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HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No:- PW-Elect. MND-TA-NIT/2025:- 6102-6116 Dated:- 06-01-2026

To

The Executive Engineer (IT Cell),
Nirman Bhawan, Nigam Vihar, Shimla-2

Subject: - Publishing of tender Notice.

Sir,

Enclosed please find herewith the tender notice a/w schedule of quanitity of work as given in the Notice Inviting Tender for uploading on Department website as Per Notification No.Pr. Secy. (PW), to the Govt. of H.P. letter No.PBW(B) A(3)1/2020 dated Shimla-2 the 16th July, 2021 as the work mentioned in the tender notice are urgent in nature and in public interest.

DA:- Notice Inviting Tender.

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

Copy forwarded to the following for information please.

1. The Engineer-in-Chief, HP.PWD., Nirman Bhawan, Nigam Vihar Shimla-1.
2. The Deputy Commissioner, Mandi Distt. Mandi H.P.
3. The Chief Engineer (MZ), HP.PWD., Mandi.
4. The Superintending Engineer 1st Electrical Circle, HP.PWD., Shimla H.P.
5. The Executive Engineer (IT) O/o Engineer-in-Chief, HP.PWD., Shimla through email (eeict-pwd-shi@hp.gov.in) a/w copies of schedule of quantities for uploading the same on HP.PWD., web portal.
6. The Sub-Divisional Officer (Civil) Mandi Distt. Mandi H.P.
7. All the Assistant Engineer (Electrical), under this Division.
8. All the Head of Branches in this office.
9. Notice Board.

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

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HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
"NOTICE INVITING TENDER"

Sealed **Percentage rate** tender on form **"6&8"** are invited by the Executive Engineer, Electrical Division, H.P.PWD. Mandi for the following work from the approved and eligible contractors enlisted in H.P.PWD. Electrical (Wing) Department, so as to reach in his office on or before **16.01.2026 upto 11.00 A.M.** and will be opened on the same day at **3.00 P.M.** in the presence of interesting contractors or their authorized representatives who may like to be present. If it happen to be holiday the tenders will be open on next working day. The application for obtaining the tender form will be received up to **11:00 A.M. on 16.01.2026** and EMD should be attached during the submission of application for obtaining the tender form, without Earnest Money & Cost of tender form, the application will not be accepted.

The earnest money in the shape of FDR National Saving Certificate/Time deposit accounts/Saving account in any of the Post Office and Banks of Himachal Pradesh duly pledged in favour of the Executive Engineer must accompany with each tender. Conditional tender and the tender received without earnest money will summarily be rejected. The earnest money should be attached with application. The offer of the tender shall be kept open for **90 days**. The Executive Engineer reserves the right to reject the tender without assigning any reason:-

Sr. No.	Name of Work	Estimated Cost	EMD	Cost of tender	Eligible Class of Contractor	Time limit
1	Annual Repair and maintenance (AMC) of 125 KVA DG Set at HPPWD B&R 1st Circle Jail Road Mandi Under ESD Mandi for the period of One Year	98,000	2000	350	C&D	One Year
2	Annual Repair and maintenance (AMC) of 100 KVA DG Set installed at HPPWD B&R Chief office building at Jail Road Mandi Under ESD Mandi for for the period of One Year	97,250	2000	350	C&D	One Year
3	Providing E.I. in Renovating Health Sub Center Chowk at Baldwar Tehsil Sarkaghat Distt Mandi (HP)	95,122	1900	350	C&D	A/w Civil work
4	R/M of E.I. various N/R building at SLBSGMC&H at Nerchowk in Mandi (SH:- Replacement of damaged primary control of Hospital building)	97,256	2000	350	C&D	One Year
5	C/O Middle School Building at Naulakha Tehsil Sunder Nagar, District Mandi HP. SH:- Providing E.I.in 1st Floor therein.).	82,563	1700	350	C&D	A/w Civil work
6	Special Repair of Kitchen and Chowkidar Room at Rest House HPPWD Larji Distt. Kullu (SH:- Prov. E.I. therein).	99,828	2000	350	C&D	Two Month
7	Providing and fixing AMF panel and 6 core flexible cable for connection of 20 KVA DG at NCC Hanger Kullu Airport Bhunter Distt. Kullu (HP).	96,760	1950	350	C&D	One Month
8	Providing and laying of steel conduit (Basement 2 & First Floor) at Judicial Court Complex Banjar Distt. Kullu (HP).	98,430	2000	350	C&D	A/w Civil work
9	Repair maintenance of Spilt type AC in various Govt. Non-Residential building in Distt. Kullu under Electrical Sub Division HPPWD. Kullu(HP).	99,650	2000	350	C&D	One Month
10	Replacement of LED Post Top and armoured cable in Old Rest House Janjehali and Bagsaid Rest House Tehsil Thunag Distt. Mandi (HP).	81,631	1650	350	C&D	One Month
11	R/M of E.I. in various N/R Building under ESD Mandi Distt. Mandi (HP). (SH:-Providing LED downlights in Shed for pathway and other accessories in Circuit House therein.	87,712	1800	350	C&D	One Month
12	Annual repair and maintenance of various Air Condtioner installed in N/R Building under Electrical Sub Division Mandi H.P. for the period of One year (SH:- AMC of air conditioner installed in Circuit House Mandi & R/H Pandoh).	99,000	2000	350	C&D	One Year
13	R/M of E.I. in various Govt. non residential building in Local section-II under ESD Mandi. Distt. Mandi (HP).	82,447	1650	350	C&D	One Year
14	C/O Sub Tehsil Office at Mandap Tehsil Dharmpur Distt. Mandi (HP). Ground and First Floor. (SH:-Prov. E.I. there in.)	98,839	2000	350	C&D	A/w Civil work

It is, certified that the above tenders i.e. Sr. No. 1 to 13 is of very Urgent Nature, so may be uploaded on department website in public interest.

Note:- The Contractors/Firms should possess the following documents (Photo copy to be attached).

1. The Contractor/Firm should be enlisted with the HP.PWD. Electrical (Wing) Department having valid Electrical License & Registration/Renewal copy attached.
2. The tender forms will not be issued to those contractors whose performance is not found satisfactory.
3. The list of similar type of work executed and work done performance certificate issued by the concerned Executive Engineer required to be produced by the contractor along with application.
4. **Only two tenders shall be issued to each contractor.**
5. 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.
6. The contractor will not have more than two works in hand at the time of tender and only up to completion of work satisfactory including adherence to quality parameters further work will be awarded to him. All undertaking/affidavit along with application that he is not having more than two works in hand in HP.PWD for execution failing which the application for issuing the tender forms shall not be accepted.
7. The contractor/firm shall be issued tenders on the production of valid GST/EPF/Income Tax clearance certificate/copy attached.
8. 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 HP.PWD., Department (Electrical).
9. As per Govt. Notification No.PBW (B)A(3)1/2020-I dated 07.10.2021, in case the tendered amount of the lowest bidder comes more than 5% in 1st call the negotiation can be conducted with him but the negotiated amount should remain within 5% of the amount put to tender (on market rate).

