

HIMACHAL



PRADESH

PUBLIC WORKS DEPARTMENT

No.PW/NESD/NIQ/2025-26- **84-87**
To

Dated: **17/06/2025**

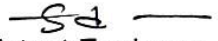
✓ The Executive Engineer (IT)
Nirman Bhawan HPPWD
Shimla-02

Subject:- Publication of tender Notice.

Respected Sir,


In connection to the above cited subject enclosed please find herewith the tender notice of works as given in the notice inviting tender for uploading on the department website as per Notification vide Pr. Secy. (PW) to Govt. of Himachal Pradesh letter No PBW (B) /2020 Dated:-27th may 2021 and PBW (B) A03) /2020 dated:-16th july 2021 as the works mentioned in the tender notice is (are) urgent in the nature of public interest.

DA:-AS Above


Assistant Engineer
Electrical Sub Division
HP.PWD, Nahan

Copy to :-

1. Superintending Engineer Electrical 1st circle HPPWD Kasumpti Shimla-9 for favour of information please.
2. Copy to Executive Engineer Electrical Division No. 1 HPPWD Kasumpti Shimla-9 for favour of information please.
3. Copy to Computer cell O/o Executive Engineer (I.T.) Cell , Nirman Bhawan HPPWD Shimla-09.


Assistant Engineer
Electrical Sub Division
HP.PWD, Nahan

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

NOTICE INVITING TENDER

Sealed items/ percentage rate tender (s) on PWD form No 6, 7 & 8 are hereby invited by the Assistant Engineer, Electrical Sub Division HP PWD, Nahan on behalf of Governor of HP for the following works from the approved and eligible contractors/ firms of appropriate class enlisted in HPPWD electrical wing as per the latest instructions so as to reach in this office as per time schedule given below. The offer of the tender will be kept open for 90 days from the date of opening the tenders. The undersigned reserves the right to accept/ reject any application/tender or all the tenders without assigning any reason.

Date of receipt of application for the tender form

24-06-2025 upto 12:00 PM

Date of issue / Sale of the tender forms

24-06-2025 from 02:00 PM To 04:00 PM

Date of Opening of the tenders

25-06-2025 at 11:00 AM

The tender shall be received upto 10:30 AM on 25-06-2025

the and will be opened on the same day at 11:00 AM in the presence of the intending contractor or their authorized representatives who may like to present. The tender form can be had from this office against cash payment

(Non refundable) on 24-06-2025 from 2:00 PM to 4:00 PM.

The earnest money in the shape of National Savings Certificate / Deposit at call/ time Deposit/Account/in any of the Post Office/ Nationalized bank in H.P. duly pledged in favour of Assistant Engineer Electrical Sub Division HPPWD Nahan must accompany with each application. Conditional tender and the tender received without earnest money will simultaneously be rejected.

SNo	Name of work	Estimated cost	Earnest Money	Time Limit	Cost of form	Eligible class of contractor
1	C/o Govt. Sr. Sec. School Rampur Ghat in Tehsil Paonta Sahib district-Sirmour (HP) (SH:- C/o One No. Additional class Room with Verandah on Ground Floor) (SH-Providing EI Therein)	60004	1210	2 Months	350	D & C
2	Providing ceiling Fans, LED Tube Light in record room for Court No.1 and replacement of Damaged PVC Pipe & Cable for solar system in the court complex at Paonta-Sahib District Sirmour H.P.	62332	1250	2 Months	350	D & C
3	Providing Wiring For A.C. in CJM & JMIC court at Court Complex Nahan, Distt. Sirmour(H.P.)	76268	1550	2 Months	350	D & C
4	AMC of 180 KVA D.G. set installed at Civil Hospital Paonta-Sahib, District Sirmour (H.P.) for the year 2025-26	88264	1800	1 year	350	Specialized
5	Rewiring to EI in H P P W.D. Rest House at Paonta Sahib, District Sirmour (HP) (SH:- Replacement of SOP Cable and Providing Balance work of EI therein)	91865	1837	2 Months	350	D & C

Certified that tender of above works are being called of emergent nature in exigency of public interest.

