

HIMACHAL PRADESH  **PUBLIC WORKS DEPARTMENT**
Office of the Executive Engineer, Electrical Division No.1, HPPWD, Shimla-9
Web. www.hppwd.gov.in E-mail: ee-eled1-hp@nic.in Phone/Fax No.0177-2621398

No. PW-ED-AB – Tender /2024-25 - 4047-49

Dated:- 5/11/2024

To
✓ The Executive Engineer (IT)
Nirman Bhawan HPPWD
Shimla-2.


Subject:- Publication of Tender Notice.

Sir,


Jai Hind

Please find herewith the tender notice of works as given in the notice inviting Tender uploading on department website as per Notification vide Pr. Secy. (PW) to Govt. of Himachal Pradesh letter PBW(B)1 2020 dated 27th May 2021 and PBW(B)A(3)/2020 dated 16th July 2021 and even file date 12.01.20 the works mentioned in the tender Notice is (are) urgent in nature and public interest.

D.A:- As above


Executive Engineer,
Electrical Div No-1,
HP.PWD Shimla-9.

1. Copy to the Superintending Engineer, Electrical Circle, Shimla for information please.
2. Copy to the Computer cell O/O the Executive Engineer (IT Cell) Nirman Bhawan Nigam Vihar Shimla-2.


Executive Engineer,
Electrical Div No-1,
HP.PWD Shimla-9.



HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

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"Notice Inviting Tender"

Sealed percentage rate tenders are hereby invited by the Executive Engineer. Electrical Division No. I HPPWD Shimla-9 in form No.6 & 8 on behalf of Governor of H.P. for the following works from the contractors of appropriate class enlisted with HPPWD (Electrical). The tenders shall be opened in the presence of contractors/firms or their authorized representative who wish to be present.

TIME SCHEDULE OF TENDER

- (i) Last date of receipt of application:
- (ii) Date of sale of tenders
- (iii) Last date of receipt of bids: -
- (iv) Date of bid opening: -

11.11.2024 Up to 1.00 P.M
11.11.2024 Up to 2 PM to 5.00 PM
12.11.2024 Up to 10.30 A.M
12.11.2024 at 11.30 A.M

Sr. No.	Name of Work	Estimated Cost	EMD	Time:	Cost of Tender	Class of contractor Eligible
1	R/O Central Heating plant in DDU Hosptial at Shimla for the year 2024-25 9 w.e.f 1.11.2024 to 15.03.2025).	Rs.3,33,184/-	6670/-	4.5 Months	350/-	specialized
2	Annual Maintenance contract (AMC) of 2 Nos. passenger Lift (OTIS make) in premises of HP. High Court M/C No. JOO5125 & JOO5126) for the year 2024-25 w.e.f 01-08-2024 to 31-08-2025.	Rs. 3,25,336/-	6510/-	One Year	350/-	specialized
3	Annual Maintenance contract (AMC) of 2 Nos. passenger Lift (OTIS Make) in premises of HP, High Court MH No. 6311 & No. MH 6312) for the year 2024-25 w.e.f 01-08-2024 to 31-07-2025.	Rs. 3,94,402/-	7890/-	One Year	350/-	specialized
4	Annual maintenance contract (For 1 year) & special repair of 1 Nos Johnson make Machine No L-J6726 lift installed in Mini Sectt. Building Solan (H.P)	Rs. 1,94,124/-	3890/-	One Year	350/	specialized
5	S/R to Electrical installation of Himachal Sewa Sadan Building at sector 25 West Chandigarh (SH:- Replacement of damaged Electrical fixture, wires, cable, switchgear & other accessories with new one).	Rs. 4,99,486/-	10000/-	Two Months	350/	C
6	S/R to Electrical installation of Himachal Sarai Bhawan Sector-24 Chandigarh (SH:- Replacement of damaged Electrical fixture, wires & other accessories with new one	Rs. 1,46,502/-	2950/-	Two Months	350/	D
7	Special repair to E.I in Room No. 124, 4 & 5 Basement, 26 Ground Floor, 4 Ground Floor, B&R PWD sub Division, Hon'ble CM Lift & outside, GAD work shop Majitha House, record room, PWD Elect. Sub Division, CM Pantry, CM Meeting room, CS Committee room 224, Deputy CM, 337, 318 204, 209 CM Parking, 329, Cabinet Hall at Ellerslie Building HP Sectt. Shimla-2.	Rs. 2,73,467/-	5500/-	Two Months	350/	D

