

**Himachal Pradesh
Public works Department**

No- PW-ESD / TH –Tender /2025-26
To,

390-91

Dated 03-03-2026

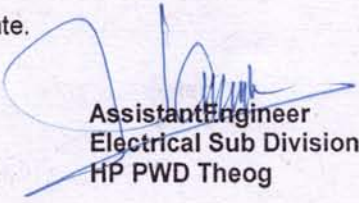
**The Executive Engineer (IT) Cell
Nigam Vihar Shimla**

Subject: -


**Publication of Tender Notice
Jai Hind**

Enclosed please find here with the Tender Notice of works as given in the Notice Inviting Tender for uploading on department website as per notification Pr-Secy.(PW0 to the Govt of Himachal Pradesh Letter No-PBW.(B)A(3)1/2024 dated Shimla -02 the 03-014-2024 as the works mentioned in the tender Notice are urgent in nature and in public interest.

D/A: - Notice Inviting Tender & Schedule of Quantity and Certificate.


**Assistant Engineer
Electrical Sub Division
HP PWD Theog**

Copy forwarded to the Executive Engineer Electrical Division
No-II HP PWD US Club Shimla-01 for further necessary action please.


**Assistant Engineer
Electrical Sub Division
HP PWD Theog**

cc-pwd-hp-@nic-in nirwan bhawan shimla .

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

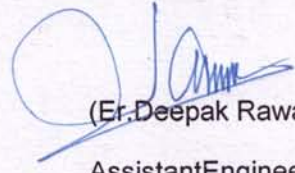
'NOTICE INVITING TENDER'

Sealed Percentage rate tender on the prescribed form, terms and conditions mentioned in form- 6 & 7, 8 are hereby invited for the following works by the undersigned from the approved firms/contractors, so as to reach in the office of the undersigned (i) Tender documents consisting of plans classes of work to be done and set of terms and conditions of contract to be complied with by the contractor/firms whose tender may be accepted and other necessary documents can be seen in the office of the Assistant Engineer between hours of 11.00 AM to 4.00 PM except on Sundays and public holidays. (2) The contractor who are not registered under HP general sale tax Act, 1968 and have not cleared all the dues on account of sale tax shall not be issued the tender documents. (3) The contractor who has no registration certificate with Excise and taxation department of HP will not be issued the tender documents (4) Tenders placed in sealed envelope with name of work and due date written on the envelope will be received by the undersigned and will be opened by him or his authorized representative in his office in the presence of contractors, present if any. (5) The earnest money in the shape of NSC/Time deposit account /saving account in any of the post offices of HP duly pledged in favour of undersigned must accompany with the tender in the separate envelope. The tenders without earnest money will summarily be rejected. (6) In case of holiday, the tenders shall be received and opened on the next working day. (7) Tenders of contractors who quote two or more than two rates for any item of work shall be rejected. (8) The competent authority on behalf of Governor of H.P reserves the right to reject any or all the tenders received without assigning any reason.

- (i) Last date of issue of tender documents: 03-03-2026 to 11-03-2026 to 5.00 P.M
(ii) Last date of receipt of bids: 12-03-2026 Up to 10.30 A.M
(iii) Date of bid opening: 12-03-2026 AT 11.00 A.M

- Work No. (I) Replacement of Damaged & burnt, MCCB DT 200Amps, LED Panel light . Mirror light ,street light in Rest House Fagu Distt Shimla (HP) Estimated cost Rs .95581 /- Earnest Money Rs 1912 /- Time one month Cost of form Rs 350 /-
- 2) Replacement of Damaged & burnt E.I accessories ,MCCB DT , Bus bar earth Earthing set in PSA Plant Room in Civil Hospital Hospital Theog Distt Shimla Estimated cost Rs 97620 /- Earnest Money Rs 1952 /- Time one month Cost of form Rs 350 /-
- 3) C/O Govt.Primary School at Gharayan in Tehsil Suni Distt. Shimla (SH:Providing E.I. in There in) Estimated cost Rs 97343 /- Earnest Money Rs 1947/- Time one month Cost of form Rs 350 /-
- 4) Repair Maintenance of 100 KVA DG Set Installed in COE Shilaroo Tehsil Theog Distt Shimla (HP) for the 2025-26 Estimated cost Rs 99000/- Earnest Money Rs 2000/- Time 7 days Cost of form Rs 350 /-
- 5) Annual Maintenance Contract 100 KVA DG Set Installed in COE Shilaroo Tehsil Theog Distt Shimla (HP) for the 2025-26 Estimated cost Rs 68500/- Earnest Money Rs 1400/- Time one year Cost of form Rs 350 /-

