

HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT

NO.PW.ED.II.GA.TENDER/23-24-

1238-40

DATED:-

6/6/23

To

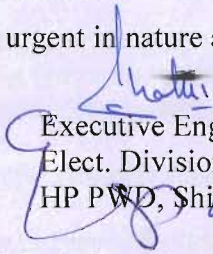
The Executive Engineer (IT)  
Nirman Bhawan HPPWD  
Shimla-2

Subject: - **Publication of Tender Notice.**

Sir,

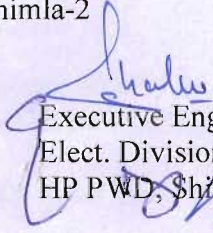
Jai Hind

Please find herewith the tender notice of works as given in the notice inviting tender for uploading on department website as per Notification vide Pr.Secy.(PW) to the Govt.of Himachal Pradesh letter No.PBW(B)1/2020 dated 27<sup>th</sup> May,2021 and PBW(B)A(3)1/2020 dated 16<sup>th</sup> July,2021 and even file dated 12.01.2023 as the works mentioned in the tender notice is (are) urgent in nature and in public interest.

  
Executive Engineer,  
Elect. Division No.II  
HP PWD, Shimla-1

Copy forwarded for further necessary action to the:-

- 1.The Superintending Engineer, Electrical Circle, HP PWD, Shimla-9 for information please.
2. Computer Cell O/O the Executive Engineer (IT Cell) Nigam Vihar Shimla-2

  
Executive Engineer,  
Elect. Division No.II  
HP PWD, Shimla-1

HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT

Office of Executive Engineer Electrical Division No-II HPPWD Shimla -171 001  
Website: [www.hppwd.gov.in](http://www.hppwd.gov.in) e-mail: [ee-eled2-hp@nic.in](mailto:ee-eled2-hp@nic.in) Tel/Fax: 0177-2990187

No.PW.ED.II.GA.Tender/2023-2024-

1241-65

Dated:-

6/6/23

**NOTICE INVITING TENDER**

Sealed percentage rate tenders are hereby invited by the Executive Engineer, Electrical Division NO II HPPWD Shimla-1 in form No.6&8 on behalf of Governor of H.P.for the following works from the contractors of appropriate class enlisted with HPPWD (Electrical). The tenders shall be opened in the presence of contractors/firms or their authorized representative who wish to be present.

**TIME SCHEDULE OF TENDER**

(i) Last date of receipt of application:	14.06.2023 Up to 1.00 P.M
(ii) Date of sale of tenders	14.06.2023 Up to 2 PM to 5.00 PM
(iii) Last date of receipt of bids: -	15.06.2023 Upto 10.30 A.M
(iv) Date of bid opening: -	15.06.2023 AT 11.30 A.M

The tender form will be issued to only those contractors who qualify the criteria after the scrutiny of application forms by the committee constituted for the purpose.

Work No. (1) Providing LVVVF drive of 26 passenger elevator (Machine No.MH6336 Otis make) installed at block-A of HPGDC Shimla. Estimated cost Rs.2,33,645/-Earnest money Rs.4700/- Time: 1 Month. Cost of form Rs.350/NR

Work No. (2)C/O Veterinary hospital building at Jubbal, Distt.Shimla (SH:Prov.El therein)Estimated cost Rs. 2,70,832/-Earnest money Rs.5500/-Time: 1 month. Cost of Form Rs.350/NR

Work No.(3)Construction of PHC building at Baghi Tehsil Kotkhal Distt.Shimla(SH:Prov.LED street light therein)Estimated cost Rs.,3,41,832/-Earnest money Rs. 6900/-Time:15 days. Cost of form Rs.350/only

Work No. (4)C/O HSC building at Gujandali Tehsil Tikker Distt.Shimla (SH:Prov.El therein) Estimated cost Rs.1,25,834/-Earnest money Rs.2600/-Time: 1 Year. Cost of form Rs.350/NR

