



Pradesh

Public Works Department

Office of the Assistant Engineer, Electrical Sub-Division, HPPWD, Solan

Web. [WWW.hppwd.gov.in](http://WWW.hppwd.gov.in) E-mail: [esdhppwdsolan01@gmail.com](mailto:esdhppwdsolan01@gmail.com) Phone/Fax No. 01792-223860

No. PW-ESD-Tender/2026-27- 360-63

Dated:- 30/9/2026

To

The Executive Engineer (IT),  
HPPWD, Nirman Bhawan,  
Nigam Vihar, Shimla-171002.

Subject: - Publication of Tender Notice.

Respected Sir,

Enclosed please find herewith the tender notice of works as given in the notice Inviting Tender No. PW-ESD-Tender/2026-27- 345-59 Dated 30-9-2026 for uploading on department web site as per Notification vide Secy. (PW) to the Govt. of Himachal Pradesh letter No. PBW (B) A (3) 1/2024 dated 03-01-2024 as the works mentioned in the Tender Notice are urgent in nature and public interest.

Encl. :- As above.

  
Assistant Engineer,  
Electrical Sub-Division,  
HP. PWD, Solan.

Copy to the Superintending Engineer, 1<sup>st</sup> Electrical Circle, HPPWD, Shimla-9 for information please.

Copy to the Computer Cell O/o the Executive Engineer, (IT Cell), Nirman Bhawan, Nigam Vihar, Shimla-2 for information with request for uploading the tenders on department website as per notification given above please.

Copy to the Executive Engineer, Electrical Division No. 1, HPPWD, Shimla-09 for information please.

  
Assistant Engineer,  
Electrical Sub-Division,  
HP. PWD, Solan.

Himachal Pradesh  
Public Works Department

Notice Inviting Tender

Sealed percentage rate tender or form 6 & 8 are invited by the Assistant Engineer, Electrical Sub-Division HPPWD Solan for the following works from the approved and eligible contractors enlisted in HPPWD, so as reach in this office as per time schedule given below. The undersigned reserves the right to accept/reject any application/tender or all the tender without assigning any reason.

|                                                 |                                     |
|-------------------------------------------------|-------------------------------------|
| Date of Receipts of application for Tender form | 13-10-2026 upto 11:00 AM            |
| Date of Issue/sale of Tender Forms              | 13-10-2026 From 12:00 PM to 1:00 PM |
| Date of Opening of Tender                       | 15-10-2026 at 11:00 AM              |

The tender shall be received upto 10:30 on 15-10-2026 and will be opened on the same day at 11:00 AM in the presence of intending contractors or their authorized representative who may like be present. The tender form can be received from this office against cash payment [Non refundable] up to 1:00 P.M on dated 13-10-2026.

The earnest money in the shape of national saving certificate/time deposit account /saving account in any of the post office in HP duly pledged in favour of Executive Engineer must accompanying with each application. The conditional tenders, application for tender received without earnest money will simultaneously be rejected.

| Sr. No | Name of work                                                                                                                     | Estimated Cost | EMD    | Form Cost | Time Period |
|--------|----------------------------------------------------------------------------------------------------------------------------------|----------------|--------|-----------|-------------|
| 1      | Annual Repair and Maintenance of 3 Nos. 5 KVA D.G Set installed at Court Compoex Solan, Kasauli & Nalagarh for the Year 2026-27. | 83,600/-       | 1700/- | 350/-     | One year    |
| 2      | Annual Repair and Maintenance of 30 KVA D.G Set installed in Circuit House Chambaghat District Solan for the Year 2026-27.       | 34,000/-       | 700/-  | 350/-     | One year    |
| 3      | Annual Maintenance of EPABX System installed in District Coourt Complex Solan District Solan For the year 2026-27                | 66,713/-       | 1400/- | 350/-     | One year    |
| 4      | Providing Electrical Wiring and accessories in the Earmarked Civil Judge-Cum-JMFC, Kasauli District Solan HP                     | 97,026/-       | 2000/- | 350/-     | One month   |
| 5      | Providing Electrical connections to e-Sewa Kendra Portal Cabin Judicial Court Complex Kasauli District Solan HP                  | 38,285/-       | 1000/- | 350/-     | 15 days     |
| 6      | Renovation of 4 Nos. Toilet in Ground Floor Himachal Sewa Sadan Sector 25 Chandigarh ( Prov. E.I therein)                        | 72,398/-       | 1500/- | 350/-     | One month   |
| 7      | Renovation of 6 Nos. Toilet in 2 <sup>nd</sup> Floor Himachal Sewa Sadan Sector 25 Chandigarh ( Prov. E.I therein)               | 93,260/-       | 1800/- | 350/-     | One month   |

