liter capacity water heater (Cat-A) Make : - Bajaj,Racold/ Crompton	2	Nos	12338.00	Rupees Twelve Thousand Three Hundred ThirtyEight Only	Each	24676.00
16	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. ii) Ceilling Fan 1200 mm sweep, Category-AMAKE :- USHA/BAJAJ/ CROMPTON	6	Nos	2601.00	Rupees Two Thousand Six Hundred One Only	Each	15606.00
17	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. i) Exhaust Fan, Light duty, (Domestic) 300 mm sweep MAKE :- USHA/BAJAJ/ CROMPTON	5	Nos	2253.00	Rupees Two Thousand Two Hundred FiftyThree Only	Each	11265.00
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 :-LEGRAND / (MYRIU) /L&T (ENTIC) /ANCHOR /SSK /ABB	2	Nos	92.00	Rupees NinetyTwo Only	Each	184.00
19	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	1	Nos	283.00	Rupees Two Hundred EightyThree Only	Each	283.00
20	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.Makes:-jaquar GLAZE LED BATTEN (Cat no LGLZ01X010XW)/C&S/Crompton/bajaj or Equivalent make.	8	Nos	504.00	Rupees Five Hundred Four Only	Each	4032.00
21	Supplying & fixing LED Mirror Light 1 FEET TUBE 5 W 6500 K,PC BATTEN, ,complete with all accessories ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.Makes:-jaquar GLAZE LED BATTEN (Cat no LGLZ01X010XW) /C&S /Crompton/bajaj or Equivalent make.	3	Nos	371.00	Rupees Three Hundred SeventyOne Only	Each	1113.00
22	Supplying & fixing DOWN LIGHT 12W Surface LED Round / Square light of Hevelis Make Having Cat No (LHEAAKP7IL1W012 / LHEAAHP7IL1W012) 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.Makes:-TRIM COSMO SURFACE ROUND/ SQUARE (Cat no LHEAAKP7IL1W012 / LHEAAHP7IL1W012)/C&S/Crompton/ bajaj or Equivalent make.	4	Nos.	1019.00	Rupees One Thousand Nineteen Only	Each	4076.00

23	Supplying & fixing Slim LED Panel 2Ft X 2Ft 40 Watt Surface mounted (having Cat No. LSVR01S040XW) made from extruded aluminium housing complete with all accessories ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.Makes:-Jaquar (Saver surface) (Cat No.LSVR01S040XW)/C&S /Crompton/ bajaj or Equivalent.	6	Nos.	3904.00	Rupees Three Thousand Nine Hundred Four Only	Each	23424.00
24	Supplying & fixing LED P 25 watt street light made up of pressure die cast aluminium housing with acrylic cover as diffuser with IP 66 Protection and impact resistance complete in all respect and to the best satisfaction of Engineer-in-charge.Makes:-Twinkle (Cat NoLuxMax -PT-SLB -25 40XW) Wipro , Bajaj, Jaquar	2	Nos.	3992.00	Rupees Three Thousand Nine Hundred NinetyTwo Only	Each	7984.00
	Total						230024.00

Draft schedule of quantity checked and approved for Rs 230024/- only.

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP)

Job- 2						Estimated Cost :- Rs.132557/- Only
						Earnest Money :- Rs.2650/- Only
						Time:- One Month
Draft Schedule of Quantity						
Name of work:- C/O VWDC at Campus of Additional District Session Judge Tehsil Sunder Nagar District Mandi (SH:- Providing E.I therein)						
S.No.	Description	Qty.	In Figure	Rate In Words	Unit	Amount
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit with modular switch, modular plates, suitable G.I box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required complete in all respect as per entire satisfaction of Engineer- in- Charge. i) Group C Make:-Havells,Finolex,RR Kable, KEI, Grandley, Plaza (grandley and plaza	6	Nos	1318.00	Each	7908.00
2	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 engineer in charge. (Computer Point) Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class).	3	Nos	1069.00	Each	3207.00
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 respect as per entire satisfaction of Engineer- in- Charge. Make:- Havells,ABB,Legrand,L&T,schneider,C&S	3	Nos	494.00	Each	1482.00
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 respect as per entire satisfaction of engineer in charge.Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class).	3	Nos	616.00	Each	1848.00
5	Supplying and 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 : Wipro / Bajaj / Phillips / (Twinkle) Lux Max / Jaquar.	4	Nos	3887.00	Each	15548.00

6	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. Make:- atomberg (Efficio), Havells (Efficia Neo), Orient (hector 500), Gold Medal (Maruti), Bajaj (efficia)	2	Nos	2818.00	Rupees Two Thousand Eight Hundred Eighteen Only	Each	5636.00
i)	Ceiling Fan 1200 mm. Cat-A						
7	Providing 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	6	Nos	281.00	Rupees Two Hundred EightyOne Only	Each	1686.00
8	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respect as per entire satisfaction of Engineer-in-Charge. i) Double pole. Cat-A Make:- Havells, ABB, Legrand, L&T, schneider, C&S	1	Nos	1320.00	Rupees One Thousand Three Hundred Twenty Only	Each	1320.00
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 respect as per entire satisfaction of Engineer-in-Charge. i) 63 Amps Cat-A Make:- Havells, ABB, Legrand, L&T, schneider, C&S	1	Nos	3931.00	Rupees Three Thousand Nine Hundred ThirtyOne Only	Each	3931.00
10	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus-bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required 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	1	Nos	2503.00	Rupees Two Thousand Five Hundred Three Only	Each	2503.00
11	Wiring for light plug with 2x1.5 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 1 No. 1.5 Sq mm. HFR/LRS/PVC insulated single core copper conductor cable for earthing as required complete in all respect as per entire satisfaction of engineer in charge. Make:- PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI./L&T	20	Metre	210.00	Rupees Two Hundred Ten Only	Per Metre	4200.00
12	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, Plaza (Grandley and plaza	15	Metre	98.00	Rupees NinetyEight Only	Per Metre	1470.00