Terms & conditions :-

- 1 The undersigned reserve the rights to reject the tender at any time without assigning any reason.
- 2 No contractor or his accredited agent shall be permitted to participate in the completion unless he hold a valid wiring licence and has been duly registered the appropriate class in the department.
- 3 No person/persons other than the contractor shall be issued tender document unless he /they hold power of attorney duly registered under law
- 4 The Latest renewal enlistment order must accompany the application failing which tender documents shall not be issued
- 5 The tender of those contractors who are registered under the Himachal Pradesh general sales tax act 1968 and who have cleared all the dues on account of tax be entertained.
- 6 The tender amount should be in the limit of (+) 5 % to (-) 10%, as per notification 07.10.2021 and 10.05.2023 shall be applicable for bid price lower than -10% and more than +5%

— S d —
Assistant Engineer,
Electrical Sub Division,
HP PWD, Nahan

Dated:-17-06-2025

No.PW-NESD-NIQ-2025-26-68-83

Copy forwarded to the following:-

- 1 Engineer in Chief HP PWD Shimla for information please.
- 2 Chief Engineer(South)Nirman Bhawan Nigam Vihar Shimla for information please.
- 3 Superintending Engineer, 1st Electrical Circle, HP PWD Shimla-9 for information please..
- 4 The Executive Engineer (IT) O/O Engineer In Chief HPPWD Shimla Through email:-eeict-pwd-shi@hp.gov.in & cc-pwd-hp@nic.in for uploading the same on HPPWD web portal.
- 5 Executive Engineer, Electrical Division No.1 HP PWD, Shimla-9 for information please.
- 6 Assistant Engineer Electrical Sub Division No.I & II.
- 7 All the approved contractor in Electrical
- 8 Notice Board

Assistant Engineer,
Electrical Sub Division,
HP PWD Nahan

Estimated Cost:-

Earnest Money:-

Time:-

60057

1204

15 Days

60004.00

1210.00

7200 months

Draft schedule of quantity.

Name of Work:-C/o Govt. Sr. Sec. School at Rampur Ghat in Tehsil Paonta Sahib district-Sirmour (HP)

(SH:- C/o One No. Additional class Room with Verandah on Ground Floor)

(SH:-Providing EI Therein)

Sr.No	Description of items	Qty.	Rate		Units	Amount
			In Figure	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.					
i	Group C	5	1283	One Thousand two hundred Eighty Three Only	Each	11547
2	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	14	315	Three Hundred Fifteen Only	Mtr	4410
3	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.					0
i	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	14	209	Two Hundred Nine Only	Mtr	2926
ii	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	12	253	Two Hundred Fifty Three Only	Mtr	3036
iii	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	25	425	Four Hundred twenty Five Only	Mtr	10625
4	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.	1	431 406	Four Hundred six Only	Each	431 406
5	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.	1	544 422	Six Hundred twenty two Only	Each	544 422
6	Supplying and fixing electrical switch board, having 3 No. of 5 amp. switches and socket on suitable size of metal box of 75mm deep 12 module (200mmX150mm) on surface or in recess with suitable modular sheet cover in the front i/c providing and fixing 3 No. 5 pin 5/6 amp socket outlet and 5/6 amp modular type switch, connection, painting etc.as req. (For light plugs).Make:- havells, Anchor or any other approved by the Engineer in Charge .	1	993	Nine Hundred Ninety Three Only	Each	993
	S/E of LED Batten with aluminium extrusion housing 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:- Wattage of LED fittings :-As per following parameter. Total lumens of the fittings. :-as below					

7	<p>Diffuser :-Polycarbonate diffuser/PMMA</p> <p>Operating voltage :-140 V to 270 V, AC supply or better.</p> <p>Input frequency :-50 Hz + 1 Hz</p> <p>Power factor :-Minimum 0.90</p> <p>Luminaire efficacy :->110 lm/w</p> <p>Color rendering index:-CRI shall be greater than 80</p> <p>Working/ operating temperature :-0°C to + 45° C or better</p> <p>Color temperature :-6000°K + 10%</p> <p>Electronic Driver :-</p> <p>Drive current (LED):-As per OEM.</p> <p>Operating voltage :-140 V to 270 V AC supply or better</p> <p>Type of driver :-Constant current output driver</p> <p>THD :-Less than 10%</p> <p>Surge Protection :-2.5 KV minimum</p> <p>Efficiency Driver:->85%</p> <p>Protection:-Shall have under voltage and over voltage protection.</p> <p>Guarantee of LED fittings including LED driver :-2 years against manufacturing</p> <p>Fixture :-Should comply with LM 79 test from UL/NABL lab.</p> <p>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.</p> <p>Life of LED:-50000 burning hours at 70% lumen maintenance</p>					
i	LED Batten Light (2200 Lm)	5	860	Eight Hundred Sixty Only	Each	4300
8	<p>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.</p> <p>Specification of LED fittings:-</p> <p>Wattage of LED fittings :-As per following parameter.</p> <p>Lumen output of the fitting:-as below</p> <p>Diffuser :-Polycarbonate diffuser/PMMA</p> <p>Operating voltage :- 140 V to 270 V, AC supply or better.</p> <p>Input frequency :-50 Hz + 1 Hz</p> <p>Power factor :-Minimum 0.90</p> <p>Luminaire efficacy :->100 lm/w</p> <p>Color rendering index:-CRI shall be greater than 80</p> <p>Working/ operating temperature :-0°C to + 45° C or better</p> <p>Color temperature :-6000K + 10%</p> <p>Electronic Driver</p> <p>Drive current (LED):-As per OEM.</p> <p>Operating voltage :-140 V to 270 V AC supply or better</p> <p>Type of driver :-Constant current output driver</p> <p>THD :-Less than 10%</p> <p>Surge Protection :-2.5 KV minimum</p> <p>Efficiency Driver:->85%</p> <p>Protection:-Shall have under voltage and over voltage protection.</p> <p>Guarantee of LED fittings including LED driver :-2 years against manufacturing defect</p>					