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

  
Assistant Engineer,  
Elect. Sub-Division,  
HPPWD Solan

Dated:- 30/9/2026

NO.PW-ESD-Tender/2026-27-

Copy forwarded to the :

- 1 Engineer- in-chief NirmanBhavan HPPWD Shimla for information please.
- 2 Superintending Engineer Elect. Wing Shimla -9 for information please.
- 3 Executive Engineer Elect. Division No 1 HPPWD Shimla 9 for information please.
- 4 All the Executive Engineer in Elect wing.
- 5 Assistant Engineer Elect. Sub Division NO 1, No 2, and Nahan.
- 6 President contractors association
- 7 All the approved contractors in Elect.
- 8 Notice Board.

Assistant Engineer,  
Electrical Sub-Division,  
HP.PWD, Solan.

Estimated Cost Rs 83600/=

Earnest Money Rs 1700/=

Time Period 1 year

| SCHEDULE OF QUANTITY                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |       |      |        |
|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|------|--------|
| N.O W:- Annual Repair & Maintenance of 3 Nos 5 KVA D.G.Set installed at court complex Solan, Kasauli and Nalagarh for the Year 2026-27. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |       |      |        |
| Sr.No                                                                                                                                   | Description of items                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Quantity | Rate  | Unit | Amount |
| 1                                                                                                                                       | Providing annual maintenance to 5 KVA D.G set installed at court complex Solan, Kasauli and Nalagarh. The following will be the scope of preventive/corrective maintenance complete in all respects as required to the best satisfaction of Engineer in charge.                                                                                                                                                                                                                                                                                                |          |       |      |        |
| a                                                                                                                                       | Check the general condition of DG set and setting operation parameters as specified by manufacturing company.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |       |      |        |
| b                                                                                                                                       | Service of D.G.sets will be carried out strictly as per Sudhir Gensets norms.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |       |      |        |
| c                                                                                                                                       | Replacement of Diesel filter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |       |      |        |
| d                                                                                                                                       | Replacement of Air filter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |       |      |        |
| e                                                                                                                                       | Replacement of Lube oil filter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |       |      |        |
| f                                                                                                                                       | Replacement of coolant 5 ltr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |       |      |        |
| g                                                                                                                                       | Replacement of lub oil engine oil.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |       |      |        |
| h                                                                                                                                       | 3 Nos visit in a year & unlimited emergency/breakdown visit in a year, main element for air cleaner, fan belt, rubber hose air cleaner, hose radiator to engine, hose engine to radiator, fuel pipe feed pump to filter, fuel pipe filter to pump, battery maintenance, Checking all the fasteners, Checking ensure optimum performance of sub-assemblies of Machine, checking fuel timing, tappet clearance etc., for Diesel Engines and reset the same as reqd. will be included in the AMC. No extra labour charges will be given for above mentioned work. | 3        | 24950 | Each | 74850  |
| 2                                                                                                                                       | Providing, fixing & testing wet Lead acid battery 65 AH 12 volt suitable for 5KVA DG set including connection, testing etc. complete in all respects as required to the best satisfaction of Engineer in charge. Make:- Exide, Amaron, Luminous                                                                                                                                                                                                                                                                                                                | 1        | 8750  | Each | 8750   |
|                                                                                                                                         | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |       |      | 83600  |