**TERMS AND CONDITIONS:-**

1. The earnest money in the shape of National Saving certificate. Time deposit account in any of the post office in HP/FDR or any Bank duly pledged in favour of Executive Engineer, Elect Division No II HPPWD Shimla-1 accompanied with the application for receipt of tender form along with cost of form.
2. The contractor/firm should possess the following documents (photo copy to be self attested with application for obtaining the tenders documents.
  - a) Latest enlistment/renewal orders with application.
  - b) GST Number issued by the Sale Tax Department.
  - c) PAN (Permanent Account Number) issued by the Income Tax Department and copy of EPF issued from competent authority.
3. The Executive Engineer, Electrical Division No.II, HPPWD Shimla-1 reserves the right to reject any tender without assigning any reason(s)
4. The Cess charges @ 1% will be deducted from the gross amount of work done of the contractor.

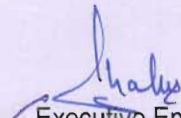
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5. The work will be completed by the contractor within the stipulated period.
6. The tender shall be issued to only those contractor/firms who are eligible suitable and competent.
7. The tender forms shall be issued to eligible contractors depending upon their past performance and work experience which shall be duly evaluated by the technical evaluation committee.
8. The contractor /firm having necessary documents and past adequate experience shall be preferred.
9. The contractor who has failed to start/complete the work already allotted in his favour within stipulated period shall not be issued tender forms.
10. A contractor enlisted in a particular class be eligible to tender for his own class and one step below
11. Only two number tender forms will be issued to the eligible contractor.
12. If any kind of holiday to be happened, the tender shall be opened on the next working day at 11.30 a.m.
13. GST will be deducted as per rates fixed by the Government.

**CERTIFICATE:-**

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

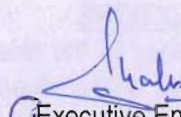
  
Executive Engineer,  
Elect. Division No.II,  
HPPWD Shimla-1

Copy forwarded for information to the:-

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

1241-65

dt 6/6/23

  
Executive Engineer,  
Elect. Division No.II,  
HPPWD Shimla-1

**DRAFT SCHEDULE OF QUANTITY**

Estimated Cost:- Rs.2,33,645/- only ✓

Earnest Money:- Rs.4700 /- only ✓

Time:- One Month ✓

Name of work:- Providing L-VVVF drive at 26 passenger elevator(Machine No. MH6336 OTIS make) installed at Block-A of HP Govt. Dental College, Shimla.

S.No.	Description of Items	Qty.	Unit	In Figures	Rate In words	Amount
1.00	Providing important equipments strongly recommended by manufacturer of 26 Passenger-cum-bed lift installed at Block-A of HP Govt. Dental College, Shimla.(Machine No-H006336 OTIS make)					
a	Supply, Installation, Testing and Commissioning of L-1000 Drive.					
i	G5/L7 to L000 VVVF open Loop to Close.	1.00	Each	233645.00	Two Lakh Thirty Three Thousand Six Hundred Forty Five ✓	233645.00 ✓
	<b>Total:-</b>					<b>233645.00</b>

*Draft Schedule of Quantity approved for Rs. 233,645/- only (Rs Two Lakh, Thirty Three Thousand, six hundred & forty five only.)*

Executive Engineer,  
Electrical Division No-II,  
HP PWD (B-54/Chia) Shimla-1



**DRAFT SCHEDULE OF QUANTITY**

Estimated Cost:- Rs.2,70,832/- only

Earnest Money:- Rs.5500/- only

Time:- One month

Name of work:- C/O Veterinary Hospital building at Nekrari Tehsil Jubbal District Shimla. (H.P.) (SH:- Providing E.I. therein.)