	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					
i	Round LED Down Light Surface (1500 Lm)	2	1981	One Thousand Nine hundred Eighty one Only	Each	3962
9	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), THID 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.					0
i	Ceiling Fan 1200 mm sweep	2	2802	Two Thousand Eight hundred two only	Each	5604
10	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	3	241	Two Hundred Fourty one Only	Each	723
11	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.					0
i	40 A DP	1	1330	One Thousand three hundred thirty Only	Each	1330
12	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	6 way , Double door	1	2187	Two tousand one hundred eighty Seven only	Each	2187
13	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	Six Thousand four Hundred Fifty Eight Only	Set	6458
14	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	16	58	Fifty Eight only	Mtr	928
Total(₹)						60057

Assistant Engineer
Electrical Sub Division
HP PWD NAHAN

DNR No 41 for the year 2024-25
duly approved for Rs:- 60,004/- only.

Executive Engineer,
Electrical Division No-I
HP PWD, Shimla-171009

Estimated Cost:-
Earnest Money:-
Time:-

62332-
62385-
1400-12500
15 Days-
Two months

Draft schedule of quantity.


Name of work:- Providing Ceiling Fans, LED Tube Lights in record room for Court No.-I and replacement of Damaged PVC Pipe & Cable for Solar System in the court Complex at Paonta Sahib, District-Sirmour HP

Sr.No	Description of items	Qty.	Rate		Units	Amount
			In Figure	In Words		
1	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	15	315	Thre Hundred Fifteen Onle	Mtr	4725
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					0
i	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	20	253	Two Hundred fifety Three Only	Mtr	5060
ii	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	35	425	Four Hundred Twenty Five Only	Mtr	14875
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.					0
i	25 mm	75	125	One Hundred twenty Five Only	Mtr	9375
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.					0
i	2 x 2.5 sq. Mm	75	96	One Hundred thirty Seven only	Mtr	7200
5	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A modular socket outlet and 5/6 A modular switch, connections etc. as required.	1	431.00 406	Four Hundred Six Only	Each	431.00 406
6	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 A modular socket outlet and 15/16 A modular switch, connections etc. as required.	1	544.00 622	Six Hundred twenty Two only	Each	544.00 622
7	Supplying and fixing electrical switch board, having 3 No. of 5 amp. switches and socket on suitable size of metal box of 75mm deep 12 module (200mmX150mm) on surface or in recess with suitable modular sheet cover in the front i/c providing and fixing 3 No. 5 pin 5/6 amp socket outlet and 5/6 amp modular type switch, connection, painting etc.as req. (For light plugs).Make:- havells, Anchor or any other approved by the Engineer in Charge .	1	993	Nine Hundred ninety Three Only	Each	993

8	<p>S/E of LED Batten with aluminium extrusion housing The fitting should be installed on existing surface The job includes carriage, erection, making connections testing and commissioning of the fittings.</p> <p>Specification of LED fittings:- 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 :->110 lm/w Color rendering index:-CRI shall be greater than 80 Working/ operating temperature :-0°C to + 45° C or better Color temperature :-6000°K + 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 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</p>	4	860	Eight Hundred Sixty One	Each	3440
9	<p>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.</p>	4	2802	Two Thousand Eight Hundred two Only	Each	11208
i	Ceiling Fan 1200 mm sweep					

10	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	4	241	Two Hundred Fouty One Only	Each	964
11	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.					0
i	40 A DP	1	1330	One Thousand three hundred Thirty only	Each	1330
12	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	6 way , Double door	1	2187	Two thousand one hundred eighty Seven Only	Each	2187
TOTAL						62385

Less Recovery for Dismantal material @ ₹ 500/- Only


Assistant Engineer
Electrical Sub Division
HP PWD NAHAN

DNITotal 42 for the year 2024-25 duly
approved for Rs. 62,332/- only.