*Draft Schedule of Quantity approved for Rs 83600/- only*  
*(Rupees :- Eighty Three Thousand Six hundred) only.*

*97 for the year 2026*  
*DNIT No. 11/2025-26*  
*Assistant Engineer*  
*Elect. Sub Division*  
*HPPWD Solan*  
*Executive Engineer,*  
*Electrical Division No-1,*  
*HPPWD, Kasumpti, Shimla*

Estimated Cost Rs34000/=

Earnest Money Rs 700/=

Time Period 1 year

| SCHEDULE OF QUANTITY                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |       |       |        |
|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|-------|--------|
| Name of work:- Annual Repair & Maintenance 30 KVA D.G.Set installed at Circuit house Chambaghat Tehsil & Distt. Solan for the Year 2026-27. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |       |       |        |
| Sr.No                                                                                                                                       | Description of items                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Quantity | Rate  | Unit  | Amount |
| 1                                                                                                                                           | Providing annual maintenance to 30 KVA D.G set installed at Circuit House Chambaghat. The following will be the scope of preventive/corrective maintenance complete in all respects as required to the best satisfaction of Engineer in charge.                                                                                                                                                                                                                                                                                                              |          |       |       |        |
| a                                                                                                                                           | Check the general condition of DG set and setting operation parameters as specified by manufacturing company.                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |       |       |        |
| b                                                                                                                                           | Service of D.G.sets will be carried out strictly as per Sudhir Gensets norms and all spare parts charges will be paid extra.                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |       |       |        |
| c                                                                                                                                           | Replacement of Diesel filter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |       |       |        |
| d                                                                                                                                           | Replacement of Air filter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |       |       |        |
| e                                                                                                                                           | Replacement of Lube oil filter.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |       |       |        |
| f                                                                                                                                           | Replacement of coolant 5 ltr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |       |       |        |
| g                                                                                                                                           | Replacement of lub oil engine oil.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |       |       |        |
| h                                                                                                                                           | 3 Nos visit in a year & unlimited emergency/breakdown visit in a year,main element for air cleaner, fan belt, rubber hose air cleaner, hose radiator to engine, hose engine to radiator, fuel pipe feed pump to filter, fuel pipe filter to pump , battery maintenance, Checking all the fasteners ,Checking ensure optimum performance of sub-assemblies of Machine, checking fuel timing,tappet clearance etc.,for Diesel Engines and reset the same as reqd. will be included in the AMC. No extra labour charges will be given for above mentioned work. | 1        | 34000 | P/job | 34000  |
|                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TOTAL :- |       |       | 34000  |

Draft Schedule of Quantities approved for Rs. 34000/- only.

(Rupees :- Thirty Four Thousand) only.

DNIT No 96 for the year 2026-27 only

Approved for Rs. 34000/- only

Assistant Engineer  
Elect. Sub Division  
HPPWD Solan

Executive Engineer,  
Electrical Division No-1,  
HPPWD, Kasumpti, Shimla-9

Estimated Cost Rs 66713/=

Earnest Money Rs 1400/=

Time Period 1 year

### SCHEDULE OF QUANTITY

Name of Work :-Annual Maintenance of EPABX system installed in District Court complex SolanTehsil and Distt. Solan H.P. for the Year 2026-2027 (One year).