S.No.	Description of Items	Qty.	Unit	In Figures	Rate In words	Amount
1.00	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit and earthing the light point with 1.5 Sq.mm. HFR/L/PVC insulated single core copper conductor cable as required. <b>Group C.</b>					
1.01	Light Point	33.00	Point	1595.00	Rs. One Thousand Five Hundred Ninety Five only	52635.00
1.02	Fan Point	3.00	Point	1595.00	Rs. One Thousand Five Hundred Ninety Five only	4785.00
1.03	Call Bell Point	2.00	Point	1595.00	Rs. One Thousand Five Hundred Ninety Five only	3190.00
2.00	Wiring for twin control light point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit with 2-way, 5/6 amps. piano type switch and earthing the light point with 1.5 Sq.mm. HFR/L/PVC insulated single core copper conductor cable as required.					
2.01	Twin Control. Group C.	2.00	Point	1600.00	Rs. One Thousand Six Hundred only	3200.00

3.00	Wiring for light plug with 2x1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required.	75.00	Point	295.00	Rs. Two Hundred Ninety Five only	22125.00
4.00	Wiring for power plug with 2x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.4 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required.	70.00	Meter	366.00	Rs. Three Hundred Sixty Six only	25620.00
5.00	Wiring for power plug with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No.4 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required.	70.00	Meter	507.00	Rs. Five Hundred Seven only	35490.00
6.00	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required.					
6.01	2x2.5 Sq. mm. (For Street Light)	20.00	Meter	324.00	Rs. Three Hundred Twenty Four only	6480.00
6.02	2x10 Sq. mm. (For main board)	10.00	Meter	696.00	Rs. Six Hundred Ninety Six only	6960.00



7.00	Supplying and fixing metal box of 180mmx100mmx60mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 5/6 amps socket outlet and 5/6 amps, piano type switch, connections, painting etc. as required.	10.00	Each	399.00	Rs. Three Hundred Ninety Nine only	3990.00
8.00	Supplying and fixing metal box of 180mmx100mmx60mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 6 pin 15/16 amps socket outlet and 15/16 amps, piano type switch, connections, painting etc. as required.	10.00	Each	539.00	Rs. Five Hundred Thirty Nine only	5390.00
9.00	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:-	2.00	Each	286.00	Rs. Two Hundred Eighty Six only	572.00
10.00	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required:-					
10.01	Single pole. 6 Amps Cat-A.	5.00	Each	235.00	Rs. Two Hundred Thirty Five only	1175.00
10.02	Single pole. 16 Amps Cat-A.	10.00	Each	235.00	Rs. Two Hundred Thirty Five only	2350.00
11.00	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required:-					

11.01	MCB DP 40\50\63 Amp.	2.00	Each	1147.00	Rs. One Thousand One Hundred Forty Seven only	2294.00
12.00	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliampers in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
12.01	RCCB 63 Amps. Cat-A	2.00	Each	3333.00	Rs. Three Thousand Three Hundred Thirty Three only	6666.00
13.00	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus-bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required:-					
13.01	Double door-12 way	1.00	Each	2298.00	Rs. Two Thousand Two Hundred Ninety Eight only	2298.00
14.00	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required:-					
14.01	Exhaust Fan, Light duty, (Domestic) 300 mm sweep	3.00	Each	2130.00	Rs. Two Thousand One Hundred Thirty only	6390.00
15.00	Supplying and fixing of fancy wall bracket containing thread type CFL lamp holder (s) of all sizes and shapes, complete with all accessories but excluding CFL lamp including making connections, testing etc. as required.					