Executive Engineer,
Electrical Division No-I
HP PWD, Shimla-171009

DNIT

Name of work:-Providing Wiring For A.C. in CJM & JMIC court at Court Complex Nahan, Distt. Sirmour(H.P.)

Estimated Cost:-76268 ✓

Earnest Money:-1550 ✓

Time Limit:-2 Months ✓

SNO.	DESCRIPTION	QTY	UNIT	RATE	RATE IN WORDS	Amount
1	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	100	per mtr	335	Three Hundred Thirty Five	33500
2	Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 2 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	50	p/mtr	583	Five Hundred Eighty Three	29150
3	Supplying & fixing suitable size AC box including GI box with modular plate and cover in front on surface or in recess i/c providing & fixing 20 amp modular socket outlet and 20 amp modular SP MCB,"C" curve including connections,painting etc as required	4	Each	646	Six Hundred Forty Six	2584
4	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. Approved make Havells,L&T , ABB, legrand ,Schneider & C&S.					
4 01	63 A DP	4	Each	1549	One Thousand Five Hundred Forty Nine	6196
5	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) Approved make Havells,L&T ABB, legrand ,Schneider & C&S					
5 01	6 way Double door	2	Each	2419	Two Thousand Four Hundred Nineteen	4838
	Total					76268

Certified that tender of above work are being called of emergent nature in exigency of public interest.

Assistant Engineer
Electrical Sub Division
HP PWD NAHAN

DNIT No 24 for the year 2024-25 duly
approved for Rs- 76268/- only

Executive Engineer,
Electrical Division No-I
HPPWD, Shimla-171009

Estimated Cost:-

₹ 88,264

Earnst Money:-

₹ 1,800

Time:-

1 year

Draft schedul of quantity.

Name of Work :-AMC of 180 KVA DG set installed at Civil Hospital Poanta sahib,District Sirmour(H.P.) for,the year 2025-26

Sr.No	Description of items	Qty.	Rate(In Figure)	Rate(In Words)	Units	Amount
1.00	A.M.C of 180 KVA D.G set installed in Civil Hospital Poanta Sahib,District Sirmour(H.P.). The following will be the scope of Preventive Maintainance	1	30680	Thirty Thousand Six hundred eighty only	p/joo	30680
1.01	Two Visits in a Year to check the general condition of a Machine & check and set operation parameters as specified by company					
1.02	Service of D G sets will be carried out strictly as per Cummins Norms and all spare parts will be charged extra					
1.03	Lube oil and filter change will be carried out strictly as per Cummins Norms					
1.04	Replacement of Air cleaner element as per Cummins Norms					
1.05	Check and monitor the performance during each visit					
1.06	To check ensure optimum performance of sub-Assemblies of Machine					
1.07	To check fuel timings tappet clearance etc for Diesel Engines and reset the same as req					
1.08	to check all the fasteners					
1.09	To check and set operation of warning Devices					
1.10	To check and set operational parameters of breakdown of Engines					
1.11	Labour charges will not claim for above mentioned work					
1.12	Six Emergency visits in a year to check the general condition of a Machine & check and set operation parameters as specified by company					
1.13	Cost extra for outer work which will be done in market rate as per site requirement					

2.00	Price for spares used for scheduled service will be charged extra as below					
2.01	Diesel filter (2Nos service)	2	2950	Two thousand nine hundred fifty only	Each	5900
2.02	Water Separator filter (2 Nos service)	2	3776	Three Thousand Seven Hundred seventy Six only	Each	7552
2.03	Lube oil Filter (2 Nos service)	2	3776	Three Thousand Seven Hundred seventy Six only	Each	7552
2.04	Water Filter (2 Nos service)	2	826	Eight hundred twenty six Only	Each	1652
2.05	Air Filter (2 Nos service)	2	7080	Seven thousand eighty only	Each	14160
2.06	oil 15W 40 vavoline cummins (2 Nos service)	2	7670	Seven thousand six hundred seventy only	per 20 ltr	15340
2.07	Coolant 5L(2 Nos service)	2	2714	Two thousand seven hundred fourteen only	Each	5428
TOTAL						₹ 88,264

Assistant Engineer
Electrical Sub Division
HP PWD NAHAN

DNIT No 47 for the year 2015-16 duly
approved for Rs. 88264/- only

Executive Engineer,
Electrical Division No-1,
HP PWD, Kasumpti, Shimla-9

Estimated Cost:-
Earnest Money:-
Time:-

91865.00
1837.00
2 monthy 20 Days

Draft schedule of quantity.