| Sr.No | Description of items                                                                                                                                                                                                                                                                                                                                                         | Quantity | Rate  | Unit  | Amount |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------|-------|--------|
| 1     | Annual Maintenance of EPABX System of Syntel (Topaz) make with 24 Extensions, 8 Trunks with 24 numbers of CLI Phones( Beetel make) along with PVC cable of 2 pair cable and 10 pair cable,MDF(Termination box) etc.The following will be the scope of preventive/corrective maintenance complete in all respects as required to the best satisfaction of Engineer in charge. |          |       |       |        |
| (i)   | Minimum four visits in a year to check the general condition of EPBAX system and rectify shortcomings if any.                                                                                                                                                                                                                                                                |          |       |       |        |
| (ii)  | Replacement of damaged PVC cable,2 pair cable and 10 pair cable if required.                                                                                                                                                                                                                                                                                                 |          |       |       |        |
| (iii) | Replacement of damaged CLI Phones if required.                                                                                                                                                                                                                                                                                                                               |          |       |       |        |
| (iv)  | Checking all the Connections.                                                                                                                                                                                                                                                                                                                                                |          |       |       |        |
| (v)   | Attending all the complaints within 24 hours positively                                                                                                                                                                                                                                                                                                                      |          |       |       |        |
| (vi)  | No extra labour charges will be given for above mentioned work.                                                                                                                                                                                                                                                                                                              | 1        | 48026 | P/job | 48026  |
| 2     | Supplying and drawing following pair 0.5 mm dia FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.                                                                                                                                                                                    |          |       |       |        |
| a     | 2 Pair                                                                                                                                                                                                                                                                                                                                                                       | 100      | 33    | P/mtr | 3300   |
| 3     | Supply, Erection, testing and commissioning of Push Button Telephone Desktop model CLI, flash , redial ,mic with speaker complete in all respect.Make :-Beetel /Panasonic/Matrix                                                                                                                                                                                             | 2        | 1005  | Each  | 2010   |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         |       |      |       |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------|------|-------|
| 4 | SITC of EPABX System configured 8 Analog Extensions. The call ringing sequence would be programmable and have options such as simultaneous, hunting off, round robin and delayed simultaneous. The system shall support flexible numbering for extensions such as it may have extensions with 1 digit, 2 digits and up to 6 digits numbers as well as in combination of all. Operator features shall have the assistance to extension, attended call transfer, call intercept, indication of call waiting, night service control etc. should be available by default. Make : Syntel/Panasonic/Matrix | 1       | 13377 | Each | 13377 |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Total:- |       |      | 66713 |

Draft Schedule of Quantities approved for Rs. 66713/- only.  
(Rupees :- Sixty Six Thousand Seven hundred & Thirteen) only.

  
Assistant Engineer  
Elect. Sub Division  
HPPWD Solan

DNIT 21095 for the year 2016-27 duly  
approved for Rs. 66713/- only

  
Executive Engineer,  
Electrical Division No-1,  
HPPWD, Kasumpti, Shimla-9

Estimated cost Rs.97026/=

Earnest Money Rs.2000/=

Time Period 1 Month

### Schedule of Quantity

Name of Work :- Providing electrical accessories and wiring in the earmarked residence of Civil Judge-cum-JMFC, Kasauli, District Solan Himachal Pradesh.