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

(1)

	Job-			Estimated Cost:- Rs.98000/-only.
				Earnest Money :- Rs.2000/-only.
				Time :- One Year

Draft Schedule of Quanitity

Name of Work:-Annual repair and maintenance (AMC) of 125 KVA DG Set at HPPWD B&R 1st Circle at Jail Road Mandi under ESD Mandi for the peirod of one year.

Sr. No.	Description	Qty.	Units	Estimated rate with all taxes includng GST etc. In Rs. P	Total amount with all taxes including GST etc. In Rs. P	Total amount with all texes including GSTetc. In words
	Annual maintenance contract of 125 KVA DG Set at HPPWD B&R 1st Circle at Jail Road Mandi For the period of one year . The scope of work will include the following :-					
1	Inspection of DG Set i/c alternator , engine , AMF Panel (12 Nos. visits @ 1 no. per month					
2	Servicing of DG Set (3 nos. per year i/c checking of batteries , AMF Panel etc.					
3	Replacement of spin lubricating oil filter cartage - 2 nos.					
4	Replacement of fuel filter element primary - 2 nos.					
5	Replacement of fuel filter element Secondary - 2 nos.					
6	Replacement of coolant - 3 ltrs for each service					
7	Replacement of engine oil - 22 ltrs for each service					
8	Replacement of main element for air cleaner - 1 no.					
9	Replacement of fan belt - 1 no.					
10	Replacemnet of rubber hose cleaner as and when reqd.					
11	Replacemnet of hose radiator to engine as and when reqd.					
12	Replacemnet of hose engine to radiatoras and when reqd.					
13	Replacement of fuel pipe feed pump to filter as and when reqd.					
14	Replacement of fuel pipe filter to pump as and when reqd.					
15	Replacement of Battery wire as and when reqd.					
16	Replacement of Battary terminal as when reqd.					
17	Replacement of battery as and when reqd.					
18	Repair & Replacement of DG Battery charger.					
19	Minor Repair of DG & AMF Panel					
	In addition to above the contractor will attend the complaint when there is fault in DG Set & AMF Panel with in 12 hours . It will be responsibility of the contractor that the DG sets are run smoothly during the contract period.	1	Per Job	98000.00	98000.00	Rupees NinetyEight Thousand Only

Draftschedule of quantity checked and approved for RS. 98000/ only.

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

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	Job-			Estimated Cost:- Rs.97250/-only.
				Earnest Money :- Rs.2000/-only.
				Time :- One Year

Draft Schedule of Quanitity

Name of Work:-Annual repair and maintenance (AMC) of 100 KVA DG Set installed at HPPWD B&R Chief office building at Jail Road Mandi under ESD Mandi for the peirod of one year.

Sr. No.	Description	Qty.	Units	Estimated rate with all taxes includng GST etc. In Rs. P	Total amount with all taxes including GST etc. In Rs. P	Total amount with all texes including GSTetc. In words
	Annual maintenance contract of 100 KVA DG Set at Chief Office Building at Jail Road Mandi For the period of one year . The scope of work will include the following :-					
1	Inspection of DG Set i/c alternator , engine , AMF Panel (12 Nos. visits @ 1 no. per month					
2	Servicing of DG Set (3 nos. per year i/c checking of batteries , AMF Panel etc.					
3	Replacement of spin lubricating oil filter cartage - 2 nos.					
4	Replacement of fuel filter element primary - 2 nos.					
5	Replacement of fuel filter element Secondary - 2 nos.					
6	Replacement of coolant - 3 ltrs for each service					
7	Replacement of engine oil - 22 ltrs for each service					
8	Replacement of main element for air cleaner - 1 no.					
9	Replacement of fan belt - 1 no.					
10	Replacemnet of rubber hose cleaner as and when reqd.					
11	Replacemnet of hose radiator to engine as and when reqd.					
12	Replacemnet of hose engine to radiatoras and when reqd.					
13	Replacement of fuel pipe feed pump to filter as and when reqd.					
14	Replacement of fuel pipe filter to pump as and when reqd.					
15	Replacement of Battery wire as and when reqd.					
16	Replacement of Battary terminal as when reqd.					
17	Replacement of battery as and when reqd.					
18	Repair & Replacement of DG Battery charger.					
19	Minor Repair of DG & AMF Panel					
	In addition to above the contractor will attend the complaint when there is fault in DG Set & AMF Panel with in 12 hours . It will be responsibility of the contractor that the DG sets are run smoothly during the contract period.	1	Per Job	97250.00	97250.00	Rupees NinetySeven Thousand Two Hundred Fifty Only

Draft schedule of Quantity checked and approved for Rs. 97250/ only.

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

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	Job-			
				Estimated Cost:- Rs.95122/-only.
				Earnest Money :- Rs.1900/-only.
				Time :- Along with civil work

Draft Schedule of Quanitity

Name of Work:-Providing E.I. in Renovating Health Sub centre Chowk at Baldwara Tehsil Sarkaghat Distt Mandi

Sr. No.	Description	Qty.	Units	Estimated rate with all taxes includng GST etc. In Rs. P	Total amount with all taxes including GST etc. In Rs. P	Total amount with all texes including GSTetc. In words
1.00	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:-Havells,Finolex,RR Kable,KEI,Grandley,Plaza**					
1.01	Group A.	8	Each	880.00	7040.00	Rupees Seven Thousand Fourty Only
1.02	Group C	13	Each	1294.00	16822.00	Rupees Sixteen Thousand Eight Hundred TwentyTwo Only
2.00	Supplying and fixing metal box of 100mmx100mmx60mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 5/6 amps socket outlet and 5/6 amps, piano type switch, connections, painting etc. as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make: Havells(REO) (Athena) Goldmedal(Air) (GIFa),Anchor(Penta), Legrand (arteor),L&T(Entice),SSK**	11	Each	314.00	3454.00	Rupees Three Thousand Four Hundred FiftyFour Only
3.00	Supplying and fixing metal box of 180mmx100mmx60mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 6 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),SSK**	8	Each	489.00	3912.00	Rupees Three Thousand Nine Hundred Twelve Only