Cont- on page 02-----



(Er. Deepak Rawat)

Assistant Engineer,
Electrical Sub-Division
HPPWD, Theog

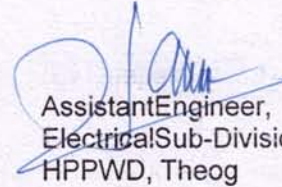
No.PW.-ESD/TH/Agreement/ 2025-26

392-96

Dated: 03-03-2026

Copy forwarded for information to the following

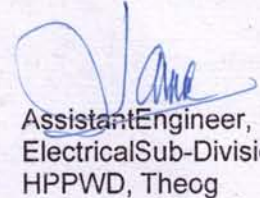
1. The Executive Engineer, Elect. Division No.II, HPPWD Shimla-2.
2. All the JE's under this Sub. Divn.
3. The Income tax Officer, Theog/ Shimla
4. All the approved contractors/firms/President Contractor .Association.
5. Notice Board.



Assistant Engineer,
Electrical Sub-Division
HPPWD, Theog

CERTIFICATE: -

IT IS CERTIFIED THAT THE TENDER FOR ABOVE WORK
IS URGENTLY REQUIRED IN PUBLIC INTEREST.



Assistant Engineer,
Electrical Sub-Division
HPPWD, Theog

Estimated Cost:-
Earnest Money:-
Time:-

95581

1912-2000/-

one month

EE

Draft schedule of quantity.

NAME OF WORK:- Replacement of Damaged & burnt ,MCCB DT 200Amps ,LED Panel light , Mirror light ,street light in Rest House Fagu Distt Shimla (HP)

Sr.No	Description of items	Qty	Rate		Unit	Amount
			in Figure	In words		
1.00	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
i	Bell push	4	127	Rs one hundred twenty seven only	Each	508.00
ii	15/16 A switch	2	143	Rs one hundred forty three only	Each	286.00
iii)	6 pin 15/16 A socket outlet	2	186	Rs one hundred feighty six only	Each	372.00
2.00	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.					
i	2 Module	6	113	Rs one hundred thirteen only	Each	678.00
ii	4 Module	2	139	Rs one hundred thirty nine only	Each	278.00
4.00	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.					
i	Single pole	10	241.00	Rs two hundred forty one only	Each	2410.00
5.00	Supplying and fixing following rating, followings poles 10ka 240/415v 'C' curves miniature circuit braker suitable for inductive load of following poles in the existing MCB DB complete with connections. testing and commissioning etc. as required.					
i	40 A DP	2	1330.00	Rs one thousand three hundred thirty only	each	2660.00

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6.00	S/E of MCCB 4 Pole 415 Volt. with Microprocessor Release for overload and short circuit protection breaking Capacity (Ics=100% Icu with positive isolation) with/ without Spreader/ Rotary Handle.	1	43827	Rs forty three thousand eight hundred twenty seven only	each	43827.00
i	MCCB 200/250 Amp. 36 ka 4 Pole Release with rotary handle					
7.00	S/E of LED Bluk head fitting 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.					
	Specification of LED fittings:					
A.	Wattage of LED fittings	As per following parameter.				
B.	Total lumens of the fittings.	as below				
C.	Diffuser	Polycarbonate diffuser/PMMA				
D.	Operating voltage	140 V to 270 V, AC supply or better.				
E.	Input frequency	50 Hz + 1 Hz				
F.	Power factor	Minimum 0.90				
G.	Luminaire efficacy	>80 lm/w				
H.	Color rendering index	CRI shall be greater than 80				
I.	Working/ operating temperature	0° to + 45°c or better				
J.	Color temperature	6000°K + 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 KV minimum				
vi)	Efficiency Driver	>85%				
vi)	Protection	Shall have under voltage and over voltage protection.				
L	Guarantee of LED fittings	2 years against manufacturing defect.				
M	including LED driver 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. 50000 burning hours at 70% lumen maintenance					
O	Life of LED						
	Lumen output of the fitting	1100	3	1126.00	Rs one thousand one hundred twenty six only	each	3378.00
10.00	S/E of LED Downlighter surface square 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.						
	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 + 1 Hz					
F	Power factor	Minimum 0.90					
G	Luminaire efficacy	>85 lm/w					
H	Color rendering index	CRI shall be greater than 80					
I	Working/ operating temperature	0° to + 45°c or better					
J	Color temperature	6000°K + 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	2 years against manufacturing defect.					
M	including LED driver Fixture	Should comply with LM 79 test from UL/NABL lab.					