| Sr.No. | Description of items                                                                                                                                                                                                                                                                                                | Quantity | Rate | Unit  | Amount |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-------|--------|
| 1      | Rewiring for light point/ fan point/exhaust fan point/call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel conduit including dismantling as required.Group B | 10       | 535  | Each  | 5350   |
| 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.                                                                                                                                                   |          |      |       |        |
| a      | 3x1.5 Sq. mm.                                                                                                                                                                                                                                                                                                       | 50       | 93   | P/mtr | 4650   |
| b      | 3x4.0 Sq. mm.                                                                                                                                                                                                                                                                                                       | 45       | 205  | P/mtr | 9225   |
| 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.-25 mm. dia                                                                                                | 30       | 125  | P/mtr | 3750   |
| 4      | Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated isheet cover in FRLSont including providing and fixing 6 pin 5/6 & 15/16 A socket ou tletand 15/16 A piano type switch, connection, painting etc. as required.          | 13       | 441  | Each  | 5733   |
| 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 FRLSont including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required.                | 19       | 305  | Each  | 5795   |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |    |      |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|------|
| 6 | Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |    |      |
| a | S.P. 5/6 amps, one way Piano switch, ISI marked                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 52 | 41 | 2132 |
| 7 | Supplying and fixing PVC batten/ angle holder including connections etc. as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5  | 89 | 445  |
| 8 | S/E of LED Batten with polycarbonate 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:<br>Wattage of LED fittings-As per following parameter.<br>Total lumens of the fittings.-as below<br>Diffuser - Polycarbonate diffuser/PMMA<br>Operating voltage =140 V to 270 V, AC supply or better.<br>Input frequency =50 Hz + 1 Hz<br>Power factor =Minimum 0.90<br>Luminaire efficacy =>100 lm/w<br>Color rendering index=CRI shall be greater than 80<br>Working/ operating temperature =00 to + 450c or better<br>Color temperature =60000K + 10%<br>Electronic Driver<br>Drive current (LED)=As per OEM.<br>Operating voltage =140 V to 270 V, AC supply or better.<br>Type of driver =Constant current output driver<br>THD =Less than 10%<br>Surge Protection =2.5 KV minimum<br>Efficiency Driver=>85%<br>Protection=Shall have under voltage and over voltage protection.<br>Guarantee of LED fittings including LED driver =2 years against manufacturing defect.<br>Fixture =Should comply with LM 79 test from UL/NABL lab. |    |    |      |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |       |      |       |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|------|-------|
|    | LED Type/ Make/ Model-Power CREE/ OSRAM/ NICHIA/ Philips LUMILED with life more than 25,000 burning hours @70% lumen maintenance complying with LM 80 test report from the manufacturer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |       |      |       |
|    | Life of LED=25000 burning hours at 70% lumen maintenance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |       |      |       |
| a  | Lumen output of the fitting=>1000 Lumens                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2 | 547   | Each | 1094  |
| b  | Lumen output of the fitting=>2000 Lumens                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8 | 631   | Each | 5048  |
| 9  | Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 | 91    | Each | 91    |
| 10 | Providing and installation of Instantaneous Electric water heater (Geyser) of various sizes by means of Expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, prov. and fixing of Non-return valve, making good the damages, electrical connections, testing and commissioning etc. as required. Make Usha, Havells, Bajaj or any other approved by Engineer-in-Charge                                                                                                                                                                                                                                                                                                                                     |   |       |      |       |
| a  | 10 litre capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1 | 11954 | Each | 11954 |
| a  | 25 litre capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2 | 14683 | Each | 29366 |
| 11 | 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/MM/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. |   |       |      |       |
| a  | Ceiling Fan 1200 mm sweep                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 | 2802  | Each | 8406  |
| 12 | Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3 | 359   | Each | 1077  |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |      |      |              |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|------|------|--------------|
| 13 | 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. | 1 | 2910 | Each | 2910         |
| a  | Exhaust Fan, 250 mm sweep                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |      |      |              |
|    | <b>Total :-</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |      |      | <b>97026</b> |

Draft schedule of quantities approved for Rs. 97026/-  
(Rupees: ninety seven thousand & twenty six) only

*[Signature]*  
Assistant Engineer  
Elect. Sub Division  
HPPWD Solan

DAVIT NO 94 for the year 2016-17 duly approved  
for Rs. 97026/- only

*[Signature]*  
Executive Engineer,  
Electrical Division No-1,  
HPPWD, Kasumpti, Shimla-9