13	Wiring for power plug with 2x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 1 No.4 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required complete in all respect as per entire satisfaction of engineer in charge. Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI./L&T.	35	Metre	324.00	Rupees Three Hundred TwentyFour Only	Per Metre	11340.00
14	Wiring for power plug with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 2 No.4 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required complete in all respect as per entire satisfaction of engineer in charge. Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI./L&T.	15	Metre	551.00	Rupees Five Hundred FiftyOne Only	Per Metre	8265.00
15	Wiring for circuit / sub-main with 2x10 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 1 No.6 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required complete in all respect as per entire satisfaction of Engineer- in- Charge. Make:-Havells, Finolex, RR Kable, KEI,Grandley, Plaza/Grandley and plaza	5	Metre	588.00	Rupees Five Hundred EightyEight Only	Per Metre	2940.00
16	Earthing with G.I earth pipe 4.5 mtr. long and 40mm dia, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required complete in all respect as per entire satisfaction of Engineer- in- Charge.	1	Set	4354.00	Rupees Four Thousand Three Hundred FiftyFour Only	Per set	4354.00
17	Extra for using salt and charcoal for G.I. or copper plate earth electrode complete as required complete in all respect as per entire satisfaction of Engineer- in- Charge.	1	Metre	1256.00	Rupees One Thousand Two Hundred FiftySix Only	Per Metre	1256.00
18	Supplying and laying 8 SWG Copper wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge.	15	Nos	40.00	Rupees Fourty Only	Each	600.00
19	Supplying and laying of Cat-6 cable of approved make as required complete in all respect and as directed by the Engineer in charge. Make:- Havells, Dlink, Legrand, KEI	40	Nos	125.00	Rupees One Hundred TwentyFive Only	Each	5000.00
20	Supplying and fixing 01 RJ-45 single for Cat-6 cable including connections, etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge.	4	Nos	597.00	Rupees Five Hundred NinetySeven Only	Each	2388.00
21	Fibre SFP Modules Single Mode (Compatible with Cisc., Ruckus, D Link, HP Switches etc.	2	Nos	9500.00	Rupees Nine Thousand Five Hundred Only	Each	19000.00
22	06 Port LIU rack Mount Cold rolled Steel with internal cable spools with loaded 6 SC Duplex Adaptors (Rack Mounted) with ABS Plastic Splice tray	2	Nos	7500.00	Rupees Seven Thousand Five Hundred Only	Each	15000.00
23	SC -LC duplex singal -mode OS2 LSZH patch cord ,3 mtr	2	Nos	1350.00	Rupees One Thousand Three Hundred Fifty Only	Each	2700.00

24	UTP 4 Pair LAN CABLE Cat 6 (D-Link)	45	Metre	125.00	Rupees One Hundred TwentyFive Only	Per Metre	5625.00
25	24 Port loaded Modular, straight UTP Cat-6 Jack panel with necessary accessories	1	Nos	3350.00	Rupees Three Thousand Three Hundred Fifty Only	Each	3350.00
	Total						132557.00

*Draft schedule of Quantity checked
and approved for RS. 1,32,557/- only.*

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

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Job-3							Estimated Cost :- Rs.211445/- Only
							Earnest Money :- Rs. 4230/- Only
							Along With Civil work
Draft Schedule of Quantity							
Name of work:- PROV. WIRING IN RENOVATED ROOF / VVIP SET NO. 1 & REPLACEMENT OF OLD GATE LIGHT, POLE LIGHT AND OTHER ELECTRICAL ACCESSORIES IN CLASS III REST HOUSE AT JAIL ROAD UNDER ESD MANDI							
S.No.	Description	Qty.	In Figure	In Words	Unit	Amount	
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq. mm HRFRLS/PVC insulated single core copper conductor cable as required complete in all respect as per entire satisfaction of Engineer-in-Charge) Group C Make :- Plaza / Finolex / Unitech/ Bonton/ KEI/ biYANI/ Gemscab/ CMI	25	1225.00	Rupees One Thousand Two Hundred TwentyFive Only	Each	30625.00	
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 respect as per entire satisfaction of Engineer-in-Charge. Make :- Plaza / Finolex / Unitech/ Bonton/ KEI/ biYANI/ Gemscab/ CMI						
i)	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	70	204.00	Rupees Two Hundred Four Only	Per Metre	14280.00	
ii)	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	5	1249.00	Rupees One Thousand Two Hundred FortyNine Only	Per Metre	6245.00	
3	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required complete in all respect as per entire satisfaction of Engineer-in-Charge. Make :- Plaza / Finolex / Unitech/ Bonton/ KEI/ biYANI/ Gemscab/ CMI	50	35.00	Rupees ThirtyFive Only	Each	1750.00	
4	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required complete in all respect as per entire satisfaction of Engineer-in-Charge. i) TV antenna socket outlet. Make :- LEGRAND(Myriu) /L&T(Entice) / Anchor/ SSK/ ABB (Similar Class)	3	135.00	Rupees One Hundred ThirtyFive Only	Each	405.00	
5	Supplying & fixing following size modular base and cover plate on the existing modular metal boxes as required complete in all respect as per entire satisfaction of Engineer-in-Charge. Make :- LEGRAND(Myriu) /L&T(Entice) / Anchor/ SSK/ ABB (Similar Class)	3	126.00	Rupees One Hundred TwentySix Only	Each	378.00	
i)	2 Module						