Name of work:-Rewirng to EI in H.P.P. W.D. Rest House at Paonta Sahib, District Sirmour (HP)(SH:- Replacement of SOP cable and Providing Balance work of EI therein)

Sr.No	Description of items	Qty.	Unit	Rate(In Figure)	Rate(In Words)	Amount
1	Providing & Laying of one number aluminium conductor, PVC insulated and PVC sheathed armoured/ XLPE power cable, 1.1 KV grade of following sizes on wall surface as required.					
i	Armoured cable 25 sq. mm (3.5 core)	30	Mtr	445	Rupees Four Hundred fourty five only	13350
ii	Armoured cable 70 sq. mm (3.5 core)	40	Mtr	1009	Rupees One Thousand Nine Only	40360
2	<p>S/E of LED Batten with polycarboante body and diffuser The fitting should be installed on existing surfaceThe job includes carriage, erection, making connections testing and commissioning of the fittings.</p> <p>Specification of LED fittings:- 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°C to + 45° C or better Color temperature :-6000°K + 10%</p> <p>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.</p> <p>Guarantee of LED fittings including LED driver :-2 years against manufacturing defect.</p> <p>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</p>					

	Life of LED :-25000 burning hours at 70% lumen maintenance	16	Each	547	Rupees Five hundred forty Seven Only	8752
i	LED Batten Light 1000 Lm					
3	<p>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.</p> <p>Specification of LED fittings:-</p> <p>Wattage of LED fittings :-As per following parameter.</p> <p>Lumen output of the fitting :-as below</p> <p>Diffuser :-Polycarbonate diffuser/pmma</p> <p>Operating voltage :-140 V to 270 V, AC supply or better.</p> <p>Input frequency :-50 Hz + 1 Hz</p> <p>Power factor :-Minimum 0.90</p> <p>Luminaire efficacy :->100 lm/w</p> <p>Color rendering index :-CRI shall be greater than 80</p> <p>Working/ operating temperature :-0°C to + 45° C or better</p> <p>Color temperature :-6000°K + 10%</p> <p>Electronic Driver :-</p> <p>Drive current (LED) :-As per OEM.</p> <p>Operating voltage :-140 V to 270 V AC supply or better</p> <p>Type of driver :-Constant current output driver</p> <p>THD :-Less than 10%</p> <p>Surge Protection :-2.5 KV minimum</p> <p>Efficiency Driver :->85%</p> <p>Protection :-Shall have under voltage and over voltage protection.</p> <p>Guarantee of LED fittings including LED driver :-2 years against manufacturing defect.</p> <p>Fixture :-Should comply with LM 79 test from UL/NABL lab.</p> <p>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.</p> <p>Life of LED :-50000 burning hours at 70% lumen maintenance</p>					
i	Square LED Down Light 1500 lm	15	Each	1735	Rupees One Thousand seven hundred thirty five only	26025
	<p>S/E of LED bulk head IP 66 rated with aluminium body/PDC housing The fitting should be installed on existing surface The job includes carriage, erection, making connections testing and commissioning of the fittings.</p> <p>Specification of LED fittings:-</p> <p>Wattage of LED fittings :-As per following parameter.</p> <p>Total lumens of the fittings. :-as below</p> <p>Diffuser :-Polycarbonate diffuser/PMMA</p> <p>Operating voltage :-140 V to 270 V, AC supply or better.</p> <p>Input frequency :-50 Hz + 1 Hz</p>					

4	Power factor :-Minimum 0.90 Luminaire efficacy :->80 lm/w Color rendering index:-CRI shall be greater than 80 Working/ operating temperature :-0°C to + 45° C or better Color temperature :-6000°K + 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 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 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									
	LED Bulk Head 10 Watt (800 Lm)					3	Each	1126	Rupees one thousand one hundred twenty six only	3378
	TOTAL									91865
	i									

Certified that tender of the above works are being called of emergent nature in exigency of public interest.

Less dismentle credit for material @ 1000/- only

Assistant Engineer
Electrical Sub Division
HP PWD NAHAN

DNIT No 46 for the year 2015-16
daily approved for Rs-
91865/- only.

Executive Engineer,
Electrical Division No-1,
HP PWD, Kasumpti, Shimla-9