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.	Lumen output of the fitting	Rate							
	1000	1801.00	4	Rs one thousand hundred one only	eight	each	7204.00		
	1500	1981.00	10	Rs one thousand hundred eighty one only	nine	each	19810.00		
65.00	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 to complete the job to the entire satisfaction of EIC.								
	65.02	Exhaust Fan, 200 mm sweep	3	2732	Rs Two thousand seven hundred thirty two only	each	8196.00		
00*	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. Specification of LED fittings:								
A.	Wattage of LED fittings	As per following parameter.							
B.	Total lumens of the fittings.	as below							
C	Diffuser	Polycarbonate diffuser/PMMA							

D	Operating voltage	140 V to 270 V, AC supply or better.					
E	Input frequency	50 Hz + 1 Hz					
F	Power factor	Minimum 0.90					
G	Luminaire efficacy	>100 lm/w					
H	Color rendering index	CRI shall be greater than 80					
I	Working/ operating temperature	0° to + 45° c or better					
J	Color temperature	6000°K + 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	2 years against manufacturing defect.					
M	including LED driver Fixture						
N	LED Type/ Make/ Model	Should comply with LM 79 test from ULNABL lab. 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. 25000 burning hours at 70% lumen maintenance					
O	Life of LED						
	Lumen output of the fitting	Rate					
	1000	4	547.00	Rs five hundred forty seven only	each	2188.00	
	2000	6	631.00	Rs six hundred thirty one only	each	3786.00	
	Total Rs.					95581.00	

Draft schedule of quantity approved for Rs. 95581/- (Rs Ninety-five Thousand, five hundred, eighty one only.)

*Assistant Engineer,
Electrical Sub Division, HPPWD, Theog, Shimla*

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Executive Engineer,
Electrical Division

Estimated Cost:- 97620

Earnest Money:- 1952

Time:- one month

EE

Draft schedule of quantity.

NAME OF WORK:- Replacement of Damaged & burnt E.I accessories ,MCCB DT , Bus bar earth Earthing set in PSA Plant Room in Civil Hospital Hospital
Theog Distt Shimla

Sr.No	Description of items	Qty	Rate		Unit	Amount
			in Figure	In words		
1.00	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
i	5/6 amps switch	8	88	Rs eighty eight only	Each	704
ii	15/16 A switch	2	143	Rs one hundred forty threeevonly	Each	286
iii)	3 pin 5/6 A socket outlet	2	114	Rs one hundred fourteen only	Each	228
iv)	6 pin 15/16 A socket outlet	2	186	Rs one hundred eighty six only	Each	372
2.00	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.					0
i	4 Module	4	139	Rs one hundred thirty nine only	Each	556
ii	6 Module	2	164	Rs one hundred forty threeevonly	Each	328
3.00	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. as required. (But without MCB/RCCB/Isolator)					0
i	12 way, Double door	1	2300.00	two thousand three hundred only	Each	2300

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4.00	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.						0
i	Single pole	6	241.00	Rs two hundred forty one only	Each	1446	
5.00	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.					0	
i	40 A DP	1	1330.00		each	1330	
6.00	S/E of MCCB 4 Pole 415 Volt. with Microprocessor Release for overload and short circuit protection breaking Capacity (Ics=100% Icu with positive isolation) with/ without Spreader/ Rotary Handle.					0	
i	MCCB 200/250 Amp. 36 ka 4 Pole Release with rotary handle	1	43827	Rs Forty three thousand eight hundred twenty seven only	each	43827	
7.00	Supplying and fixing TP&N copper bus-bar chamber suitable for 415 volts capacity with 4 No. copper strip bus-bars each of length and x-section suitable for following current carrying capacities, enclosure made of sheet steel having thickness of 1.6mm, dust protected, duly powder painted with detachable gland plate and other accessories including drilling holes on the board, making connections, earthing etc. as required.						
i	200 A Copper Busbar Chambers 24" (SS Enclosure)	1	11263	Rs eleven thousand two hundred sixty three only	each	11263	
8.00	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.						