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4.00	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase,230 volts complete as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make: Havells,Goldmedal,Anchor,**	2	Each	281.00	562.00	Rupees Five Hundred SixtyTwo Only
5.00	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. **i) Single pole. Cat-A. Make : Havells,ABB, Legrand, L&T, schneider,C&S, SSK**	13	Each	284.00	3692.00	Rupees Three Thousand Six Hundred NinetyTwo Only
6.00	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. **i) Double pole. Cat-A. Make : Havells,ABB, Legrand, L&T,schneider,C&S, SSK**	2	Each	1324.00	2648.00	Rupees Two Thousand Six Hundred FourtyEight Only
7.00	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 miliampers in the existing MCB DB complete with connections, testing and commissioning etc. as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. **i) 40 Amps.(Category-A) Make:- Havells, ABB, Legrand, L&T, schneider,C&S, SSK**	2	Each	2905.00	5810.00	Rupees Five Thousand Eight Hundred Ten Only
8.00	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus- bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required.complete in all respect as per entire satisfaction of Engineer-in- Charge. **i) Double door-12 way Make : Havells, ABB, Legrand, L&T, schneider,C&S, SSK**	2	Each	2711.00	5422.00	Rupees Five Thousand Four Hundred TwentyTwo Only
9.00	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:-Make:-Havells,Finolex,RR Kable,KEI,Grandley,Plaza**					
9.01	2x1.5 Sq. mm.	40	Per Metre	215.00	8600.00	Rupees Eight Thousand Six Hundred Only
9.02	2x4.0 Sq. mm.	40	Per Metre	329.00	13160.00	Rupees Thirteen Thousand One Hundred Sixty Only
9.03	2x6.0 sq.mm.	5	Per Metre	454.00	2270.00	Rupees Two Thousand Two Hundred Seventy Only

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10.00	Wiring for power plug with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 2 No.4 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:Make:-Havells,Finolex,RR Kable,KEI,Grandley,Plaza**	20	Per Metre	556.00	11120.00	Rupees Eleven Thousand One Hundred Twenty Only
11.00	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. **i) 3x1.5 Sq. mm. Make:-Make:-Havells,Finolex,RR Kable,KEI,Grandley,Plaza**	30	Per Metre	98.00	2940.00	Rupees Two Thousand Nine Hundred Fourty Only
12.00	Earthing with G.I earth pipe 4.5 mtr. long and 40mm dia, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required.complete in all respect as per entire satisfaction of Engineer- in- Charge.	1	Per Set	5237.00	5237.00	Rupees Five Thousand Two Hundred ThirtySeven Only
13.00	Extra for using salt and charcoal for pipe earth electrode complete as required.complete in all respect as per entire satisfaction of Engineer- in- Charge.	1	Per Set	1493.00	1493.00	Rupees One Thousand Four Hundred NinetyThree Only
14.00	Supplying and laying 6 SWG G.I. wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required.complete in all respect as per entire satisfaction of Engineer- in- Charge.	20	Per Metre	47.00	940.00	Rupees Nine Hundred Fourty Only
	Total				95122.00	Rupees NinetyFive Thousand One Hundred TwentyTwo Only

Draft Schedule of Quantity checked and approved for Rs. 95122/only.

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

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	Job			Estimated Cost:- Rs.97256/-only.
				Earnest Money :- Rs.2000/-only.
				Time :- One Year

Draft SCHEDULE OF QUANTITY

Name of work:- R/M of E.I various N/R bldgs at SLBSGMC&H at Nerchowk in Mandi(SH:- Replacement of damaged primary control of Hospital Bidgs.)

Sr. No.	Description	Qty	Units	Estimated rate with all taxes includng GST etc. In	Total amount with all taxes including GST etc. In Rs. P	Total amount with all texes including GSTetc. In words
1	Supplying and Fixing Molded Case Circuit Breaker Dsigne series MCCB microprocessor-based trip unit with adjustable setting for comprehensive protection type DN6-160SD having cat. No CM9071600M0 make L&T complete in all respect as require Engineer-in- Charge .	3	Each	10982.00	32946.00	Rupees ThirtyTwo Thousand Nine Hundred FourtySix Only
2	Supplying and Fixing Molded Case Circuit Breaker Dsigne series MCCB microprocessor-based trip unit with adjustable setting for comprehensive protection type DN2-250D having cat. No CM968200P00G make L&T complete in all respect as require Engineer-in- Charge .	2	Each	23100.00	46200.00	Rupees FourtySix Thousand Two Hundred Only
3	Supplying and Fixing Miniture Circuit Breaker (MCB) make L&T true contact indicator fo indivisul pole confirming to IS/IEC 60898- 10KVA Bcurves 63amp three pole (TP) having cat no BB 30630B complete in all respect as require Engineer-in- Charge .	5	Each	3622.00	18110.00	Rupees Eighteen Thousand One Hundred Ten Only
	Total				97256	Rupees NinetySeven Thousand Two Hundred FiftySix Only

Draft schedule of quantity checked and approved for RS. 97,256/- only.

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

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	Job-			Estimated Cost:- Rs.82563/-only.
				Earnest Money :- Rs1700./-only.
				Time :- Along with Civil work

Draft Schedule of Quanitity

Name of work:-C/o Middle School Building at Naulakha Tehsil Sunder Nagar, District Mandi HP SH:-Providing E.l. in 1st floor there in.)

Sr. No.	Description	Qty.	Units	Estimated rate with all taxes includng GST etc. In Rs. P	Total amount with all taxes including GST etc. In Rs. P	Total amount with all texes including GSTetc. In words
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required complete in all respect. as per entire satisfcation of engineer in charge **i) Group C.Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.**	32	Each	1225.00	39200.00	Rupees ThirtyNine Thousand Two Hundred Only
2	Supplying and fixing G.I. Modular box of suitable size with modular plate and cover in recess including providing and fixing 5 pin 5/6 amps modular socket outlet and 5/6 amps, modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class).**	4	Each	406.00	1624.00	Rupees One Thousand Six Hundred TwentyFour Only
3	Supplying and fixing G.I. Modular box of suitable size with modular plate and cover in recess including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make : Legrand (Myriu) / L&T (Entice) / Anchor /SSK / ABB (Similar Class).**	2	Each	622.00	1244.00	Rupees One Thousand Two Hundred FourtyFour Only
4	Supplying and fixing G.I. Modular box of Sutable size with modular plate and cover in recess including providing and fixing 3 No 5 pin 5/6 amps modular socket outlet and 3No 5/6 amps, modular switch, connections etc. as required complete in all respect. as per entire satisfcation of engineer in charge	2	Each	702.00	1404.00	Rupees One Thousand Four Hundred Four Only