15.01	Fixed type wall bracket 150 dia, single lamp.(Category-A)	6.00	Each	650.00	Rs. Six Hundred Fifty only	3900.00
16.00	Supplying and erection of street light bracket made of G.I. pipe 'A' class of suitable length and dia, the pipe bended to give an angle of 100 to 110 degree fitted with bolt & nuts at the top of existing pole or wall including painting the pipe with two coats of approved paint over priming coat complete in all respects as required:-					
16.01	32 mm dia. G.I. pipe, heavy class	2.00	Each	514.00	Rs. Five Hundred Fourteen only	1028.00
17.00	Providing and laying of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured/XI, PE power cable, working voltage 1100 volts grade direct in ground; to be laid 1 meter below the ground level including excavation and refilling the trench etc.as required, but excluding sand cushioning and protective covering:-					
17.01	Armoured cable 10 sq. mm (twin core)	30.00	R.Mtr.	252.00	Rs. Two Hundred Fifty Two only	7560.0
18.00	Providing and installation of following type of ultra slim decorative LED batten with extruded aluminium heat sink, with anti glare polycarbonate diffuser and energy efficient constant integral, electronic driver, suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, including mounting clips & loop in loop out wire, connections, testing and commissioning etc.as required. Make: Philips, Syska, GE, Bajaj, C & S, Panasonic or any other approved by Engineer-in-Charge.					

18.01	LED Batten Light 10 W 600mm	2.00	Each	592.00	Rs. Five Hundred Ninety Two only	1184.00
18.02	LED Batten Light 20 W 1200mm	20.00	Each	787.00	Rs. Seven Hundred Eighty Seven only	15740.00
19.00	Providing and installation of following type of LED SLEEK surface mounted square Downlight with polycarbonate body and aluminium heat sink, suitable for input voltage: AC 220-240V, 50/60 Hz including mounting the fixture, testing etc. as required complete in all respects with two year warranty & 100 lumens / watt. <b>Make:- Philips, Syska, GE, Bajaj, C &amp; S, Panasonic or any other approved by Engineer-in-Charge.</b>					
19.01	Sleek Surface 8 WH SQ 8 watt LED	2.00	Each	644.00	Rs. Six Hundred Forty Four only	1288.00
20.00	Supplying and fixing of surface mounting square ceiling lights LED type of all size and shapes, complete with all accessories including making connections, testing etc. as required to the best satisfaction of Engineer-in-Charge as required. <b>Make:- Philips, Syska, GE, Crompton, Bajaj, C &amp; S, Panasonic, Surya, Havell's or any other approved by Engineer-in-Charge with two year warranty.</b>					
20.01	Surface mounting ceiling fitting 15 watt	8.00	Each	1616.00	Rs. One Thousand Six Hundred Sixteen only	12928.00



21.00	Supplying and fixing of Bajaj make SKYLITE Recess / Surface mounting LED 2X2 luminaire Cat No.BCTBLR 36 ZTN WH, white powder coated CRCA housing with highpower LEDs. Aluminium front frame with flat white high transmission acrylic cover complete with all accessories including making connections, testing etc. to the best satisfaction of Engineer-in-Charge as required with two year warranty & 100 lumens / watt. Make:- Philips, Syska, GE, Bajaj, C & S, Panasonic or any other approved Engineer-in-Charge.					
21.01	LED 2 X 2 luminaire 36 watt Recess / Surface mounting	4.00	Each	3448.00	Rs. Three Thousand Four Hundred Forty Eight only	13792.
22.00	Providing and installation of following street light LED luminaire with pressure die cast housing with epoxy power coated dark graphite gray colour finish.Prismatic polycarbonate cover with individual LED lenses and seprated energy efficient constant current,non-integral,electronic driver,suitable for input voltage:AC 220-240 V,50/60Hz,complete with all accessories,connections,testing and commissioning etc.as required with minimum two years warranty.Make:Philips,Syska, GE, Bajaj, C & S, Panasonic or any other approved by Engineer-in-Charge.					
22.01	LED Street Light 45 watt.	2.00	Each	6883.00	Rs. Six Thousand Eight Hundred Eighty Three only	13766.
23.00	Providing, Installation of following type of LED lamps for fancy wall bracket suitable for input voltage: AC 220-240V, 50/60 Hz including testing etc. as required complete in all respect with two year warranty & 100 lumens / watt. Make:- Philips, Syska, GE, Bajaj, C & S, Panasonic or any other approved by Engineer-in-Charge.					