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Specification of LED fittings:									
A.	Wattage of LED fittings	As per following parameter.							
B.	Total lumens of the fittings.	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	>100 lm/w							
H	Color rendering index	CRI shall be greater than 80							
I	Working/ operating temperature	0 ^o to + 45 ^o c or better							
J	Color temperature	6000 ^o K \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.							

N	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.						
O	Life of LED	25000 burning hours at 70% lumen maintenance						
	Lumen output of the fitting	Rate						
	1000		0	547.00	Rs five hundred forty seven only	each	0	
	2000		6	631.00	Rs six hundred thirty one only	each	3786	
9.00	Earthing with copper earth plate 600 mm X 600 mm X 3 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.		1	13689	Rs Thirteen thousand six hundred eighty nine only	Set	13689	
10.00	Providing and fixing 25 mm X 5 mm copper strip on surface or in recess for connections etc. as required.		15	1167	Rs one thousand one hundred sixtyseven only	Metre	17505	
	Total Rs.						97620	

Draft schedule of quantity approved for Rs 97,620/- (Rs Ninety Seven Thousand, Six hundred & twenty only.)

*Assistant Engineer,
Electrical Sub Division,
HPPWD, Theog, Shimla*

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haby
Executive Engineer,
Electrical Division No.-II,
HP PWD (U.S. Club) Shimla-1

Estimated Cost:-
Earnest Money:-
Time:-

97343
1947
one month

EE

Draft schedule of quantity.

NAME OF WORK:-C/O Govt.Primary School at Gharayan in Tehsil Suni Distt.Shimla (SH:Providing E.I. in There in)

Sr.No	Description of items	Qty	Rate		Unit	Amount
			infigure	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 steel 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.	22	1676	Rs one thousand six hundred seventy six only	Point	36872.00
2.00	Group C Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	30	407.00	Rs Four hundred seven only	Metre	12210.00
3.00	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.					
i	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	20	301.00	Rs three hundred none only	Metre	6020.00
ii	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	5	534	Rs five hundred thirty four only	Metre	2670.00
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 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	3	431.00	Rs Four hundred thirty one only	Each	1293.00
5.00	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.	2	544.00	Rs five hundred forty four only	Each	1088.00
6.00	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. as required. (But without MCB/RCCB/Isolator)	1	2570.00	Rs two thousand five hundred	Each	2570.00
	8 way, Double door					

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7.00	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.	6	241.00	Rstwo hundred forty one only	Each	1446.00
8.00	Supplying and fixing following rating, followings poles 10ka 240/415v 'C' curves miniature circuit braker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	1	1330.00	Rs one thousand three hundred thirty only	each	1330.00
9.00	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.	4	2802.00	Rs two thousand eight hundred two only	Each	11208.00
10.00	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.					
	Specification of LED fittings:					
A.	Wattage of LED fittings			As per following parameter.		
B.	Total lumens of the fittings.			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	>100 lm/w						
H	Color rendering index	CRI shall be greater than 80						
I	Working/ operating temperature	0° to + 45° c or better						
J	Color temperature	6000°K ± 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.						
N	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.						
O	Life of LED	25000 burning hours at 70% lumen maintenance						
	Lumen output of the fitting	Rate						
		LED Mirror light	0	547.00				each 0.00
		T-5	14	631.00				each 8834.00
								Rs six hundred thirty one only

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11.00	S/E of LED Bluk head fitting 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.					
	Specification of LED fittings:					
A.	Wattage of LED fittings	As per following parameter.				
B.	Total lumens of the fittings.	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	>80 lm/w				
H.	Color rendering index	CRI shall be greater than 80				
I.	Working/ operating temperature	0 ^o to + 45 ^o c or better				
J.	Color temperature	6000 ^o K \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 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.				