6	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes with 8 bar pressure rating Five star BEE rating and safety valve installation by means of expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, making good the damages, electrical connections, testing etc. complete as required complete in all respect as per entire satisfaction of Engineer- in- Charge. i) 35 Liter capacity water heater (Cat-A) Make :- Bajaj / Usha/ Bacoild	1	Nos	23729.00	Rupees TwentyThree Thousand Seven Hundred TwentyNine Only	Each	23729.00
7	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 (CMM/W) minimum 6.85, Air delivery minimum 215 CMM, 300 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote/ BLDC electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc.as required complete in all respect as per entire satisfaction of Engineer- in- Charge. i) Ceiling Fan 1200 mm sweep Make :- Bajaj / Usha / Anchor/ Havells	2	Nos	3843.00	Rupees Three Thousand Eight Hundred FortyThree Only	Each	7686.00
8	Installation of ventilating /exhaust fan in the existing opening, including making good BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor the damage, connection, testing, commissioning etc. as required Supply & Erection of Ventilating Fan) following size complete with motor,, with minimum power consumption, rigid frame with rubber mounting for silent operation, in the existing opening including cost of making the hole to suit the size of above fan making good the damage, Carriage Charges connection, testing, commissioning etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. i) Exhaust Fan, 250 mm sweep Make :- Bajaj / Usha / Anchor/ Havells .	1	Nos	2991.00	Rupees Two Thousand Nine Hundred NinetyOne Only	Each	2991.00
9	Providing and fixing following rating and breaking capacity, 4-pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. Make :- LEGRAND/ L&T / Siemens	1	Nos	23652.00	Rupees TwentyThree Thousand Six Hundred FiftyTwo Only	Each	23652.00
i)	125 Amp. Cat -A						
10	Providing and installation of following type of LED Batten with polycarbonate housing ,anti glare polycarbonate diffuser,surge protection 2.5 KV luminaire efficacy > 100lm/Watt with minimum 25000 burning hours, THD<15% in white finish and seprated energy efficient constant current, non-integral, electronic driver;relevant LM 79/80 compliance fromUN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge i) LED Batten Light 20W Make :- Twinkle / Great White / Syska/Opulus/ Bajaj/ Philips	2	Nos	649.00	Rupees Six Hundred FortyNine Only	Each	1298.00
11	Providing and fixing LED SURFACE 24 W LED 6500 K Of (HavellsTrim Cosmo surface Square/ Round Panel) Make having cat No LHEAABP7IL1W024) (LHEAABP7IN1W024) with aluminium die cast housing of superior quality complete with Connection,testing commissioning as required complete in all respect as per entire satisfaction of the Engineer in charge Make :- Twinkle / Great White / Syska/Opulus/ Bajaj/ Philips	2	Each	1196.00	Rupees One Thousand One Hundred NinetySix Only	Each	2392.00

12	Supplying & fixing DOWN LIGHT 12W Surface LED Round / Square light of Hevelis Make Having Cat No (LHEAAKP71L1W012 / LHEAAHP71L1W012) 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,Jaquar	6	Nos	649.00	Rupees Six Hundred FortyNine Only	Each	3894.00
13	Providing & Laying of one number aluminium conductor, PVC insulated and PVC sheathed armoured/ XLPE power cable, 1.1 KV grade of following sizes direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required,complete in all respect as per entire satisfaction of Engineer- in- Charge. i) Armoured cable 6 sq. mm (twin core) Make :-Universal / KEI/ Gemscab/ CMI	30	Metre	466.00	Rupees Four Hundred SixtySix Only	Per Metre	13980.00
14	Providing and fixing mirror Light comprising of cylindrical opal glass complete with all accessories , connection , commissioning as reqd. complete in all respect as per entire satisfaction of engineer in charge. Make :-JNL-BRG-WLCYNDSE14)C&S/ Crompton / Bajaj, or its equivalent)	1	Nos	1844.00	Rupees One Thousand Eight Hundred FortyFour Only	Each	1844.00
15	Providing and fixing wall bracket fitting single lamp with opal glass nickle finishing wall lamp holder cap E27 complete with all accessories connection ,testing & commissioing as reqd. complete in all respect as per entire satisfaction of engineer in charge. Make :-Wipro , Bajaj, Jaquar, Twinkle	2	Nos	2216.00	Rupees Two Thousand Two Hundred Sixteen Only	Each	4432.00
16	S/F hint bed side bracket WH3K LED double side light philips make superior illumination classic anthracite premium aluminium optimum performance with all accessories connection , testing commissioning as reqd. complete in all respect as per entire satisfaction of engineer in charge. Make :-Wipro , Bajaj, Jaquar, Twinkle	2	Nos	3757.00	Rupees Three Thousand Seven Hundred FiftySeven Only	Each	7514.00
17	S/F hint bed side WH3K LED warm white standard philips makesuperior illumination classic anthracite premium aluminium optimum performance with accessories connection , testing commissioning as reqd. complete in all respect as per entire satisfaction of engineer in charge. Make :-Wipro , Bajaj, Jaquar, Twinkle	4	Nos	1872.00	Rupees One Thousand Eight Hundred SeventyTwo Only	Each	7488.00
18	S/F gate light 40 Watt GENIUS LED Post top fixture cat no. Luxmax PT -153 COLOUR TEMP. NW - 4000K are made out of spun alum , top & die cast alum base , power LED ,s mounted on metal clad PCB are finally directly mounted on extruded / die cast aluminium heat sinks . Athermoformed PC diffuser is provided in clear , opal and prismatic finish as optional. complete with all accessories connection , testing and commisioning etc as required,complete in all respect as per entire satisfaction of Engineer- in- Charge Make :-Wipro , Bajaj, Jaquar, Twinkle	2	Nos	8085.00	Rupees Eight Thousand EightyFive Only	Each	16170.00
19	S/F EMPEROR LED 40 watt Post op fixture are made of die cast alum. Housing with twin die cast aluminium arms are provided to support the housing . power LED's mounted on metal clad PCB's are finally directly mounted on extruded / die cast aluminium heat sink . A UV stabilized PC diffuser is provide=ded for glare free light ting with visual comfort . lighting column may selected as reqd. having cat no. LuxMax -PT-181 colour temp. CW 5500 k complete with all accessories connection , testing and commisioning etc as required complete in all respect as per entire satisfaction of Engineer-in- Charge. Make :-Wipro , Bajaj, Jaquar, Twinkle	1	Nos	26424.00	Rupees TwentySix Thousand Four Hundred TwentyFour Only	Each	26424.00
20	Supplying & fixing LED P 25 watt street light made up of pressure die cast aluminium housing with powder coated with weather proof gasket ensuring IP 66 heat resistance toughened glass high efficiency street lighting lensess complete in all respect and to the best satisfaction of Engineer-in-charge. Make :-Bajaj/ Twinkle / Great white / SYSKA/ May Fair Philips.	2	Nos	3520.00	Rupees Three Thousand Five Hundred Twenty Only	Each	7040.00