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5	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 aas required complete in all respect. as per entire satisfcation of engineer in charge **Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.**					
i)	2x1.5 Sq. mm.	70	Per Metre	204.00	14280.00	Rupees Fourteen Thousand Two Hundred Eighty Only
ii)	2x4.0 Sq. mm.	30	Per Metre	335.00	10050.00	Rupees Ten Thousand Fifty Only
iii)	2x10 Sq. mm.	5	Per Metre	664.00	3320.00	Rupees Three Thousand Three Hundred Twenty Only
6	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 satisfcation of engineer in charge PLAZA / **FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI cable make. size 3x1.5 Sq. mm**	10	Per Metre	111.00	1110.00	Rupees One Thousand One Hundred Ten Only
7	Wiring for circuit / sub-main with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 2 No.4 Sq.mm. (4X4+2X4)HRFRLS/PVC insulated single core copper conductor cable for earthing as required complete in all respect. as per entire satisfcation of engineer in charge **Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.**	5	Per Metre	583.00	2915.00	Rupees Two Thousand Nine Hundred Fifteen Only
8	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respect. **Make : L&T / Legrand / Siemens.**	7	Each	315.00	2205.00	Rupees Two Thousand Two Hundred Five Only
	Single pole. Cat-A.					
9	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respect. as per entire satisfcation of engineer in charge **Make : L&T / Legrand / Siemens..**	1	Each	1549.00	1549.00	Rupees One Thousand Five Hundred FourtyNine Only
	Double pole Cat-A					

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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 satisfcation of engineer in charge . **Make L&T / LEGRAND / SIEMENS.**	1	Each	3152.00	3152.00	Rupees Three Thousand One Hundred FiftyTwo Only
	Double door-12 way					
11	Supplying and laying 6 SWG GI wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required complete in all respect. as per entire satisfcation of engineer in charge	10	Per Metre	51.00	510.00	Rupees Five Hundred Ten Only
	Total				82563.00	Rupees EightyTwo Thousand Five Hundred SixtyThree Only

Draft Schedule of quantity checked and approved for Rs. 82,563/- only.

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP)

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	Job-		Estimated Cost:- Rs.99828/-only.
			Earnest Money :- Rs.2000/-only.
			Time :- Two Month

Draft Schedule of Quanitity

Name of work:- Special Repair of Kitchen and Chowkidar Room at Rest House HP PWD Larji Distt. Kullu {SH:- Prov. E.I.there in}

Sr. No.	Description	Qty.	Units	Estimated rate with all taxes includng GST etc. In Rs. P	Total amount with all taxes including GST etc. In Rs. P	Total amount with all texes including GSTetc. In words
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 medium class PVC conduit, with 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 respect as per entire satisfaction of Engineer- in- Charge.. **i) Group C Make:- Havells, Finolex, RR Kable, KEI,Grandley,Plaza**	18	Each	1283.00	23094.00	Rupees TwentyThree Thousand NinetyFour Only
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:- Havells, Finolex, RR Kable, KEI,Grandley,Plaza**					
i	**2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire**	40	Per Metre	209.00	8360.00	Rupees Eight Thousand Three Hundred Sixty Only
ii	**2 X 4 sq. mm + 1 X 4 sq. mm earth wire**	45	Per Metre	315.00	14175.00	Rupees Fourteen Thousand One Hundred SeventyFive Only
iii	**2 X 10 sq. mm + 1 X 6 sq. mm**	10	Per Metre	558.00	5580.00	Rupees Five Thousand Five Hundred Eighty Only
3	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 respect as per entire satisfaction of Engineer- in-Charge. (But without MCB/RCCB/Isolator) **i) 12 way , Double door Make:- Havells,ABB,Legrand,L&T,schneider,C&S, SSK**	1	Each	2300.00	2300.00	Rupees Two Thousand Three Hundred Only
4	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. **i) Single pole Make:- Havells,ABB,Legrand,L&T,schneider,C&S, SSK**	9	Each	241.00	2169.00	Rupees Two Thousand One Hundred SixtyNine Only

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5	Supplying and fixing following rating, followings poles 10ka 240/415v 'C' curves miniature circuit braker suitable for inductive load of following poles in the exsisting MCB DB complete with connections, testing and commissioning etc. as required. **i) 63 A DP Make:- Havells,ABB, Legrand, L&T, schneider, C&S, SSK**		1	Each	1479.00	1479.00	Rupees One Thousand Four Hundred SeventyNine Only
6	S/E of LED Downlighter(surface)round type with CRCA/PDC body and diffuser The fitting should be installed on existing surface/recess The job includes carriage, erection, making connections testing and commissioning of the fittings.as required.complete in all respect as per entire satisfaction of Engineer- in- Charge.						
	Specification of LED fittings:						
A.	Wattage of LED fittings	As per following parameter.					
B	Lumen output of the fitting	as below					
C	Diffuser	Polycarbonate diffuser/PMMA					
D	Operating voltage	140 V to 270 V, AC supply or better.					
E	Input frequency	50 Hz $\pm$ 1 Hz					
F	Power factor	Minimum 0.90					
G	Luminaire efficacy	$\geq$100 lm/w					
H	Color rendering index	CRI shall be greater than 80					
I	Working/ operating temperature	0^0 to + 45^0c or better					
J	Color temperature	6000^0K $\pm$ 10%					
K	Electronic Driver						
i)	Drive current (LED)	As per OEM.					
ii)	Operating voltage	140 V to 270 V AC supply or better					
iii)	Type of driver	Constant current output driver					
iv)	THD	Less than 10%					
v)	Surge Protection	2.5 KV minimum					
vi)	Efficiency Driver	>85%					
vi)	Protection	Shall have under voltage and over voltage protection.					
L	Guarantee of LED fittings including LED driver	2 years against manufacturing defect.					
M	Fixture	Should comply with LM 79 test from UL/NABL lab.					

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N	LED Type/ Make/ Model	Power CREE/ OSRAM/ NICHIA/ Philips LUMILED with life more than 50,000 burning hours @70% lumen maintenance complying with LM 80 test report from the manufacturer.					
O	Life of LED	50000 burning hours at 70% lumen maintenance					
Sr. No.	Description						
	Lumen output of the fitting	Rate					
	LED Downlighter round type surface>12w		7	Each	1891.00	13237.00	Rupees Thirteen Thousand Two Hundred ThirtySeven Only
7	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 respect as per entire satisfaction of Engineer- in- Charge. **i) Exhaust Fan, Light duty, (Domestic) 225/230 mm sweep Make:- atomberg ,Havells,Orient,Gold Medal,Bajaj**		2	Each	2156.00	4312.00	Rupees Four Thousand Three Hundred Twelve Only
8	Supplying & fixing High perfomance LED Street light in aluminium pressure die cast housing with toughened glass cover (IP66 rating) complete with all accessories ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.**i) LED Street light 25W LED Street light 25W Make:- bajaj, havells, panasonic, Philips, Wipro, LT, Changi**		4	Each	3022.00	12088.00	Rupees Twelve Thousand EightyEight Only
9	S/E of LED Batten with polycarboante body and diffuser The fitting should be installed on existing surface/recess The job includes carriage, erection, making connections testing and commissioning of the fittings. as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:- bajaj, havells, panasonic, Philips, Wipro, LT, Chengi**						
	Wattage of LED fittings	As per following parameter.					
	Total lumens of the fittings.	as below					
	Diffuser	Polycarbonate diffuser/PMMA					
	Operating voltage	140 V to 270 V, AC supply or better.					
	Input frequency	50 Hz ± 1 Hz					
	Power factor	Minimum 0.90					
	Luminaire efficacy	>100 lm/w					
	Color rendering index	CRI shall be greater than 80					
	Working/ operating temperature	0^0.to + 45^0c or better					