Estimated cost Rs.38285/=

Earnest Money Rs.1000/=

Time Period . 15 days

| SCHEDULE OF QUANTITY                                                                                  |                                                                                                                                                                                                                  |      |      |        |        |
|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|--------|--------|
| Name of Work :- Providing Electrical connections to e-sewa kendra portal cabin judicial Court Complex |                                                                                                                                                                                                                  |      |      |        |        |
| Kasauli Distt. Solan (HP)                                                                             |                                                                                                                                                                                                                  |      |      |        |        |
| Sr.No                                                                                                 | Description of items                                                                                                                                                                                             | Qty. | Rate | Unit   | Amount |
| 1                                                                                                     | 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. 32 mm. | 95   | 166  | P/mtr. | 15770  |
| 2                                                                                                     | Providing and laying of one No. aluminium conductor PVC insulated and PVC Sheathed armoured XLPE power cable 1.1 KV grade of following sizes on wall surface as required armoured cable 16 sq. mm. (Twin core).  | 95   | 237  | P/mtr. | 22515  |
| Total:-                                                                                               |                                                                                                                                                                                                                  |      |      |        | 38285  |

Draft schedule of quantities approved for Rs.38285/=

(Rupees: Thirty eight thousand two hundred eighty five) only

Assistant Engineer  
Elect. Sub Division  
HPPWD Solan

DRAFT No 93 for the year 2016-17 duly  
approved for Rs. 38285/- only

Executive Engineer,  
Electrical Division No-1,  
HPPWD, Kasumpti, Shimla-9

Estimated cost Rs. ~~72,554/-~~ <sup>72398/-</sup>  
 Earnest Money Rs.1500/=

Time Period . 1 month

## SCHEDULE OF QUANTITY

**Name of Work :- Renovation of 4 Nos Toilet in (Ground Floor) Himachal sewa Sadan Sector 25 Chandigarh(Providing E.I there in)**

| Sr. No | Description of items                                                                                                                                                                                                                                                                                                                                                 | Qty. | Rate | Unit  | Amount |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-------|--------|
| 1      | Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed 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..Group C | 12   | 1283 | Each  | 15396  |
| 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 1.5 sq. mm + 1 X 1.5 sq. mm earth wire                                                                                                                                                                                                                                                                                                                           | 40   | 209  | P/mtr | 8360   |
| b      | 2 X 4 sq. mm + 1 X 4 sq. mm earth wire                                                                                                                                                                                                                                                                                                                               | 35   | 315  | P/mtr | 11025  |
| c      | 4 X 4 sq. mm + 1 X 4 sq. mm earth wire                                                                                                                                                                                                                                                                                                                               | 20   | 523  | P/mtr | 10460  |
| 3      | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.                                                                                                                                                                                                    |      |      |       |        |
| a      | 3x1.5 Sq. mm.                                                                                                                                                                                                                                                                                                                                                        | 18   | 93   | P/mtr | 1674   |
| b      | 3x4.0 Sq. mm.                                                                                                                                                                                                                                                                                                                                                        | 15   | 205  | P/mtr | 3075   |
| 4      | 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.: -25 mm. dia                                                                                                                                               | 100  | 125  | P/mtr | 12500  |
| 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  | Each  | 431    |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |     |      |      |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----|------|------|
| 6 | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4 | 692 | Each | 2768 |
| 7 | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5 | 88  | Each | 440  |
| b | 3 pin 5/6 A socket outlet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2 | 114 | Each | 228  |
| 8 | S/E of LED Batten with polycarbonate 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:<br>Wattage of LED fittings-As per following parameter.<br>Total lumens of the fittings.-as below<br>Diffuser - Polycarbonate diffuser/PMMA<br>Operating voltage =140 V to 270 V, AC supply or better.<br>Input frequency =50 Hz + 1 Hz<br>Power factor =Minimum 0.90<br>Luminaire efficacy =>100 lm/w<br>Color rendering index=CRI shall be greater than 80<br>Working/ operating temperature =00 to + 450c or better<br>Color temperature =60000K + 10%<br>Electronic Driver<br>Drive current (LED)=As per OEM.<br>Operating voltage =140 V to 270 V, AC supply or better.<br>Type of driver =Constant current output driver<br>THD =Less than 10%<br>Surge Protection =2.5 KV minimum<br>Efficiency Driver=>85%<br>Protection=Shall have under voltage and over voltage protection.<br>Guarantee of LED fittings including LED driver =2 years against manufacturing defect.<br>Fixture =Should comply with LM 79 test from UL/NABL lab. |   |     |      |      |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |                       |         |  |                       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----------------------|---------|--|-----------------------|
|    | LED Type/ Make/ Model-Power CREE/ OSRAM/ NICHIA/ Philips LUMILED with life more than 25,000 burning hours @70% lumen maintenance complying with LM 80 test report from the manufacturer.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                       |         |  |                       |
|    | Life of LED=25000 burning hours at 70% lumen maintenance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |                       |         |  |                       |
| a  | Lumen output of the fitting=>1000 Lumens                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2 | 547                   | Each    |  | 1094                  |
| 9  | Supplying and fixing brass batten/ angle holder including connection etc. as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4 | 89                    | Each    |  | 356.00                |
| 10 | Providing and installation of following type of LED 9 W retrofit Lamp B-22 holder base with polycarbonate diffuser and aluminium heat sink including connections, testing and commissioning etc. as required. Make: Syska, Havell, C&S, Panasonic or any other approved by Engineer-in-Charge.                                                                                                                                                                                                                                                                                                                                                   | 4 | 119<br><del>158</del> | Each    |  | 476<br><del>632</del> |
| 11 | 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.                                                                                                                                                                                                                                                                                                                                                                                                     |   |                       |         |  |                       |
| a  | Single pole                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5 | 241                   | Each    |  | 1205                  |
| 12 | 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. |   |                       |         |  |                       |
| a  | Exhaust Fan, 250 mm sweep                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 | 2910                  | Each    |  | 2910                  |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |                       | TOTAL:- |  | <del>72554</del>      |