21	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 :- LEGRAND(Myriu) /L&T(Entice) / Anchor/ SSK/ ABB (Similar Class)	2	Nos	102.00	Rupees One Hundred Two Only	Each	204.00
22	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required, complete in all respect as per entire satisfaction of Engineer- in- Charge. Make :- LEGRAND(Myriu) /L&T(Entice) / Anchor/ SSK/ ABB (Similar Class)	3	Nos	208.00	Rupees Two Hundred Eight Only	Each	624.00
23	Prov. & fixing stand for ac stand outdoor unit as required complete in all respect as per entire satisfaction of Engineer- in- Charge.	1	Nos	1200.00	Rupees One Thousand Two Hundred Only	Each	1200.00
24	Installation charge of AC i/c connection , testing , commissioning etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge.	1	Nos	1600.00	Rupees One Thousand Six Hundred Only	Each	1600.00
25	Refilling of with R22 gas as required, complete in all respect as per entire satisfaction of Engineer- in- Charge.	1	Nos	2900.00	Rupees Two Thousand Nine Hundred Only	Each	2900.00
26	Installation charge of geyser i/c nuts, bolts, and CP pipes , connection , testing , commissioning etc. as required, complete in all respect as per entire satisfaction of Engineer- in- Charge.	1	Nos	700.00	Rupees Seven Hundred Only	Each	700.00
	Total						211445.00

Draft schedule of quantity checked and approved for Rs 211445/- only

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP)



Job-4						Estimated Cost :- Rs.183248/- Only
						Earnest Money :- Rs.3665/- Only
						Along With Civil work
Draft Schedule of Quantity						
Name of work:- Providing rewiring in type II 2 No. qtrs at Jail Road Mandi Distt. Mandi (H.P.)						
S.No.	Description	Qty.	In Figure	Rate In Words	Unit	Amount
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required complete in all respect as per entire satisfaction of engineer in charge. i). Group A. Make:- Anchor,AKG,RKG,Precision Pipes,Diplast	36	Nos	879.00 Rupees Eight Hundred SeventyNine Only	Each	31644.00
2	Wiring for twin control light point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in PVC casing & capping, with 2-way, 5/6 amps piano type switch 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:- Anchor,AKG,RKG,Precision Pipes,Diplast	2	Nos	1919.00 Rupees One Thousand Nine Hundred Nineteen Only	Each	3838.00
3	Wiring for circuit / sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in PVC casing & capping along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required complete in all respect as per entire satisfaction of engineer in charge. Make:- Havells,Finolex,RR Kable,KEI,Grandley,Plaza(Grandley and plaza					
i)	2x1.5 Sq. mm.	70	Metre	326.00 Rupees Three Hundred TwentySix Only	Per Metre	22820.00
ii)	2x4.0 Sq. mm.	44	Metre	456.00 Rupees Four Hundred FiftySix Only	Per Metre	20064.00
ii)	2x6.0 Sq. mm.	6	Metre	606.00 Rupees Six Hundred Six Only	Per Metre	3636.00
4	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 PVC casing & capping along with 2 No.4 Sq.mm.(4x4+2x4) HRFRLS/PVC insulated single core copper conductor cable for earthing as required complete in all respect as per entire satisfaction of engineer in charge. Make:- Havells,Finolex,RR Kable,KEI,Grandley,Plaza(Grandley and plaza	30	Metre	745.00 Rupees Seven Hundred FortyFive Only	Per Metre	22350.00