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	Color temperature	$6000^0K \pm 10\%$					
	Electronic Driver						
	Drive current (LED)	As per OEM.					
	Operating voltage	140 V to 270 V AC supply or better					
	Type of driver	Constant current output driver					
	THD	Less than 10%					
	Surge Protection	2.5 KV minimum					
	Efficiency Driver	>85%					
	Protection	Shall have under voltage and over voltage protection.					
	Guarantee of LED fittings including LED driver	2 years against manufacturing defect.					
	Fixture	Should comply with LM 79 test from UL/NABL lab.					
	LED Type/ Make/ Model	Power CREE/ OSRAM/ NICHIA/ Philips LUMILED with life more than 25,000 burning hours @70% lumen maintenance complying with LM 80 test report from the manufacturer.					
	Life of LED	25000 burning hours at 70% lumen maintenance					
	LED Batten Light> 2000 Lumens		2	Each	631.00	1262.00	Rupees One Thousand Two Hundred SixtyTwo Only
10	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:- Havells, ABB, Legrand, L&T, schneider, C&S, SSK**		8	Each	431.00	3448.00	Rupees Three Thousand Four Hundred FourtyEight Only
11	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc.as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:- Havells, ABB, Legrand, L&T, schneider, C&S, SSK**		5	Each	544.00	2720.00	Rupees Two Thousand Seven Hundred Twenty Only

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12	Supply, Installation, Testing and Commissioning of following sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CM/M/W) minimum 6.85, Air delivery minimum 215 CMM, 300 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote/ BLDC electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.complete in all 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)**	2	Each	2802.00	5604.00	Rupees Five Thousand Six Hundred Four Only
	Total				99828.00	Rupees NinetyNine Thousand Eight Hundred TwentyEight Only

Draft & Shedule of Quantity checked and approved for Rs. 99828/- only.

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

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(5)

	Job-					
				Estimated Cost:- Rs.96760/-only.		
				Earnest Money :- Rs.1950/-only.		
				Time :- One Month		

Draft Schedule of Quanitity

Name of work:--Providing and fixing AMF panel and 6 core flexible cable for connection of 20 KVA DG at NCC Hanger Kullu Airport Bhunter Distt. Kullu (H.P)

Sr. No.	Description	Qty.	Units	Estimated rate with all taxes includng GST etc. In Rs. P	Total amount with all taxes including GST etc. In Rs. P	Total amount with all texes including GSTetc. In words
1	Providing, Installation, testing and commissioning of standard AMF panel suitable for 250 KVA DG set as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make Kirloskar**	1	Each	82600.00	82600.00	Rupees EightyTwo Thousand Six Hundred Only
2	Providing & laying of 1.5 sq mm 6 core flexible cable grade on wall surface as required.complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make:- Universal Cables, KEI, Havells, Grandley**	40	Per Metre	354.00	14160.00	Rupees Fourteen Thousand One Hundred Sixty Only
	Total				96760.00	Rupees NinetySix Thousand Seven Hundred Sixty Only

Draft & Schedule of quantity checked & approved for Rs. 96760/- only

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

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(8)

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	Job-			Estimated Cost:- Rs.98430/-only.		
				Earnest Money :- Rs.2000/-only.		
				Time :- Along with Civil work		

Draft Schedule of Quanitity

Name of work:-Providing and laying of steel conduit (Basement 2 & First Floor) at Judicial Court Complex Banjar Distt. kullu (HP)

Sr. No.	Description	Qty.	Units	Estimated rate with all taxes includng GST etc. In Rs. P	Total amount with all taxes including GST etc. In Rs. P	Total amount with all texes including GSTetc. In words
	Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduitas required.complete in all respect as per entire satisfaction of Engineer- in- Charge. **i) 25 mm Mmake;- BEC,AKG,RKG,Precision Pipes**	510	Per Metre	193.00	98430.00	Rupees NinetyEight Thousand Four Hundred Thirty Only
	Total				98430.00	Rupees NinetyEight Thousand Four Hundred Thirty Only

Draft & Schedule of Quantity checked and approved for Rs. 98430/-only

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

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	Job-			Estimated Cost:- Rs.99650/-only.
				Earnest Money :- Rs2000./-only.
				Time :- One Month

Draft Schedule of Quantity

Name of work:- Repair and maintenance of Split type AC in various Govt. Non - Residential buildings in District Kullu under Electrical Sub Division HPPWD Kullu(H.P)

Sr. No.	Description	Qty.	Units	Estimated rate with all taxes includng GST etc. In Rs. P	Total amount with all taxes including GST etc. In Rs. P	Total amount with all texes including GSTetc. In words
1	Repair and maintenance (Routine and Preventive) of split type Air Conditioning Units 1.5 T.R. & 2 T.R. capacity (Any make) Hot and Cold The repair and maintenance has been done as per instructions and directions to the best satisfaction of Engineer-in-charge.					
a	Replacement of PCB in split type air conditioner as required complete in all respects.	4	Each	7850.00	31400.00	Rupees ThirtyOne Thousand Four Hundred Only
b	Refilling of Gas chraging i.e. R32 in split type air conditioner as required complete in all respects.	8	Each	2800.00	22400.00	Rupees TwentyTwo Thousand Four Hundred Only
c	Replacement of compressor 1.5 ton split type air conditioniner kirloskar Teshmash make	2	Each	13500.00	27000.00	Rupees TwentySeven Thousand Only
d	Change of fan motor in outdoor unit split type AC unit	3	Each	3600.00	10800.00	Rupees Ten Thousand Eight Hundred Only
f	Change of running capacitor in outdoor unit split type AC unit	7	Each	1150.00	8050.00	Rupees Eight Thousand Fifty Only
	Total				99650.00	Rupees NinetyNine Thousand Six Hundred Fifty Only

Draft schedule of Quantity checked and approved for RS. 99650/ only

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

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Job-		Estimated Cost:- Rs.81631/-only.
		Earnest Money :- Rs.1650/-only.
		Time :- One Month

Draft Schedule of Quantity

Name of work:- Replacement of LED Post Top and armoured cable in Old Rest House Janjehli and Bagsaid Rest House Tehsil Thunag Distt. Mandi (HP)