TERMS AND CONDITIONS:-

1. The earnest money in the shape of National Saving certificate. Time deposit account in any of the post office HP/FDR or any Bank duly pledged in favour of Executive Engineer, Elect Division No II HPPWD Shimla- accompanied with the application for receipt of tender form along with cost of form.
2. The contractor/firm should possess the following documents (photo copy to be self attested with application for obtaining the tenders documents.
 - a) Latest enlistment/renewal orders with application for electrical works.
 - b) GST Number issued by the Sale Tax Department.
 - c) PAN (Permanent Account Number) issued by the Income Tax Department and copy of EPF issued from competent authority.
3. The Executive Engineer, Electrical Division No.II, HPPWD Shimla-1 reserves the right to reject any tender without assigning any reason(s)
4. The Cess charges @ 1% will be deducted from the gross amount of work done of the contractor.
5. The work will be completed by the contractor within the stipulated period.
6. The tender shall be issued to only those contractor/firms who are eligible suitable and competent.
7. The tender forms shall be issued to eligible contractors depending upon their past performance and work experience which shall be duly evaluated by the technical evaluation committee.
8. The contractor /firm having necessary documents and past adequate experience shall be preferred.
9. The contractor who has failed to start/complete the work already allotted in his favor within stipulated period shall not be issued tender forms.
10. A contractor enlisted in a particular class be eligible to tender for his own class and one step below
11. Only three number tender forms will be issued to the eligible contractor.
12. If any kind of holiday to be happened, the tender shall be opened on the next working day at 11.30 a.m.
13. GST will be deducted as per rates fixed by the Government.
14. For Sr. No. 1 & 2 work done certificate shall be required.

CERTIFICATE:-

It is to certify that tender for the above works are urgently required.

No.PW.ED.II.GA.Tender/2024-2025- Dated:-

Copy forwarded to the following for information :-

1. Deputy Commissioner Shimla.
2. Chief Engineer (SZ), Nirman Bhawan, Nigam Vihar, HPPWD, Shimla-2.
3. The Superintending Engineer, 1st Electrical Circle, HPPWD, Shimla-9.
4. All the Assistant Engineers working under this Division,
5. All the intending contractors in HPPWD
6. Notice Board.

 Executive Engineer,
Electrical Division No.I,
HPPWD, Kasumapti Shimla-9.

 Executive Engineer,
Electrical Division No.I,
HPPWD, Kasumapti Shimla-9.

DRAFT SCHEDULE OF QUANTITY

name of work:- R/O Central Heating plant in DDU Hospital at Shimla for the year 2024-25 9 w.e.f 1.11.2024 to 15.03.2025).

Estimated Cost Rs. :- 333184.00
Earnest Money Rs. :- 5570.00
Time:- 4.5 Months

No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1.00	Running and Operation of Central Heating / HVAC system as per the time period and description below.					
1.01	Running and Operation shall mean the operation of all the Electrical & Mechanical equipments forming part of the Central heating system, including Air handling unit, cleaning the Machinery, Oiling & Greasing the Motors, fans and other moving parts, fault attending, erecting of fuses, minor adjustments, checking of water and air pressure, filling of Gland -Dori, cleaning agents, soap, detergents, cloth & emery paper, maintaining the day to day log-book of temperature and relative humidity, complete in all respects as per the satisfaction of Engineer-in-charge.					
1.02	This also include deployment of Electricians/Technician / pump operator /pump -operator - cum- helper for running and operation of Central Heating/ HVAC System as per mentioned time schedule in shift manner uptill the time period of contract.					
1.03	This also includes the minor repairs, maintenance of plant Equipments, Operation and Testing of system i.e. Boilers, Motor, Pumps, Water pipe and risers, Heating units, Sluice valves Electrical panel system and distribution of water supply, complete in all respects as desired by the Engineer-in-charge.					
1.04	R/O Central Heating plant in DDU Hospital at Shimla for the year 2024-25 9 w.e.f 1.11.2024 to 15.03.2025). complete as described above.	608.00 days	548.00	Rupees Five Hundred Forty Eight Only	Per day	333184.00
Conditions:-						333184.00

i The Contractor shall have to deploy at least one No. Trained Electricians/Technician/Pump Operator/ Fireman/ Pump-operator-cum-helper in the shift manner for the job. The number of such shifts shall not be less than 3.00 (Three) in one day i.e 24 hours. The person shall have to be familiar about the system and equipments installed in the building. The contractor Shall be fully equipped with necessary testing and safety equipments and shall follow all the safety measures strictly.

ii This contract shall cover the annual i.e 12 Months maintenance, running operation and testing of the fire fighting and Fire alarm system as per the scope of the work contained in the main abstract.

iii This will also include the minor repair, such as replacement of MCP glasses, Panel Cards, Rubber Gasket, Bearing for motor pumps, fuses Links, Gland Dory etc. As and when required.