72398

*Signature*  
Assistant Engineer  
Elect. Sub Division  
HPPWD Solan

Draft Schedule of quantities approved for Rs. 72554/-  
(Rupees: Seventy two thousand five hundred fifty four only.)  
DNIT No 96 for 1st year 2026-27  
for Rs. 72398/- only

*Signature*  
Executive Engineer,  
Electrical Division No-1,  
HPPWD, Kasumpti, Shimla-9

Estimated cost Rs. ~~93,494/-~~ <sup>93260/-</sup>  
 Earnest Money Rs.1800/=

Time Period . 1 month

| SCHEDULE OF QUANTITY                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                        |      |      |       |        |
|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-------|--------|
| Name of Work :- Renovation of 6 Nos. Toilet in (2nd Floor) Himachal sewa Sadan Sector 25 Chandigarh(Providing E.I there in) |                                                                                                                                                                                                                                                                                                                                                                        |      |      |       |        |
| Sr. No                                                                                                                      | Description of items                                                                                                                                                                                                                                                                                                                                                   | Qty. | Rate | Unit  | Amount |
| 1                                                                                                                           | Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface / recessed 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..Group C | 18   | 1283 | Each  | 23094  |
| 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 1.5 sq. mm + 1 X 1.5 sq. mm earth wire                                                                                                                                                                                                                                                                                                                             | 52   | 209  | P/mtr | 10868  |
| b                                                                                                                           | 2 X 4 sq. mm + 1 X 4 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                 | 55   | 315  | P/mtr | 17325  |
| c                                                                                                                           | 4 X 4 sq. mm + 1 X 4 sq. mm earth wire                                                                                                                                                                                                                                                                                                                                 | 30   | 523  | P/mtr | 15690  |
| 3                                                                                                                           | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.                                                                                                                                                                                                      |      |      |       |        |
| a                                                                                                                           | 3x1.5 Sq. mm.                                                                                                                                                                                                                                                                                                                                                          | 10   | 93   | P/mtr | 930    |
| b                                                                                                                           | 3x4.0 Sq. mm.                                                                                                                                                                                                                                                                                                                                                          | 4    | 205  | P/mtr | 820    |
| 4                                                                                                                           | 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 :-25 mm. dia                                                                                                                                                  | 110  | 125  | P/mtr | 13750  |
| 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  | Each  | 431    |
| 6                                                                                                                           | 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.                                                                                                                   | 6    | 692  | Each  | 4152   |