5	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. Make:- Havells, Finolex, RR	10	Metre	111.00	Rupees One Hundred Eleven Only	Per Metre	1110.00
	Kable, KEI, Grandley, Plaza (grandley and plaza)						
i)	PVC insulated HFRF LS Copper conductor 3x1.5Sq. mm.						
6	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required complete in all respect. as per entire satisfaction of engineer in charge.	2	Set	6649.00	Rupees Six Thousand Six Hundred FortyNine Only	Per Set	13298.00
7	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.	20	Metre	45.00	Rupees FourtyFive Only	Metre	900.00
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, ABB, Legrand, L&T, schneider, C&S	8	Nos	622.00	Rupees Six Hundred TwentyTwo Only	each	4976.00
9	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 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, ABB, Legrand, L&T, schneider, C&S	10	Nos	406.00	Rupees Four Hundred Six Only	each	4060.00
10	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required complete in all respect. as per entire satisfaction of engineer in charge. Make:- Havells, ABB, Legrand, L&T, schneider, C&S	4	Nos	126.00	Rupees One Hundred TwentySix Only	Nos	504.00
i)	1 or 2 Module						
11	Supplying and fixing following rating Plano-type switch /socket on the existing switch box / cover including connections etc. as required. Make:- Havells, ABB, Legrand, L&T, schneider, C&S						
i)	S.P. 5/ 6 Amps one way switch, Modular Type	4	Nos	75.00	Rupees SeventyFive Only	Nos	300.00
ii)	6 pin 5/6 Amps socket outlet, Modular Type	4	Nos	125.00	Rupees One Hundred TwentyFive Only	Nos	500.00
iii)	S.P. 5/ 6 Amps two way switch, Modular Type	4	Nos	119.00	Rupees One Hundred Nineteen Only	Nos	476.00
iv)	TV Point Socket	2	Nos	135.00	Rupees One Hundred ThirtyFive Only	Nos	270.00
v)	Bell push, Modular Type	2	Nos	124.00	Rupees One Hundred TwentyFour Only	Nos	248.00

12	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:-avells, ABB, Legrand, L&T,schneider,C&S	16	Nos	315.00	Rupees Three Hundred Fifteen Only	Nos	5040.00
13	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:-avells, ABB, Legrand, L&T,schneider,C&S	2	Nos	1549.00	Rupees One Thousand Five Hundred FortyNine Only	Nos	3098.00
14	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with linned copper bus- bar, wire-set, neutral link, earth bar, detachable gland plate, blanking plate, cable identification labels interconnections, phosphatized and powder painted, including earthing etc. as required complete in all respect. as per entire satisfaction of engineer in charge. i) Double door-12 way Make:-avells, ABB, Legrand, L&T, schneider, C&S	2	Nos	3152.00	Rupees Three Thousand One Hundred Fifty Two Only	Nos	6304.00
15	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/MMW) minimum 6.85, Air delivery minimum 215 CMM, 300 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote/ BLDC electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required complete in all respect. as per entire satisfaction of engineer in charge.i) Ceiling Fan 1200 mm sweep Make:-atomberg (Efficio), Havells (Efficia Neo), Orient (hector 500), Gold Medal (Maruti), Bajaj (efficia)	4	Nos	3843.00	Rupees Three Thousand Eight Hundred FortyThree Only	Nos	15372.00
16	roviding and installation exhaust fan of following sizes in the existing opening, Double ball bearing type metal frame including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. a as required complete in all respect. as per entire satisfaction of engineer in charge. Approved Make Domestic type. i) Exhaust Fan, Light duty, (Domestic) 225/230 mm sweep Make:-atomberg ,Havells,Orient,Gold Medal,Bajaj	4	Nos	2216.00	Rupees Two Thousand Two Hundred Sixteen Only	Nos	8864.00
17	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required complete in all respect. as per entire satisfaction of engineer in charge. Make :- Anchor / Cona / ESS ESS KAY	2	Nos	208.00	Rupees Two Hundred Eight Only	Nos	416.00
18	Providing and fixing mirror Light comprising of cylindrical opal glass complete with all accessories , connection , commissioning as required complete in all respect. as per entire satisfaction of engineer in charge. Make :- Jaquar	2	Nos	368.00	Rupees Three Hundred SixtyEight Only	Nos	736.00

19	Supplying and fixing bakelite batten/angle holder including connections etc. as required complete in all respect. as per entire satisfaction of engineer in charge. Make :- Anchor / Cona / ESS ESS KAY	16	Nos	208.00	Rupees Two Hundred Eight Only	Nos	3328.00
20	Providing and installation of following type of LED Batten with polycarbonate housing .anti glare polycarbonate diffuser,surge protection 2.5 KV luminaire efficacy > 100lm/Watt with minimum 25000 burning hours,THD<15% in white finish and seprated energy efficient constant current, non-integral, electronic driver;relevant LM 79/80 complainece fromUN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz. complete with all accessories, connections, testing etc as required complete in all respect. as per entire satisfaction of engineer in charge. Approved i) LED Batten Light 20W Make Make :- Twinkle / Great White / Syska/Opulus/ Bajaj/ Philips	8	Nos	649.00	Rupees Six Hundred FortyNine Only	Nos	5192.00
21	Supplying and fixing LED Lamp 5 watt LTHPLEDLAMP5W/B22 C & S make including connections, testing and commissioning etc. as required complete in all respects and as directed by the Engineer-in- Charge. Make :- Twinkle / Great White / Syska/Opulus/ Bajaj/ Philips	16	Nos	244.00	Rupees Two Hundred FortyFour Only	Nos	3904.00
	Total						183248.00