iv Competent service engineer/technician will be required to attend break down calls as and when intimated within the least possible time but not more than 24 hours in any case, there is no limit of break down call. The sole responsibility shall be of the firm to keep the whole system in running condition round the clock.

v The Contractor will ensure that control system in attended/maintained round the clock by his competent staff to ensure timely action in case of fire hazards. Any accident or damage during maintenance/operation will be the responsibility of the contractor and the Employer will not entertain any claim, compensation, and penalty, on this account or on account of non observation of any other requirement of law relevant to his work.

vi The work shall be carried out as per direction and up to the satisfaction of Engineer-in-Charge.

vii The contractor shall have to submit the detail of person employed to the department with the address/ID proof.

viii The Contractor Shall have to ensure the entry of only authorized persons into the building/control room. He Shall ensure the safety of all the system equipments and material in the control room.

DNIT No 454 For the year 2024-25 is duly approved amounting to Rs. ₹.3,33,184.00 only.

(Rupees Three Lakhs Thirty Three Thousand One Hundred Eighty Four Only)

Executive Engineer
Electrical Division No.1
H.P.W.D. Shimla

DRAFT SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 325336.00
Earnest Money Rs. :- 6500.00
Time :- One Year

Name of work:- Annual Maintenance contract (AMC) Of 2 Nos Passenger lift (OTIS make) in permiseses of H.P High Court (M/C No.JOO05125 & JOO05126) for the year 2024-2025 w.e.f 01/08/2024 to 31-08-2025.

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Regular examination, lubrication and adjustment of the equipments and planned maintenance in the systematic manner and replacement of parts as detail below:-					
1.01	i) Renew all wires ropes and chain to maintain an adequate factor of safety to equalize tension on all hoisting ropes, repair or replace conductor cables and hoist way and machine room elevator wiring.					
1.02	ii) Systematic examining and adjustment of following machine, wormgear, Thrust bearing Drives sheaves, Drive shelves wearings, brake contract, linings and components, motor generator, motor windings, rating elements, commutator, brushes brush holder, bearings, coils, resistance for operation and Motor circuit, magnet frames and other mechanical parts, controller, selector leveling, devices cams, relays, solid state components e.g. PCBs transducers, resistance, condensers, power amplifier, transformers, contact leads, dashpots timing devices, Steel selector tapes and mechanical and electrical driving equipment Governor, governor sheave, shaft assembly bearing and governors jaws, car and hall mechanical button, car and hall position indicators hall lanterns, car direction indicators and all other car and landing as installed by Kone. Deflector or secondary sheave, bearing, car counter weight and counterweight guide rails and buffers, top and bottom limit switches, governor tension sheaves assembly compendating sheaves assembly car, counter weight and counter overweight guide shows including rollers or gibs, interlock on Hoistway.					
1.03	iii) Examine periodically all safety and governor and all customary safety test.					
1.04	iv) The firm will provide emergency minor adjustment call back services 24 hours as all working days as well as holiday / Sunday. The firms will maintain the lift in reliable and efficient operating connections.					
2	(M/C No.JOO05125)	1.00 Job	162668.00	Rupees One Lakh Sixty Two Hundred Sixty Eight Only	Per Job	162668.00
3	(M/C No.JOO05126)	1.00 Job	162668.00	Rupees One Lakh Sixty Two Hundred Sixty Eight Only	Per Job	162668.00
Conditions:- i) Rates should be quoted for all heights including all leads and lifts for internal and external works for all floor levels. ii) Useful materials should be handed over to the Assistant Engineer Electrical Sub Division No. 1, Shimla, otherwise credit for useful materials will be charged. iii) Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work, and any or all of the material which are available as per Indian standard in the market should confirm to bureau of Indian standards.						
DNT No 443 for the year 2024-25 is duly approved amounting to Rs. ₹. 3,25,336.00 only.						Total :- 325336.00

(Rupees Three Lakhs Twenty Five Thousand Three Hundred Thirty Six Only

Executive Engineer
Electrical Division No.1
HP, PWD, Shimla

DRAFT SCHEDULE OF QUANTITY

Name of work:- Annual Maintenance contract (AMC) Of 2 Nos Passanger lift (OTIS make) in permisses of H.P High Court (M/C No.MH 6311 & MH 6312) for the year 2024-2025 we.f 01/08/2024 to 31-07-2025