23.01	LED lamps 6 watt	6.00	Each	175.00	Rs. One Hundred Seventy Five only	1056
24.00	Supplying and erection of MCCB DU 100 H4 pole 415 volts 50 Hz 30 KA in existing enclosure L & T and Indo Asian as approved by Engineer-in-Charge.					
		1.00	Each	6986.00	Rs. Six Thousand Nine Hundred Eighty Six only	6986
<b>Total:-</b>						<b>2708</b>

*Draft schedule of quantity approved for Rs. 2,70,832/- only (Rs Two lakh, seven thousand, eight hundred thirty two only)*

*Indur*  
Executive Engineer,  
Electrical Division No.-II,  
HP PWD (U.S. Club) Shi



**DRAFT SCHEDULE OF QUANTITY**

Estimated Cost:- Rs.3,41,916/- only

Earnest Money:- Rs.6900/- only

Time:- 15 Days

**Name of work:- C/O of PHC building at Baghi Tehsil Kotkhai District Shimla. (SH:- Providing LED street light therein.)**


S.No.	Description of Items	Qty.	Unit	Rate		Amount
				In Figures	In words	
1.00	Providing and installation of following type of basic all purpose surface and wall mounted LED batten with powdered coated aluminium housing & integrated electronic driver,suitable for input voltage:AC 220-240 V,50/60Hz,complete with all accessories,including mounting clips & loop in loop out wire,connections,testing and commissioning etc.as required.Make: Havell or any other approved by Engineer-in-Charge.					
1.01	<b>ENDURALINEAREOBS 20WL led 865 S PCWH</b>	37.00	Each	1726.00	Rs. One Thousand Seven Hundred Twenty Six only	63862.00
1.02	<b>ENDURALINEAREOBS 10WL led 865 S PCWH</b>	7.00	Each	1222.00	Rs. One Thousand Two Hundred Twenty Two only	8554.00
2.00	Providing & fixing Atom LED wall light model No-581922 colour chrome material metal dimension L140XW140XH 125 LED integrated 7 watt Lumen/CCT 350lm /3000k 240volts -50HZ philips makecomplete with all accessories including connection etc. as required.					
2.01	<b>Wall LED light</b>	20.00	Each	1953.00	Rs. One Thousand Nine Hundred Fifty Three only	39060.00

3.00	Supplying and fixing of surface mounting Square Ceiling Lights LED type of all size and shapes, complete with all accessories including making connectoins, testing etc.as required. To the best setisfication of Engineer-in-Charge as required.Make:; Havell's or any other approved by Engineer-in-Charge.					
3.01	<b>Edgepro Surface 15watt.LED</b>	21.00	Each	2271.00	Rs. Two Thousand Two Hundred Seventy One only	47691.00
4.00	Providing, Installation,of following type of Elegantly designed sleek surface mounted pressure die -cast aluminum in powder coated white finish in square profile with optimized heat sink or efficient heat dissipation and independent electronic LED driver required complete in all respects .Make: havell or any other approved by Engineer-in-Charge.					
4.01	<b>INTERGRANXTSODLIRSURD9WLED 830S 9 watt.LED</b>	11.00	Point	1726.00	Rs. One Thousand Seven Hundred Twenty Six only	18986.00
5.00	Supplying and fixing of Havell make Aesthetically designed LED flat panel for Surface mounting which provides soft -light and glare free symmetrical illumination CRCA housing with highpower LEDs.Aluminium front frame with flat white high transmission acrylic cover.Complete with all accessories including making connections,testing etc. .Make: Havell or any other approved by Engineer-in-Charge.					
5.01	<b>PLANOSUR 2X2PLS 36 W LED 857S SO 720</b>	9.00	Each	4997.00	Rs. Four Thousand Nine Hundred Ninety Seven only	44973.00