Draft schedule of Quantity checked and approved for Rs 183248/- only

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



Job-5					Estimated Cost:- Rs.263679 /-only.	
					Earnest Money :- Rs5275/-only.	
					Time :- Along with civil work.	
Draft Schedule of Quantity						
Name of work:-Replacement of electrical fixtures and accessories during visit of Hon'ble Chief Minister of Himachal Pradesh on the occasion of Ambassadors meet and Dussehra festival at HP PWD Rest House Mohal.						
Sr. No.	Description	Qty.	In figure	In words	Units	Amount
1	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/MMW) minimum 6.85, Air delivery minimum 215 CMM, 300 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote/ BLDC electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required complete in all respects per entire satisfaction of the Engineer in charge. i) Ceiling Fan 1200 mm Make:- atomberg (Efficio), Havells(Efficia Neo), Orient(hector 500), Gold Medal (Maruti), Bajaj(efficia)	1 Nos	3843.00	Rupees Three Thousand Eight Hundred FourtyThree Only	Each	3843.00
2	Providing and installation exhaust fan of following sizes in the existing opening, Double ball bearing type metal frame including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required complete in all respects per entire satisfaction of the Engineer in charge. i) Exhaust Fan, Heavy duty, 450 mm sweep (1400rpm) Make:- atomberg, Havells, Orient, Gold Medal, Bajaj	1 Nos.	5612.00	Rupees Five Thousand Six Hundred Twelve Only	Each	5612.00
3	Providing and installation exhaust fan of following sizes in the existing opening, Double ball bearing type metal frame including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required complete in all respects per entire satisfaction of the Engineer in charge. i) Exhaust Fan, Light duty, (Domestic) 225/230 mm sweep Make:- atomberg, Havells, Orient, Gold Medal, Bajaj	4 Nos.	2216.00	Rupees Two Thousand Two Hundred Sixteen Only	Each	8864.00

4	Providing and installation of following type of LED Batten with PDC/CRCA housing(aluminium extrusion) .anti glare polycarbonate diffuser,surge protection 4 KV luminaire efficacy > 110lm/Watt with minimum 50000 burning hours,THD<15% in white finish industrial grade IP 40 rated and seprated energy efficient constant current, non-integral, electronic driver;relevent LM 79/80 complaiance fromUN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required complete in all respectas per entire satisfaction of the Engineer in charge. i) LED Batten Light 36/40W Make:- bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Chengi	22	Nos.	2268.00	Rupees Two Thousand Two Hundred SixtyEight Only	Each	49896.00
5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required complete in all respectas per entire satisfaction of the Engineer in charge. Make:- Havells, ABB, Legrand, L&T,schneider,C&S						0.00
i)	5/6 amps switch	45	Nos.	75.00	Rupees SeventyFive Only	Each	3375.00
ii)	2 way 5/6 A switch	9	Nos.	119.00	Rupees One Hundred Nineteen Only	Each	1071.00
iii)	15/16 A switch	11	Nos.	146.00	Rupees One Hundred FourtySix Only	Each	1606.00
iv)	3 pin 5/6 A socket outlet	13	Nos.	125.00	Rupees One Hundred TwentyFive Only	Each	1625.00
v)	6 pin 15/16 A socket outlet	11	Nos.	200.00	Rupees Two Hundred Only	Each	2200.00
vi)	Bell push	14	Nos.	124.00	Rupees One Hundred TwentyFour Only	Each	1736.00
6	Supplying & fixing following size modular base and glass cover plate on the existing modular metal boxes as required complete in all respectas per entire satisfaction of the Engineer in charge. Make:-Havells (REO) (Athena), Goldmedal (Air) (GIFa), Anchor (Penta) ,Legrand (arteor),L&T(Entice)						0.00
i)	2 modules	8	Nos.	776.00	Rupees Seven Hundred SeventySix Only	Each	6208.00
ii)	4 modules	15	Nos.	1282.00	Rupees One Thousand Two Hundred EightyTwo Only	Each	19230.00
iii)	6 modules	8	Nos.	1717.00	Rupees One Thousand Seven Hundred Seventeen Only	Each	13736.00
iv)	8 modules (V)	4	Nos.	1941.00	Rupees One Thousand Nine Hundred FourtyOne Only	Each	7764.00
v)	12 modules	3	Nos.	2296.00	Rupees Two Thousand Two Hundred NinetySix Only	Each	6888.00

7	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required complete in all respects per entire satisfaction of the Engineer in charge. Make:- Havells, Finolex,RR Kable,KEI,Grandley,Plaza(grandley and plaza	40	Mtr.	111.00	Rupees One Hundred Eleven Only	Each	4440.00
i)	3 x 1.5 sq. mm	40	Mtr.	249.00	Rupees Two Hundred FortyNine Only	Each	9960.00
ii)	3 x 4.0 sq. mm	5	Nos.	425.00	Rupees Four Hundred TwentyFive Only	Each	2125.00
8	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required complete in all respects per entire satisfaction of the Engineer in charge. Make:-Havells (REO) (Athena), Goldmedal (Air) (GIFa), Anchor (Penta) ,Legrand (arteor),L&T(Entice)	6	Nos.	1666.00	Rupees One Thousand Six Hundred SixtySix Only	Each	9996.00
9	Providing and installation of following type of Surface mounting round type LED Downlight with PDC/CRCA housing ,anti glare polycarbonate diffuser,surge protection 2.5 KV luminaire efficacy > 100 lm/Watt with minimum 50000 burning hours, THD<15% in white finish and seprated energy efficient constant current, non-integral, electronic driver;relevant LM 79/80 compliance from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required complete in all respects per entire satisfaction of the Engineer in charge. i) Round LED Down Light 12W Surface. Make:- bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Chengi	30	Nos.	179.00	Rupees One Hundred SeventyNine Only	Each	5370.00
10	Providing and fixing LED BULB 5 W B22 / E27/E14 base cap connections, etc. as required complete in all respects per entire satisfaction of the Engineer in charge. Make:- bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Chengi	4	Nos.	3017.00	Rupees Three Thousand Seventeen Only	Each	12068.00
11	Supplying & fixing wall bracket fitting single lamp with Opal glass with chrome finishing Wall Lamp, holder cap E14 , complete with all accessories ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Make:- bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Chengi	4	Nos.	4559.00	Rupees Four Thousand Five Hundred FiftyNine Only	each	18236.00
12	Supplying & fixing wall bracket fitting Double lamp with Opal glass with chrome finishing Wall Lamp, holder cap E14 , complete with all accessories ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Make:- bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Chengi						