Estimated Cost Rs. :- 394402.00
Earnest Money Rs. :- 7900.00

Time:- One Year

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Regular examination, lubrication and adjustment of the equipments and planned maintenance in the systematic manner and replacement of parts as detail below:-					
1.01	i) Renew all wires ropes and chain to maintain an adequate factor of safety to equalize tension on all hoisting ropes, repair or replace conductor cables and hoist way and machine room elevator wiring.					
1.02	ii) Systematic examining and adjustment of following machine, wormgear, Thrust bearing Drives sheaves, Drive sheaves wearings, brake contract, linings and components, motor generator, motor windings, rating elements, commutator, brushes brush holder, bearings, coils, resistance for operation and Motor circuit, magnet frames and other mechanical parts, controller, selector leveling, devices cams, relays, solid state components e.g. PCBs transducers, resistance, condensers, power amplifier, transformers, contact, leads, dashpots timing devices. Steel selector tapes and mechanical and electrical driving equipment Governor, governor sheave, shaft assembly bearing and governor's jaws, car and hall mechanical button, car and hall position indicators hall lanterns, car direction indicators and all other car and landing as installed by Kone, Deflector of secondary sheave, bearing, car counter weight and counterweight guide rails and buffers, top and bottom limit wqitches, governor tension sheaves assembly compensating sheaves assembly car, counter weight and counter overweight guide shows including rollers or gibs, interlock on Hoistway.					
1.03	iii) Examine periodically all safety and governor and all customary safety test.					
1.04	iv) The firm will provide emergency minor adjustment call back services 24 hours as all working days as well as holiday / Sunday. The firms will maintain the lift in reliable and efficient operating connections.					
2	(M/C No.MH 6311)	1.00 Job	197201.00	Rupees One Lakh Ninety Seven Thousand Two Hundred One Only	Per Job	197201.00
3	(M/C No.MH 6312)	1.00 Job	197201.00	Rupees One Lakh Ninety Seven Thousand Two Hundred One Only	Per Job	197201.00
Total :-						394402.00

Conditions:-

- Rates should be quoted for all heights including all leads and lifts for internal and external works for all floor levels.
- Useful materials should be handed over to the Assistant Engineer Electrical Sub Division No. 1, Shimla, otherwise credit for useful materials will be charged.
- Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work, and any or all of the material which are available as per Indian standard in the market should confirm to bureau of indian standards.

DNIT No. 1124 for the year 2024-25 is duly approved amounting to Rs. ₹. 3,94,402.00 only.

(Rupees Three Lakhs Ninety Four Thousand Four Hundred Two Only

Executive Engineer
Electrical Division No.1
H.P. PWD, Shimla-9.

DRAFT SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 194124.00
 Earnest Money Rs. :- 3890.00
 Time :- One Year

(3)
 (4)

3

Name of work:- Annual maintenance contract (For 1 year) & special repair of 1 Nos Johnson make Machine No L-J6726 lift installed in Mini Sectt. Building Solan (H.P)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Regular examination, lubrication and adjustment of the equipment and planned maintenance in the systematic manner and replacement of parts as detailed below. Machine No L-J6726					
A	Renew all wires, ropes and chains to maintain as adequate factor of safety to equalize tension on all hoisting ropes, repair or replace conductor cables and hostway and machine room Elevator wiring.					
B	Systematic examination and adjustment of following machine, wormgear, thrust bearing device sheaves drive shelves bearing, break contact lining and components, motor generator, motor winding, rotating elements, commutator, brushes, brush holder, bearing, coils, resistance for operating and devices, cam, relays, solidstate components i.e. PCB, transducers, resistance, condensers, power dimming devices, steel selector tapes, mechanical and electrical driving devices, equipments, governor sheavers shaft assembling bearings and governor jaws, car and hall mechanical button and halportion, indicators, hall lantern car and direction indicators and allother car and fonding as installed by Kona, Deflector or secondary sheave bearings, car counter light, guide rails and buffers, top and bottom limit switches, governor tension sheaves assembly compensating sheaves assembly, car counterweight and counter overweight guide shoes including rollers or give interbeam hostway.					
C	Examination periodically all safety devices and governor and all customer safety test.					
D	The firm will provide emergency minor adjustment call back services twenty four hours on all working hours on all working days as well as holidays/sundays. The firm will maintain the lift in reliable and efficient operating conditions. Machine No L-J6726. (One year)					
(a)	For the Period (1 year) Rs.9676/=per month.					
2	Supplying and Installation of ARD Battery (12 V. 18 AH) 4 Nos, Hook Assembly L.H (POD-Valance Plate Assy. Schmersal switch 3 Nos, Hook Assembly R.H (POD-Valance Plate Assy) (26-08-CO-8-02-00-BD) 3 Nos, Screen sensor extension cable with 5Pin connector 2 Nos, Screen Power supply unit WECCO 1 Nos, Door Slipper assembly (27-08-CO-01-10-0) 12 Nos, Metal roller VV Assy 5 Nos for proper functioning of the elevator and bring the elevators in safe and running conditions.	1 P/Job	116112.00	Rupees One Lakh Sixteen Thousand One Hundred Twelve Only	Per/Job	116112.00
		1 job	78012.00	Rupees Seventy Eight Thousand Twelve Only	Per/Job	78012.00
Conditions:-						
iii Rates should be quoted for all heights including all leads and lifts for internal and external works for all floor levels.						
iii Useful materials should be handed over to the Assistant Engineer Electrical Sub Division Nahan, otherwise credit for useful materials will be charged.						
iii Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of Indian standards.						
Total						194124.00