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				
	Lumen output of the fitting	1100	4	1126.00	Rs one thousand one hundred twenty six only	each 4504.00
12.00	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.		1	6458.00	Rs six thousand four hundred fifty eight only	Each 6458.00
13.00	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.		20	42.00	Rs forty two only	Metre 840.00 97343.00
			Total Rs.			

*Draft. Schedule of quantities approved for
R s. 97343=00 only Rupees. ninety Seven. Thousand
Three hundred forty three only*

**Assistant Engineer,
Electrical Sub Division,
HPPWD, Theog, Shimla**

Handy
**Executive Engineer
Electrical Division HPPWD
Division-II
US Club, Shimla-1**

Estimated cost Rs 99,000
Earnest money Rs 2000
Time 7 days

schedule of Quantity

Name of work :- Repair Maintenance of 100 KVA DG Set Installed in COE Shilaroo Tehsil Theog Distt Shimla (HP) for the 2025-26

Sr.No	Description of items	Qty.	Rate		Units	Amount
			In figure	Inwards		
1	Repair maintenance of AMF Panel for 100 KVA DG Set installed at shilaroo as per quotation attched following material is required for above DG Set as complete in all respect as per satisfaction of Er in -charge					
i	AMF Controller ET 8000	1	11500	Rs Eleven thousand five hundred only	each	11500
ii	Annunciator Tekhika make	1	5000	Rs five thousand only	each	5000
iii	AVF meter	1	5000	Rs five thousand only	each	5000
iv	RYB indicator	9	200	Rs two hundred only	each	1800
v	PLA realy with base	6	550	Rs Five hundred fifty only	each	3300
vi	200ATC main contactor	1	28500	Rs twenty eight thousand five hundred only	each	28500
vii	Earth fault realy	1	3700	Rs Three thgousand seven hundred only	each	3700
viii	panel rewiring	1	15000	Rs fifteen een thousand only	each	15000
ix	batter chargers 12 V 10AAmps	1	3200	Rs Three thousand two hundred only	each	3200
x	200A Flat handle overload 4 pole changeover switch with Enclsoure	1	22000	Rs Twenty two thousand only	each	22000
	Total Rs.					99,000

*Draft schedule of quantity approved job
@ 500/- only
RS. 99,000/- (RS Ninety Nine Thousand only.)*

Note :- The Credit for dismantalled materials will be recovered from the contractor

Assistant Engineer,
Electrical Sub Division,
HPPWD, Theog, Shimla

Executive Engineer,
Electrical Sub Division,
HPPWD, Theog, Shimla

Estimated cost Rs 68,500 ✓
 Earnest money Rs 1400 ✓
 Time one year ✓

schedule of Quantity

Name of work :- Annual Maintenance Contract 100 KVA DG Set Installed in COE Shilaroo Tehsil Theog Distt Shimla (HP) for the 2025-26

Sl. No	Description of items	Qty.	Rate		Units	Amount
			In figure	Inwords		
1	Annual maintenance for 10 0 KVA DG Set complete as per quotation in all respect such as CYL. HEAD JOB, TOP OVERHAULING AND MAJOR OVERHAULING, descaling of Radiator/Heat exchanger, coil cooler, repairing of water pump, turbo charger, ACC drive, after cooler, self-starter, battery charging alternator, cleaning of diesel tank and repair & calibration of sub-assemblies (i.e. Electronic Controller, Injectors, PT pump) change of lubricant oil, engine oil , Lub oil filter Diesel Filter ,Elemrnt of Air cleaner 5 ltrs coolant change each servicing self & charging alternator cleaning and testing checking of minor fault removal ,general servicing & complete cleaning of DG Set two nos annual services , monthly visit and 24x7 emergency call completein all respect as per satisfaction of Er in -charge	1	68500	Rs Sixty eight Thousand Five hundred only ✓	each	68500
2	In addition to above the contractor will attend the complaint when there is fault in D,g set with in 12 hours . It will be responsibility of the contractor that the DG Set are run smoothly during thye contract period					
Total Rs.						68500

Draft schedule of quantity approved for
Rs 68,500/- = Rs Sixty eight thousand,
of five hundred only.
Wald
 Assistant Engineer,
 Electrical Sub Division,
 HPPWLS, Theog, Shimla
 Executive Engineer,

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