Sr. No.	Description	Qty.	Units	Estimated rate with all taxes includng GST etc. In Rs. P	Total amount with all taxes including GST etc. In Rs. P	Total amount with all texes including GSTetc. In words
1	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required complete in all respectas per entire satisfaction of the Engineer in charge. **i) 3x1.5 Sq. mm. Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.**	16	Per Metre	93.00	1488.00	Rupees One Thousand Four Hundred EightyEight Only
2	Supplying & fixing 40W LED Post Top light made of die cast aluminium base and spun aluminium top and die cast alum base power LEDs mounted on metal clad PCB's are finally directly mounted on die cast aluminium heat sinks. PC diffuser is provided in clear opal and premestic finish 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:-twinkle (Cat No.LuxMax-PT-153)**	4	Each	7868.00	31472.00	Rupees ThirtyOne Thousand Four Hundred SeventyTwo Only
3	Supplying & fixing 30 W LED Street light made of die cast aluminium base and spun aluminium round top power LED mounted on metal clad PCB's are finally directly mounted on die cast aluminium heat sinks. PC diffuser and glare free lighting with high visual comfort 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:-twinkle (Cat No.LuxMax-SLB-30**	3	Each	3426.00	10278.00	Rupees Ten Thousand Two Hundred SeventyEight Only
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. **i) Single pole 10 Amp. Cat-A. Make : L&T / Legrand / Siemens.**	4	Each	241.00	964.00	Rupees Nine Hundred SixtyFour Only
5	Supplying and fixing following rating, followings poles 10ka 240/415v 'C' curves miniature circuit braker suitable for inductive load of following poles in the exsisting MCB DB complete with connections, testing and commissioning etc.as required complete in all respect. as per entire satisfcation of engineer in charge. **i) Double pole.(Category-A) Make : L&T / Legrand / Siemens.**	1	Each	1330.00	1330.00	Rupees One Thousand Three Hundred Thirty Only

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6	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus- bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required complete in all respect. as per entire satisfcation of engineer in charge. **i) Double door-6 way Make:- L&T / Legrand / Siemens.**	1	Each	2187.00	2187.00	Rupees Two Thousand One Hundred EightySeven Only
7	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 satisfcation of engineer in charge. **i) Armoured cable 6 sq. mm (twin core) Make:- Universal Cables,KEI,Havells,Grandley**	65	Per Metre	458.00	29770.00	Rupees TwentyNine Thousand Seven Hundred Seventy Only
8	S/E of LED Downlighter round type surface with CRCA/PDC body and diffuser The fitting should be installed on existing surface The job includes carriage, erection, making connections testing and commissioning of the fittings. as required complete in all respect. as per entire satisfcation of engineer in charge. **Make:- bajaj ,havells, panasonic ,Philips, Wipro,LT,Changi**					
	Specification of LED fittings:					
	Wattage of LED fittings	As per following parameter.				
	Lumen output of the fitting	as below				
	Diffuser	Polycarbonate diffuser/PMMA				
	Operating voltage	140 V to 270 V, AC supply or better.				
	Input frequency	50 Hz $\pm$ 1 Hz				
	Power factor	Minimum 0.90				
	Luminaire efficacy	$\geq$100 lm/w				
	Color rendering index	CRI shall be greater than 80				
	Working/ operating temperature	0^0 to + 45^0c or better				
	Color temperature	6000^0K $\pm$ 10%				
	Electronic Driver					
	Drive current (LED)	As per OEM.				
	Operating voltage	140 V to 270 V AC supply or better				
	Type of driver	Constant current output driver				
	THD	Less than 10%				
	Surge Protection	2.5 KV minimum				
	Efficiency Driver	>85%				

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	Protection	Shall have under voltage and over voltage protection.					
	Guarantee of LED fittings including LED driver	2 years against manufacturing defect.					
	Fixture	Should comply with LM 79 test from UL/NABL lab.					
	LED Type/ Make/ Model	Power CREE/ OSRAM/ NICHIA/ Philips LUMILED with life more than 50,000 burning hours @70% lumen maintenance complying with LM 80 test report from the manufacturer.					
	Life of LED	50000 burning hours at 70% lumen maintenance					
	Description						
	Lumen output of the fitting 2000 lm		2	Each	2071.00	4142.00	Rupees Four Thousand One Hundred FourtyTwo Only
		Total				81631.00	Rupees EightyOne Thousand Six Hundred ThirtyOne Only

Draft schedule of quantity checked and approved for Rs. 81,631/- only.

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP)

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	Job-			Estimated Cost:- Rs.87712/-only.		
				Earnest Money :- Rs.1800/-only.		
				Time :- One Month		

Draft Schedule of Quantity

Name of work:-R/M of El in various N/R Buildings under ESD Mandi Distt. Mandi (H.P) (Sh:- Providing LED downlights in Shed for pathway and other accessories in circuit house therein)

Sr. No.	Description	Qty.	Units	Estimated rate with all taxes includng GST etc. In Rs. P	Total amount with all taxes including GST etc. In Rs. P	Total amount with all texes including GSTetc. In words
1	S/E of LED Downlighter(recess)round type of 10 watt with polycarboante body and diffuser The fitting should be installed on existing surface/recess The job includes carriage, erection, making connections testing and commissioning of the fittings. 10 watt as required complete in all respects and to the best satisfaction of Engineer-in-charge **Make:-bajaj, havells, Goldmedal ,panasonic, Philips, Wipro, Changi**	*12*	Each	*536.00*	6432.00	Rupees Six Thousand Four Hundred ThirtyTwo Only
2	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. i) **Sigle Pole Cat A Make :Havells, ABB, Legrand, L&T,schneider,C&S**	*5*	Each	*241.00*	1205.00	Rupees One Thousand Two Hundred Five Only
3	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required complete in all respects and to the best satisfaction of Engineer-in-charge . **i) 20 mm dia Make :- Diplast, Anchor**	*60*	Per Metre	*108.00*	6480.00	Rupees Six Thousand Four Hundred Eighty Only
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 and to the best satisfaction of Engineer-in-charge **Make:- Havells,Finolex,RR Kable, KEI, Grandley,Plaza**					
4.01	2 x 1.5 sq. mm	80	Per Metre	66.00	5280.00	Rupees Five Thousand Two Hundred Eighty Only
4.02	2 x 4 sq. mm	70	Per Metre	144.00	10080.00	Rupees Ten Thousand Eighty Only