DNT No 456 for the year 2024-25 is duly approved amounting to Rs. ₹. 1,94,124.00 only.

Rupees One Lakh Ninety Four Thousand One Hundred (Twenty Four Only)

Assistant Engineer
 Electrical Division No.1
 HPJMD, Shimla-9.

DRAFT SCHEDULE OF QUANTITY

Name of work: S/R to electrical installation of Himachal Sewa Sadan building at Sector 25 West Chandigarh (SH:- Replacement of damaged Electrical fixture, wires, cable, switchgear & other accessories with new one)

Estimated Cost Rs. :- 439426.00
Earnest Money Rs. :- 10000.00
Time:- Two Months

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.					
(a)	3x1.5 Sq. mm.	170.00 P/mtr	111.00	Rupees One Hundred Eleven Only	Per running Metre.	18870
(b)	3 x 4 sq. mm	600.00 P/mtr	249.00	Rupees Two Hundred Forty Nine Only	Per running Metre.	149400
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.					
(a)	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	4.00 P/mtr	664.00	Rupees Six Hundred Sixty Four Only	Per running Metre.	2656
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. 25mm dia.	220.00 P/mtr	96.00	Rupees Ninety Six Only	Per running Metre.	21120
4	Providing & Laying of one number aluminium conductor, PVC insulated and PVC sheathed unarmoured power cable, 1.1 KV grade of following size on wall surface as required. 35 Sq.mm(3.5 core)	40.00 P/mtr	434.00	Rupees Four Hundred Thirty Four Only	Per running Metre.	17360
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.	8.00 No	622.00	Rupees Six Hundred Twenty Two Only	Per Point	4976
6	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
(a)	5/6 amps switch	32.00 No	75.00	Rupees Seventy Five Only	Each	2400
(b)	15/16 amps switch	10.00 No	146.00	Rupees One Hundred Forty Six Only	Each	1460
(c)	3 pin 5/6 amp socket outlet	7.00 No	125.00	Rupees One Hundred Twenty Five Only	Each	875
(d)	6 pin 15/16 amp socket outlet	7.00 No	200.00	Rupees Two Hundred Only	Each	1400
7	Providing and installation of following type of LED Batten with polycarbonate housing, anti glare polycarbonate diffuser, surge protection 2.5 KV luminaire efficacy > 100lm/Watt with minimum 25000 burning hours, T1HD<15% in white finish and separated energy efficient constant current, non-integral, electronic driver, relevant LM 79/80 compliance from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required. of Approved Make					
(a)	LED Batten Light 20W	3.00 No	649.00	Rupees Six Hundred Forty Nine Only	Each	1947

DRAFT SCHEDULE OF QUANTITY

Name of work: S/R to electrical installation of Himachal Sarai Bhawan Sector- 24 Chandigarh (SH:- Replacement of damaged Electrical fixture, wires & other accessories with new one)

Estimated Cost Rs. :- 145502.00
Earnest Money Rs. :- 2950.00
Time:- Two Months

Sl. No.	Items of work	Quantity	In figures	Rate	Unit	Amount
				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.	40.00 No	1225	Rupees One Thousand Two Hundred Twenty Five Only	Each	49000
(a)	Group-C					
2	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.	48.00 P/mtr	111	Rupees One Hundred Eleven Only	Per running Metre	5323
(a)	3x1.5 Sq. mm.					
(b)	3 x 4 sq. mm	20.00 P/mtr	249	Rupees Two Hundred Forty Nine Only	Per running Metre	4363
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 25mm dia.	20.00 P/mtr	96	Rupees Ninety Six Only	Per running Metre	1920
4	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required. (Power unit)	3.00 No	740	Rupees Seven Hundred Forty Only	Each	2220
5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.					
(a)	5/6 amps switch	10.00 No	75	Rupees Seventy Five Only	Each	750
(b)	3 pin 5/6 amp socket outlet	5.00 No	125	Rupees One Hundred Twenty Five Only	Each	625
6	Providing and installation of following type of LED Batten with polycarbonate housing, anti glare polycarbonate diffuser, surge protection 2.5 KV luminaire efficacy > 100lm/Watt with minimum 25000 burning hours, THD<15% in white finish and separated energy efficient constant current, non-integral, electronic driver; relevant LM 79/80 compliance from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required: of Approved Make					
(a)	LED Batten Light 20W	10.00 No	649	Rupees Six Hundred Forty Nine Only	Each	6490
7	Providing and installation of following type of Surface mounting square type LED Downlight with polycarbonate housing, anti glare polycarbonate diffuser, surge protection 2.5 KV luminaire efficacy > 85lm/Watt with minimum 25000 burning hours, THD<15% in white finish and separated energy efficient constant current, non-integral, electronic driver, relevant LM 79/80 compliance from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required: of Approved Make					
(a)	Square LED Down Light 12W Surface	5.00 No	649	Rupees Six Hundred Forty Nine Only	Each	3245