EE

|   |                                                                                                                                                                                                                                                    |   |     |      |     |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----|------|-----|
| 7 | 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                                                                                                                                                                                                                                    | 2 | 88  | Each | 176 |
| b | 3 pin 5/6 A socket outlet                                                                                                                                                                                                                          | 1 | 114 | Each | 114 |
| 8 | S/E of LED Batten with polycarbonate 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: |   |     |      |     |
|   | 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 =00 to + 450c or better                                                                                                                                                                                             |   |     |      |     |
|   | Color temperature =60000K + 10%                                                                                                                                                                                                                    |   |     |      |     |
|   | Electronic Driver                                                                                                                                                                                                                                  |   |     |      |     |
|   | Drive current (LED)=As per OEM.                                                                                                                                                                                                                    |   |     |      |     |
|   | Operating voltage =140 V to 270 V, AC supply or better.                                                                                                                                                                                            |   |     |      |     |
|   | Type of driver =Constant current output driver                                                                                                                                                                                                     |   |     |      |     |
|   | THD =Less than 10%                                                                                                                                                                                                                                 |   |     |      |     |
|   | Surge Protection =2.5 KV minimum                                                                                                                                                                                                                   |   |     |      |     |
|   | Efficiency Driver=>85%                                                                                                                                                                                                                             |   |     |      |     |
|   | Protection=Shall have under voltage and over voltage protection.                                                                                                                                                                                   |   |     |      |     |
|   | Guarantee of LED fittings including LED driver =2 years against manufacturing defect.                                                                                                                                                              |   |     |      |     |
|   | Fixture =Should comply with LM 79 test from UL/NABL lab.                                                                                                                                                                                           |   |     |      |     |
|   | LED Type/ Make/ Model-Power CREE/ OSRAM/ NICHIA/ Philips LUMILED with life more than 25,000 burning hours @70% lumen maintenance complying with LM 80 test report from the manufacturer.                                                           |   |     |      |     |
|   | Life of LED=25000 burning hours at 70% lumen maintenance                                                                                                                                                                                           |   |     |      |     |
| a | Lumen output of the fitting=>1000 Lumens                                                                                                                                                                                                           | 1 | 547 | Each | 547 |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |                       |      |                              |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----------------------|------|------------------------------|
| 9  | Supplying and fixing brass batten/ angle holder including connection etc. as required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6 | 89                    | Each | 534.00                       |
| 10 | Providing and installation of following type of LED 9 W retrofit Lamp B-22 holder base with polycarbonate diffuser and aluminium heat sink including connections, testing and commissioning etc. as required. Make: Syska, Havell, C&S, Panasonic or any other approved by Engineer-in-Charge.                                                                                                                                                                                                                                                                                                                                                   | 6 | 119<br><del>458</del> | Each | 714<br><del>948</del>        |
| 11 | 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.                                                                                                                                                                                                                                                                                                                                                                                                     |   |                       |      |                              |
| a  | Single pole                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5 | 241                   | Each | 1205                         |
| 12 | 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. |   |                       |      |                              |
| a  | Exhaust Fan, 250 mm sweep                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 | 2910                  | Each | 2910                         |
|    | <b>Total:-</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |                       |      | <del>93494</del><br>93260.00 |

Draft schedule of quantities approved for Rs. 93494/-  
Rupees; Ninety-three thousand four hundred ninety four only

*[Signature]*  
Assistant Engineer  
Elect. Sub Division  
HPPWD Solan

DNRIT No 92 for 1st year 2026-27 duly approved  
for Rs. 93260/- only

*[Signature]*  
Executive Engineer,  
Electrical Division No-1,  
HPPWD, Kasumpti, Shimla-9