13	Supplying & fixing Mirror light comprising of 2 light clear glass with chrome finish wall lamp inside frosted 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:- bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Chengi	2	Nos.	15563.00	Rupees Fifteen Thousand Five Hundred SixtyThree Only	Each	31126.00
14	Supplying & fixing Bed light comprising of 1 light ivory fabric shade chrome finish wall lamp inside complete with all accessories ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Make:- bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Chengi	8	Nos.	4588.00	Rupees Four Thousand Five Hundred EightyEight Only	Each	36704.00
							263679.00

Draft schedule of quantity checked and approved for Rs 2,63,679/- only

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

[Signature]

Job-6		Estimated Cost:- Rs. 437476/-only.				
		Earnest Money :- Rs.8750/-only.				
		Time :- Along with civil work.				
Draft Schedule of Quantity						
Name of work:- Construction of 2 No type 3 Qtr for HPPWD Manali at Katrain District Kullu (H.P) (SH:- Providing E. I to 2nd Floor there in)						
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 (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required complete in all respects per entire satisfaction of the Engineer in charge. i) Group A Makes:plaza, havells, finolex, KEI, AKG, RKG, ANCHOR, Diplast	56 Nos	879.00	Rupees Eight Hundred SeventyNine Only	Each	49224.00
2	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq mm. FRLS PVC insulated copper conductor single core cable etc.as required complete in all respects per entire satisfaction of the Engineer in charge. Makes:plaza, havells, finolex, KEI, AKG, RKG, ANCHOR, Diplast	8 Nos	1254.00	Rupees One Thousand Two Hundred FiftyFour Only	Each	10032.00
3	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 Makes:plaza, havells, finolex, KEI					
i)	2x1.5 Sq. mm.	180 Metre	204.00	Rupees Two Hundred Four Only	Per Metre	36720.00
ii)	2x4.0 Sq. mm.	160 Metre	335.00	Rupees Three Hundred ThirtyFive Only	Per Metre	53600.00
iii)	2x10 Sq. mm.	20 Metre	664.00	Rupees Six Hundred SixtyFour Only	Per Metre	13280.00
4	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required complete in all respects per entire satisfaction of the Engineer in charge. Makes:- plaza, havells, finolex, KEI					0.00
i)	3x1.5 Sq. mm.	40 Metre	111.00	Rupees One Hundred Eleven Only	Per Metre	4440.00
ii)	3x4.0 Sq. mm.	100 Metre	249.00	Rupees Two Hundred FourtyNine Only	Per Metre	24900.00

5	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required complete in all respects per entire satisfaction of the Engineer in charge. Makes: havells, goldmedal, nanchor, I&t	36	Nos	406.00	Rupees Four Hundred Six Only	Each	14616.00
6	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required complete in all respects per entire satisfaction of the Engineer in charge. Make:- havells,goldmedal,anchor,I&t	14	Nos	622.00	Rupees Six Hundred TwentyTwo Only	Each	8708.00
7	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.Makes: havells,goldmedal,anchor,I&t	24	Nos	315.00	Rupees Three Hundred Fifteen Only	Each	7560.00
8	Supplying and fixing following rating, followings poles 10ka 240/415v '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) 63 A DP Makes:havells,goldmedal,anchor,I&t	2	Nos	1549.00	Rupees One Thousand Five Hundred FourtyNine Only	Each	3098.00
9	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required complete in all respects per entire satisfaction of the Engineer in charge. i) 63 Amps.(Category-A) Makes: havells, goldmedal, anchor,I&t	2	Nos	4249.00	Rupees Four Thousand Two Hundred FourtyNine Only	Each	8498.00
10	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc.as required complete in all respects per entire satisfaction of the Engineer in charge.. (But without MCB /RCCB /Isolator) i) 8 way , Double door Makes:-havells,goldmedal,anchor,I&t	4	Nos	2650.00	Rupees Two Thousand Six Hundred Fifty Only	Each	10600.00
11	Providing and installation of following type of LED Batten with PDC/CRCA housing(aluminium extrusion) .anti glare polycarbonate diffuser,surge protection 4 KV luminaire efficacy > 110lm/Watt with minimum 50000 burning hours, THD<15% in white finish industrial grade IP 40 rated and seprated energy efficient constant current, non-integral, electronic driver;relevant LM 79/80 compliance fromUN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required complete in all respects per entire satisfaction of the Engineer in charge. i) LED Batten Light 20W Makes:havells,goldmedal,anchor,wipro,philips	6	Nos	1564.00	Rupees One Thousand Five Hundred SixtyFour Only	Each	9384.00