DRAFT SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 499486.00
Earnest Money Rs. :- 10000.00
Time :- Two Months

Name of work: S/R to electrical installation of Himachal Sewa Sadan building at Sector 25 West Chandigarh (SH:- Replacement of damaged Electrical fixture, wires, cable, switchgear & other accessories with new one)

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	In words		
1	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.	170.00 P/mtr	111.00	Rupees One Hundred Per running	18870	
(a)	3x1.5 Sq. mm.		249.00	Eleven Only	Metre.	
(b)	3 x 4 sq. mm	600.00 P/mtr		Rupees Two Hundred Per running	149400	
				Forty Nine Only	Metre.	
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.	4.00 P/mtr	664.00	Rupees Six Hundred Per running	2656	
(a)	2 X 10 sq. mm + 1 X 6 sq. mm earth wire		96.00	Sixty Four Only	Metre.	
		220.00 P/mtr		Rupees Ninety Six Only	Per running	21120
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.	40.00 P/mtr	434.00	Rupees Four Hundred Per running	17360	
4	Providing & Laying of one number aluminium conductor, PVC insulated and PVC sheathed unarmoured power cable, 1.1 KV grade of following size on wall surface as required. 35 Sq.mm(3.5 core)	8.00 No	622.00	Rupees Six Hundred Per Point	4976	
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.					
6	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	32.00 No	75.00	Rupees Seventy Five Each	2400	
(a)	5/6 amps switch			Only		
(b)	15/16 amps switch	10.00 No	146.00	Rupees One Hundred Each	1460	
(c)	3 pin 5/6 amp socket outlet	7.00 No	125.00	Rupees One Hundred Each	875	
				Twenty Five Only		
(d)	6 pin 15/16 amp socket outlet	7.00 No	200.00	Rupees Two Hundred Each	1400	
				Only		
7	Providing and installation of following type of LED Batten with polycarbonate housing, anti glare polycarbonate diffuser, surge protection 2.5 KV luminaire efficacy > 100lm/Watt with minimum 25000 burning hours, THD<15% in white finish and separted energy efficient constant current, non-integral, electronic driver, relevant LM 79/80 compliance from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required. of Approved Make	3.00 No	649.00	Rupees Six Hundred Each	1947	
(a)	LED Batten Light 20W			Forty Nine Only		

8	Providing and installation of following type of LED Bulk Head with PDC/CRCA housing (aluminium extrusion), anti glare polycarbonate diffuser, surge protection 2 KV luminaire efficacy > 85lm/Watt with minimum 50000 burning hours, THD<15% in white finish industrial grade IP 65 rated and separated energy efficient constant current, non-integral, electronic driver, relevant LM 79/80 compliance from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required: of Approved Make	7.00 No	1157	Rupees One Thousand One Hundred Fifty Seven Only	Each	2522
9	SITC of voltage Stabilizer for 1.5 Ton Air conditioner having capacity 12 Amp, working voltage range 170-280 V, time delay 3mts +/- 20sec ITDS with warranty period of 3 Years including making connections testing etc. complete in all respects. Make:- V-Guard, Voltas, LG, Microtek or any other approved by Engineer-in-charge	8.00 No	2787	Rupees Two Thousand Seven Hundred Eighty Seven Only	Each	22236
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 etc. as required: of Approved Make Domestic type.					
(a)	Exhaust Fan, Light duty, (Domestic) 300 mm sweep	5.00 No	2565	Rupees Two Thousand Five Hundred Sixty Five Only	Each	12825
	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: of Approved Make Heavy Duty type.					
(a)	Exhaust Fan, Heavy duty, 450 mm sweep (900rpm)	2.00 No	4964	Rupees Four Thousand Nine Hundred Sixty Four Only	Each	9928
11	Supplying and fixing 6 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.	40.00 No	315	Rupees Three Hundred Fifteen Only	Each	12600
12	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					
(a)	63 A DP	4.00 No	1549	Rupees One Thousand Five Hundred Forty Nine Only	Each	6196
Conditions:-					Total	146502.00

DNIT Nofor the year 2024-25 is duly approved amounting to Rs. ₹. 1,46,502.00 only.