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5	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated isheet cover in FRLSont including providing and fixing 6 pin 15/16 A socket outlet and 15/16 A piano type switch, connection, painting etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge **Make:- Havells (REO) (Athena), Goldmedal (Air) (GIFa), Anchor (Penta), Legrand (arteor), L&T(Entice) SSK**	5	Each	*441.00*	2205.00	Rupees Two Thousand Two Hundred Five Only
6	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 respects and to the best satisfaction of Engineer-in-charge **Make:- Havells (REO) (Athena), Goldmedal (Air) (GIFa), Anchor (Penta), Legrand (arteor),L&T(Entice) SSK**					
6.01	5/6 amps switch	*15*	Each	*88.00*	1320.00	Rupees One Thousand Three Hundred Twenty Only
6.02	15/16 A switch	*10*	Each	*143.00*	1430.00	Rupees One Thousand Four Hundred Thirty Only
6.03	3 pin 5/6 A socket outlet	*10*	Each	*114.00*	1140.00	Rupees One Thousand One Hundred Fourty Only
6.04	6 pin 15/16 A socket outlet	*6*	Each	*186.00*	1116.00	Rupees One Thousand One Hundred Sixteen Only
6	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 and to the best satisfaction of Engineer-in-charge **Make :Havells, ABB, Legrand, L&T,schneider,C&S**	*4*	Each	*1479.00*	5916.00	Rupees Five Thousand Nine Hundred Sixteen Only
7	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc.as required complete in all respects and to the best satisfaction of Engineer-in-charge (But without MCB/RCCB/Isolator) 8 way DD **Make :Havells, ABB, Legrand, L&T,schneider,C&S**	*1*	Each	*2300.00*	2300.00	Rupees Two Thousand Three Hundred Only
8	S/E of LED Panel with PDC body and polycarbonate /Acrylic diffuser to be mounted in recess The job includes carriage, erection, making connections testing and commissioning of the fittings.2 * 2 feet as required complete in all respects and to the best satisfaction of Engineer-in-charge **Make:-bajaj, havells, Goldmedal ,panasonic, Philips, Wipro, Changi**	2	Each	3052.00	6104.00	Rupees Six Thousand One Hundred Four Only
9	Supplying & fixing LED TUBE 20 W,PC BATTEN, ,complete with all accessories ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge **Make:-bajaj, havells, Goldmedal ,panasonic, Philips, Wipro, Changi**	*20*	Each	*631.00*	12620.00	Rupees Twelve Thousand Six Hundred Twenty Only

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10	Providing and installation exhaust fan of following sizes in the existing opening, Double ball bearing type metal frame including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etcas required complete in all respects and to the best satisfaction of Engineer-in-charge . i) **Exhaust Fan, Light duty, (Domestic) 225/230 mm sweep Make:- atomberg ,Havells,Orient,Gold Medal,Bajaj**	*4*	Ecah	*2156.00*	8624.00	Rupees Eight Thousand Six Hundred TwentyFour Only
11	S/E of MCCB 4 Pole 415 Volt. with thermal magnetic Release for overload and short circuit protection breaking Capacity (Ics=100% Icu with positive isolation) .MCCB 40-100 Amp. 36 ka 4 Pole Release with rotary handle as required complete in all respects and to the best satisfaction of Engineer-in-charge **Make :Havells, ABB, Legrand, L&T,schneider,C&S**	*1*	Each	*15460.00*	15460.00	Rupees Fifteen Thousand Four Hundred Sixty Only
	Total				87712.00	Rupees EightySeven Thousand Seven Hundred Twelve Only

Draft Schedule of quantity checked and approved for Rs. 87,712/- only.

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP)

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	Job-			Estimated Cost:- Rs.99000/-only.
				Earnest Money :- Rs.2000/-only.
				Time :- One Year

Draft Schedule of Quantity

Name of work:-Annual reapair and Maintenance of various Air Condtioner installed in N/R building under Electrical Sub Division Mandi H.P for the period of One year (SH:- AMC of air conditioner installed in Circuit House Mandi & R/H Pandoh)

Sr. No.	Description	Qty.	Units	Estimated rate with all taxes includng GST etc. In Rs. P	Total amount with all taxes including GST etc. In Rs. P	Total amount with all texes including GSTetc. In words
1	Annual Repair and Maintenance of various make/type and different capacity window/split AC with four number mandetory quaterly services and all emergency breakdown services and when required from time to time as per the best satisfactionof Engineer in charge.					
	The AMC shall include following:- Rewiring/repair of compressor thermostat,relay,OLP fan motor,timer,heater,air damper, temperature sensor, evaporator,condensors, refrigerate,charging drives,capillairy boiler, blower,fan blade,control box,electrical switches, transformers, diodes, capacitor, wire harness,electrical valves,remote PCB including the cost of their replacement and filling/refilling of gas as required but excluding burnt compressor/motor PCB board which are beyond repair. All defective components should be replaced with compatible working parts and defective parts shall be firms responsibility & shall have to attend the complaints within 24 hours from the acknowledgement of complaints.					
i)	Split AC 1.5 ton	22.00	Each	4500.00	99000.00	Rupees NinetyNine Thousand Only

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	Job-			Estimated Cost:- Rs.82447/-only.
				Earnest Money :- Rs.1650/-only.
				Time :- One Month

Draft Schedule of Quantity

Name of work:-R/M of El in various Govt. non residential buildings in Local section-II under ESD Mandi Distt. Mandi (H.P)

Sr. No.	Description	Qty.	Units	Estimated rate with all taxes includng GST etc. In Rs. P	Total amount with all taxes including GST etc. In Rs. P	Total amount with all texes including GSTetc. In words
1	*Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. .as required complete in all respects and to the best satisfaction of Engineer-in-charge* ***Make:- Havells (REO) (Athena), Goldmedal (Air) (GIFa), Anchor (Penta), Legrand (arteor),L&T(Entice) SSK***					
1.01	S.P. 5/6 amps, one way Piano switch, ISI marked	25	Each	41.00	1025.00	Rupees One Thousand TwentyFive Only
1.02	S.P. 15/16 A, one way switch, piano type ISI marked	20	Each	94.00	1880.00	Rupees One Thousand Eight Hundred Eighty Only
2	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 respects and to the best satisfaction of Engineer-in-charge **Make:- Havells (REO) (Athena), Goldmedal (Air) (GIFa), Anchor (Penta), Legrand (arteor),L&T(Entice) SSK**					
2.01	5/6 amps switch	15	Each	88.00	1320.00	Rupees One Thousand Three Hundred Twenty Only
2.02	15/16 A switch	10	Each	143.00	1430.00	Rupees One Thousand Four Hundred Thirty Only
2.03	3 pin 5/6 A socket outlet	10	Each	114.00	1140.00	Rupees One Thousand One Hundred Fourty Only
2.04	6 pin 15/16 A socket outlet	10	Each	186.00	1860.00	Rupees One Thousand Eight Hundred Sixty Only
3	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit .as required complete in all respects and to the best satisfaction of Engineer-in-charge **Make:-Havells,Finolex,RR Kable, KEI, Grandley,Plaza**					
3.01	1 x 1.5 sq. mm	70	Per Metre	40.00	2800.00	Rupees Two Thousand Eight Hundred Only
3.02	2 x 4 sq. mm	90	Per Metre	144.00	12960.00	Rupees Twelve Thousand Nine Hundred Sixty Only