12	Providing and installation exhaust fan of following sizes in the existing opening, Double ball bearing type metal frame including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required complete in all respects per entire satisfaction of the Engineer in charge. i) Exhaust Fan, Light duty, (Domestic) 300 mm sweep. Makes:havells,goldmedal,orient,bajaj	6	Nos	2565.00	Rupees Two Thousand Five Hundred SixtyFive Only	Each	15390.00
13	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required complete in all respects per entire satisfaction of the Engineer in charge. Makes:havells,goldmedal,anchor,wipro,philips	2	Nos	208.00	Rupees Two Hundred Eight Only	Each	416.00
14	Providing and installation of following type of Surface mounting round type LED Downlight with PDC/CRCA housing, anti glare polycarbonate diffuser, surge protection 2.5 KV luminaire efficacy > 100 lm/Watt with minimum 50000 burning hours, THD<15% in white finish and separated energy efficient constant current, non-integral, electronic driver; relevant LM 79/80 compliance from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required complete in all respects per entire satisfaction of the Engineer in charge. Makes: havells, goldmedal, anchor, wipro, philips					Each	0.00
i)	Round LED Down Light 6W Surface	12	Nos	1470.00	Rupees One Thousand Four Hundred Seventy Only	Each	17640.00
ii)	Round LED Down Light 12W Surface	28	Nos	1666.00	Rupees One Thousand Six Hundred SixtySix Only	Each	46648.00
15	Providing and installation of following type of LED Bulk Head with PDC/CRCA housing (aluminium extrusion), anti glare polycarbonate diffuser, surge protection 2 KV luminaire efficacy > 85lm/Watt with minimum 50000 burning hours, THD<15% in white finish industrial grade IP 65 rated and separated energy efficient constant current, non-integral, electronic driver; relevant LM 79/80 compliance from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required complete in all respects per entire satisfaction of the Engineer in charge. i) LED bulk head Light 10W Makes:-havells, goldmedal, anchor, wipro, philips	4	Nos	1157.00	Rupees One Thousand One Hundred FiftySeven Only	Each	4628.00
16	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. Makes:- Havell's STYLO (Cat no.LHFOECE1TZ10014)/C&S/goldmedal/bajaj or Equivalent make.	10	Nos	923.00	Rupees Nine Hundred TwentyThree Only	Each	9230.00

17	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/MMW) minimum 6.85, Air delivery minimum 215 CMM, 300 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote/ BLDC electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.i) Ceiling Fan 1200 mm. makes: havells, goldmedal, anchor, wipro,philips	8	Nos	3843.00	Rupees Three Thousand Eight Hundred FortyThree Only	Each	30744.00
18	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required complete in all respectas per entire satisfaction of the Engineer in charge. i) TV antenna socket outlet. Makes:hav ells,goldmedal,anchor	12	Nos	135.00	Rupees One Hundred ThirtyFive Only	Each	1620.00
19	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required complete in all respectas per entire satisfaction of the Engineer in charge. Makes:havells,goldmedal,anchor	50	Metre	35.00	Rupees ThirtyFive Only	Per Metre	1750.00
20	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes with 8 bar pressure rating Five star BEE rating and safety valve installation by means of expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, making good the damages, electrical connections, testing etc. complete as required complete in all respectas per entire satisfaction of the Engineer in charge. makes : havells /racold/goldmedal/bajaj/aquaur/ equivalent						0.00
i)	10 Liter capacity water heater (Cat-A)	2	Nos	12285.00	Rupees Twelve Thousand Two Hundred EightyFive Only	Each	24570.00
ii)	25 Liter capacity water heater (Cat-A)	2	Nos	15090.00	Rupees Fifteen Thousand Ninety Only	Each	30180.00
	Total						437476.00

Draft schedule of quantity checked and approved for Rs 437,476/- only

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

Job- 						Estimated Cost:- Rs. 102428/-only.	
						Earnest Money :- Rs.2050/-only.	
						Time :- One Month	
Draft Schedule of Quantity							
Name of work:- Providing and Installation of 40 KVA DG SET in Deputy Director treasury office cum residence building at Khaliyar Distt. Mandi (H.P) (SH):- Providing 2 Nos earthing ,shed and pathway therein)							
Sr. No.	Description	Qty.	In figure	In words	Units	Amount	
1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar as required, complete in all respect as per entire satisfaction of Engineer- in- Charge.	250	107.45	Rupees One Hundred Seven Paise FortyFive Only	Per Kg	26862.50	
2	Providing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with whitelead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. 0.63 mm thick with zinc coating not less than 275 gm/ m ²	15	837.30	Rupees Eight Hundred ThirtySeven Paise Thirty Only	Per Sq Metre	12559.50	
3	Supply, Erection, Installation and Commissioning of UniEarth Maintenance free chemical earthing system consisting of environment friendly ground enhancing compound 'G.E.C' 50 kg or as required at site having anticorrosive and hygroscopic properties to replace excavated soil. It should consist of "Uniearth" Copper bonded electrodes, as per site conditions and soil resistivity at various depth levels and different terrains. The electrodes should have coating of 250 microns of molecularly bonded pure electrolytic copper (99.9%) in 2 metre length, 17.2 mm diameter, Terminal joint 200x25x6mm GI Strip with exothermic welds. The electrode should be duly tested and certified by CPRI for 30 kA short time current test for 1 sec rms, complete as required complete in all respect as per entire satisfaction of Engineer- in- Charge	2	24943.00	Rupees TwentyFour Thousand Nine Hundred FortyThree Only	Per Set	49886.00	
4	Providing and fixing 4.00 mm dia copper wire on surface or in recess for earthing as required, complete in all respect as per entire satisfaction of Engineer- in- Charge.	80	164.00	Rupees One Hundred SixtyFour Only	Per Metre	13120.00	
	Total					102428.00	

Draft schedule of quantity checked and approved for Rs 102428/-only

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