(Rupees One Lakh Forty Six Thousand Five Hundred Two Only)

- i. Useful materials should be handed over to the Assistant Engineer Electrical Sub Division Solan, otherwise credit for useful materials will be charged.
- ii. Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of Indian standards.


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

DRAFT SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 273467.00
Earnest Money Rs. :- 5500.00
Time :- Three Months

Name of work:-Providing special repair to E.I in Room no - 124, 4 & 5 basement, 26 Ground Floor,4 ground floor, B&R PWD sub division,Hon'ble CM lift& out side, GAD work shop Majitha House ,Record room, PWD elect sub- division,C M Pantry,CM Meeting room,C S Committee room, 224, Deputy C M, 337,318,204,209, CM Parking, 329, Cabinet hall at ellerslie building HP sectt Shimla-2.

Sl. No.	Items of work	Quantity	Rate		Unit	Amount
			In figures	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 steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.					
1.1	Group C	16.00 point	1225.00	Rupees One Thousand Two Hundred Twenty Five Only	Per Point	19600.00
2	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit as required.					
2.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	90.00 Rmt	326.00	Rupees Three Hundred Twenty Six Only	Per running	29340.00
2.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	60.00 Rmt	456.00	Rupees Four Hundred Fifty Six Only	Per running	27360.00
3	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor single core cable in PVC casing & capping as required					
3.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	11.00 Rmt	140.00	Rupees One Hundred Forty Only	Per running	1540.00
3.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	26.00 Rmt	233.00	Rupees Two Hundred Thirty Three Only	Per running	6058.00
4	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.					
4.1	2 X 1.5 sq. mm	16.00 Rmt	79.00	Rupees Seventy Nine Only	Per running	1264.00
4.2	2 X 4 sq. mm	6.00 Rmt	173.00	Rupees One Hundred Seventy Three Only	Per running	1038.00
5	Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including providing and fixing 3 pin 5/6 A socket outlet and 5/6 A piano type switch, connections, painting etc. as required.	18.00 No	303.00	Rupees Three Hundred Three Only	Each	5454.00
6	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 sheet cover in front including providing and fixing 6 pin 5/6 & 15/16 A socket outlet and 15/16 A piano type switch, connections, painting etc. as required.	16.00 No	396.00	Rupees Three Hundred Ninety Six Only	Each	6336.00
7	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.	1.00 No	622.00	Rupees Six Hundred Twenty Two Only	Each	622.00
8	Supplying and fixing metal box of 225mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLSort including providing and fixing 3 no 5 pin 5/6 & amps socket outlet amps piano type switch, connection, painting etc. as required.	14.00 No	412.00	Rupees Four Hundred Twelve Only	Each	5768.00

9	Providing and installation of following type of LED Bulk Head with PDC/CRCA housing (aluminium extrusion), anti glare polycarbonate diffuser, surge protection 2 KV luminaire efficacy > 85lm/Watt with minimum 50000 burning hours, THD<15% in white finish industrial grade IP 65 rated and separated energy efficient constant current, non-integral, electronic driver, relevant LM 79/80 compliance from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required: of Approved Make				
9.1	LED Bulk Head Light 10W	2.00 No	1157.00	Rupees One Thousand One Hundred Fifty Seven Only	2314.00
10	Providing and installation of following type of recess mounting square type LED Downlight with PDC/CRCA housing, anti glare polycarbonate diffuser, surge protection 2.5 KV luminaire efficacy > 100 lm/Watt with minimum 50000 burning hours, THD<15% in white finish and separated energy efficient constant current, non-integral, electronic driver, relevant LM 79/80 compliance from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required: of Approved Make				
10.1	Square LED Down Light 18W Recess	1.00 No	1470.00	Rupees One Thousand Four Hundred Seventy Only	1470.00
11	Providing and installation of following type of Surface mounting square type LED Downlight with PDC/CRCA housing, anti glare polycarbonate diffuser, surge protection 2.5 KV luminaire efficacy > 100 lm/Watt with minimum 50000 burning hours, THD<15% in white finish and separated energy efficient constant current, non-integral, electronic driver, relevant LM 79/80 compliance from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required: of Approved Make				
11.1	Square LED Down Light 18W Surface	7.00 No	1470.00	Rupees One Thousand Four Hundred Seventy Only	10290.00
11.2	Square LED Down Light 24W Surface	2.00 No	1861.00	Rupees One Thousand Eight Hundred Sixty One Only	3722.00
12	Providing and installation of following type of recess mounting 2 feet by 2 feet type LED Panel with PDC/CRCA housing, anti glare prismatic multilayer diffuser, surge protection 2.5 KV luminaire efficacy > 120 lm/Watt with UGR<19 minimum 50000 burning hours, THD<10% in white finish and separated energy efficient constant current, non-integral, electronic driver, relevant LM 79/80 compliance from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required: of Approved Make				
12.1	LED Panel 2x2 36 watt	15.00 Each	6755.00	Rupees Six Thousand Seven Hundred Fifty Five Only	101325.00
13	Providing and installation of following type of LED Batten with polycarbonate housing, anti glare polycarbonate diffuser, surge protection 2.5 KV luminaire efficacy > 100lm/Watt with minimum 25000 burning hours, THD<15% in white finish and separated energy efficient constant current, non-integral, electronic driver, relevant LM 79/80 compliance from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required: of Approved Make				
13.1	LED Batten Light 20W	7.00 No	649.00	Rupees Six Hundred Forty Nine Only	4543.00