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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. **i) Sigle Pole Cat A Make :Havells, ABB, Legrand, L&T,schneider,C&S**	*10*	*Each*	*241.00*	2410.00	Rupees Two Thousand Four Hundred Ten Only
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:- **Make :Havells, ABB, Legrand, L&T,schneider,C&S**	*4*	*Each*	*1479.00*	5916.00	Rupees Five Thousand Nine Hundred Sixteen Only
6	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 and to the best satisfaction of Engineer-in-charge (But without MCB/RCCB/Isolator) 8 way DD **Make :Havells, ABB, Legrand, L&T,schneider,C&S**	*2*	*Each*	*2300.00*	4600.00	Rupees Four Thousand Six Hundred Only
7	*Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit .as required complete in all respects and to the best satisfaction of Engineer-in-charge* ***i) 25 mm dia Make :- BEC, AKG, RKG, Precision Pipes***	*100*	Per Metre	*125.00*	12500.00	Rupees Twelve Thousand Five Hundred Only
8	S/E of LED Panel with PDC body and polycarbonate /Acrylic diffuser to be mounted in recess The job includes carriage, erection, making connections testing and commissioning of the fittings.2 * 2 feet.as required complete in all respects and to the best satisfaction of Engineer-in-charge **Make:-bajaj, havells, panasonic, Philips, Wipro,LT,Changi**	2	Each	3052.00	6104.00	Rupees Six Thousand One Hundred Four Only
9	Supplying & fixing LED TUBE 20 W,PC BATTEN, ,complete with all accessories ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. **Make:-bajaj, havells, panasonic, Philips, Wipro, LT,Changi**	*30*	*Each*	*631.00*	18930.00	Rupees Eighteen Thousand Nine Hundred Thirty Only
10	Supplying & fixing LED downlight 12 Watt , ,complete with all accessories ,connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. **Make:-bajaj,havells, panasonic, Philips, Wipro, LT,Changi**	*12*	*Each*	*631.00*	7572.00	Rupees Seven Thousand Five Hundred SeventyTwo Only
	Total				82447.00	Rupees EightyTwo Thousand Four Hundred FourtySeven Only

Draft Schedule of quantity Checked and approved for Rs. 82,447/- only

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP)

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	Job-10			Estimated Cost:- Rs.98839 /-only.
				Earnest Money :- Rs.2000-only.
				Time :- Along With Civil Work

Schedule of Quanitity

Name of work:-C/o Sub Tehsil Office at Mandap Tehsil Dharmpur Distt Mandi (HP) Ground Floor & First Floor (SH:-Prov. E.I. there in.)

Sr. No.	Description	Qty.	Units	Estimated rate with all taxes includng GST etc. In Rs. P	Total amount with all taxes including GST etc. In Rs. P	Total amount with all texes including GSTetc. In words
1.00	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 medium class PVC conduit, with 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 respect as per entire satisfaction of Engineer-in- Charge. **i) Group C. Make:-Hevells / Finolex / RR Cable /KEI /Grandley**	34	Each	1283.00	43622.00	Rupees FourtyThree Thousand Six Hundred TwentyTwo Only
2.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make :-Havells (REO) , Goldmedal (GIFa) ,Anchor (Penta) ,Legrand (arteor) , L&T (Entice)**	4	Each	431.00	1724.00	Rupees One Thousand Seven Hundred TwentyFour Only
3.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make :-Havells (REO) , Goldmedal (GIFa) ,Anchor (Penta) ,Legrand (arteor) , L&T (Entice)**	4	Each	544.00	2176.00	Rupees Two Thousand One Hundred SeventySix Only
4.00	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 Nos 3 pin 5/6 A modular socket outlet and 3 Nos . 5/6 A modular switch, connections etc. complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make :-Havells (REO) , Goldmedal (GIFa) ,Anchor (Penta) ,Legrand (arteor) , L&T (Entice) .**	3	Each	871.00	2613.00	Rupees Two Thousand Six Hundred Thirteen Only

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5.00	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **i) Single pole Make :- Havells ,ABB , Legrand , L&T , Schneider , C&S .**	11	Each	241.00	2651.00	Rupees Two Thousand Six Hundred FiftyOne Only
6.00	Supplying and fixing following rating, followings poles 10ka 240/415v 'C' curves miniature circuit braker suitable for inductive load of following poles in the exsisting MCB DB complete with connections, testing and commissioning etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge.**Make :- Havells ,ABB , Legrand , L&T , Schneider , C&S .**					
6.01	40 DP	1	Each	1330.00	1330.00	Rupees One Thousand Three Hundred Thirty Only
6.02	63 A DP	1	Each	1479.00	1479.00	Rupees One Thousand Four Hundred SeventyNine Only
7.00	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. (But without MCB/RCCB/Isolator) as required complete in all respect as per entire satisfaction of Engineer- in- Charge. **Make :- Havells ,ABB , Legrand , L&T , Schneider , C&S .**					
7.01	4 way , Double door	1	Each	2064.00	2064.00	Rupees Two Thousand SixtyFour Only
7.02	12 way , Double door	1	Each	2570.00	2570.00	Rupees Two Thousand Five Hundred Seventy Only
8.00	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:-Hevells / Finolex / RR Cable /KEI /Grandley**					
8.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	60	Per Metre	209.00	12540.00	Rupees Twelve Thousand Five Hundred Fourty Only
8.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	50	Per Metre	315.00	15750.00	Rupees Fifteen Thousand Seven Hundred Fifty Only

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9.00	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required complete in all respect **Make:-Hevells / Finolex / RR Cable /KEI /Grandley**					
9.01	3 x 1.5 sq. mm	40	Per Metre	93.00	3720.00	Rupees Three Thousand Seven Hundred Twenty Only .
9.02	3 x 4 sq. mm	20	Per Metre	205.00	4100.00	Rupees Four Thousand One Hundred Only
10.00	Supplying and fixing of following sizes of PVC conduit along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required complete in all respect **i) 25 mm dia Make : Anchor / AKG / RKG / Precision / Diplast.**	20	Each	125.00	2500.00	Rupees Two Thousand Five Hundred Only
	Total				98839.00	Rupees NinetyEight Thousand Eight Hundred ThirtyNine Only

Draft schedule of quantity Checked and approved for Rs. 98,839/-only.

Executive Engineer
Electrical Division
HPPWD Mandi (H.P)

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