14	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.					
14.1	Exhaust Fan, 150 mm sweep	2.00 No	2174.00	Rupees Two Thousand Each One Hundred Seventy Four Only		4348.00
14.2	Exhaust Fan, 200 mm sweep	2.00 No	2807.00	Rupees Two Thousand Each Eight Hundred Seven Only		5614.00
15	Supplying and fixing PVC batten/ angle holder including connections etc. as required.	2.00 No	102.00	Rupees One Hundred Each Two Only		204.00
16	Supplying and fixing 3 pin, 5 A ceiling rose on the existing junction box/ wooden block including connections etc. as required.	1.00 No	58.00	Rupees Fifty Eight Only	Each	58.00
17	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes by means of expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, making good the damages, electrical connections, testing etc. complete as required:-					
17.1	6 Liter capacity water heater (Cat-A)	1.00 No	10722.00	Rupees Ten Thousand Each Seven Hundred Twenty Two Only		10722.00
18	Providing and installation of Wall mounting fan of following sizes i/e hanging the same in position on the wall, connections, testing and commissioning etc. as required with best satisfaction of Engineer in charge. Make: Havells, Bajaj, Crompton Greaves, Usha, Kahlian etc.					
18.1	Wall mounting fan 400mm	2.00 No	3405.00	Rupees Three Thousand Each Four Hundred Five Only		6810.00
19	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 conduit as required.					
19.1	25 mm	18.00 Rmt	234.00	Rupees Two Hundred Each Thirty Four Only		4212.00
20	Supplying and fixing following plano type switch/ socket on the existing switch box/ cover including connections etc. as required.					
20.1	5/6 amps switch	14.00 No	39.00	Rupees Thirty Nine Only	Each	546.00
20.2	3 pin 5/6 A socket outlet	14.00 No	65.00	Rupees Sixty Five Only	Each	910.00
20.3	15/16 A switch	1.00 No	119.00	Rupees One Hundred Each Nineteen Only		119.00
20.4	6 pin 15/16 A socket outlet	1.00 No	129.00	Rupees One Hundred Each Twenty Nine Only		129.00
21	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.	1.00 No	208.00	Rupees Two Hundred Each Eight Only		208.00
22	Supplying and fixing following rating, double pole or four pole, 240/ 415 volts, 2-way centre off changeover switches in the existing MCB DB complete with connections, testing and commissioning etc as required					
22.1	Double Pole 63A 2-way centre off Changeover Switch	2.00 No	1799.00	Rupees One Thousand Each Seven Hundred Ninety Nine Only		3598.00

23	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.					
23.1	Armoured cable 6 sq. mm (twin core)	35.00 Rmt	227.00	Rupees Two Hundred Twenty Seven Only	Per running Metre.	7945.00
24	Note :- A recovery of the tune of ₹ 2500 /- will be recovered from the Contractor on a/c of value of dismantled material.					
Conditions:-					Total	273467.00

DNIT Nofor the year 2024-25 is duly approved amounting to
Rs. ₹. 2,73,467.00 only.

(Rupees Two Lakhs Seventy Three Thousand Four Hundred Sixty Seven Only

- i Rates should be quoted for all heights including all leads and lifts for internal and external works for all floor levels.
- ii Useful materials should be handed over to the Assistant Engineer Electrical Sub Division Solan, otherwise credit for useful materials will be charged.
- iii Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of Indian standards.


Executive Engineer
Electrical Division No.I
HP, PWD, Shimla-9