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6.00	Providing and fixing Designed with beautiful aesthetics using new generation technology in LED to enliven your outdoor and indoor area in perfect synchronization with functionality and aesthetics family of bulkhead light designed to complement the geometry of the raea with moden design. complete with all accessories including making connection etc as reqd.					
6.01	<b>RUGBYGENXFTS10WLED 865SSYMBOPC</b>	10.00	Each	1499.00	Rs. One Thousand Four Hundred Ninety Nine only	14990.00
7.00	Providing and fixing new generation energy and environmental friendly long life LED street light made up of pressure die cast aluminium housing with high efficiency LED as lighting source and toughened glass having bottom opening seperate driver compartment with IP66 protection and input and impact resistance of IK 07 LED Street light luminiare complete with all accessories including making connection etc as reqd. Havell make					
7.01	<b>ENDURASUNDOWNSL60WLED 765PASYBOTG</b>	5.00	Each	6614.00	Rs. Six Thousand Six Hundred Fourteen only	33070.00
8.00	Supplying and erection of street light bracket made of G.I. pipe 'A' class of suitable length and dia, the pipe bended to give an angle of 100 to 110 degree fitted with bolt & nuts at the top of existing pole or wall including painting the pipe with two coats of approved paint over priming coat complete in all respects as required:-					
8.01	40 mm dia. G.I. pipe, heavy class	5.00	Each	592.00	Rs. Five Hundred Ninety Two only	2960.00



2.00	Supplying and erection of Galvanized Iron (G.I.) pipe pole 'A' quality of suitable length and dia. 4.85 mm thickness, including fixing up to a given depth below G/L. The hole of excavation about 30 cm dia. and given depth to be filled in up to 15 cm below G/L with 1:3:6 cement concrete and there above plinth with 1:2:4 cement concrete up to a height of 45 cm from G/L. The radial thickness of the plinth above G/L should not be less than 6.35 cm and sufficient to completely flush a 180 mmx100 mmx 45 mm deep, glass filled Nylon F.R. grade box for housing a 16 Amp. MCB, the outer surface of the plinth to be finished with 1:3 cement plaster 6 mm thick, the fuse-box shall have a water tight cover, including painting of pole with two coats of approved color, brand and manufacture of paint over a priming coat complete in all respects as required.-					
9.01	6 Meter long having nominal bore dia. 80 mm planting depth 120 cm with pit depth 135 cm.	5.00	Each	5085.00	Rs. Five Thousand Eighty Five only	25425.00
10.00	Providing and laying of aluminium conductor, PVC insulated and PVC sheathed, armoured/XLPE power cable, working voltage 1100 volts grade direct in ground in the same trench, in one tier horizontal formation to be laid 1 meter below the ground level including excavation and refilling the trench etc.as required, but excluding sand cushioning and protective covering etc. of required size:-					
10.01	Armoured cable 6 sq. mm (twin core)	77.00	R.Mtr.	231.00	Rs. Two Hundred Thirty One only	17787.00



12.00	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.HFR/L/PVC insulated single core copper conductor cable of same size for earthing as required.					
12.01	2x2.5 Sq. mm.	40.00	Meter	324.00	Rs. Three Hundred Twenty Four only	12960.00
13.00	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required:-					
13.01	16 Amp Cat.-A	5.00	Each	235.00	Rs. Two Hundred Thirty Five only	1175.00
14.00	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus-bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required:-					
14.01	Double door-4 way	6.00	Each	1546.00	Rs. One Thousand Five Hundred Forty Six only	9276.00

15.00	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required:-					
15.01	Double Pole Cat.-A 63 Amp.	1.00	Each	1147.00	Rs. One Thousand One Hundred Forty Seven only	1147.00
<b>Total:-</b>						<b>341916.00</b>

*Draft schedule of quantity approved*  
*for Rs. 3,41,916/- only (Rs Three lakh*  
*forty one Thousand, Nine hundred, six*

*[Signature]*  
 Executive Engineer,  
 Electrical Division No.-II,  
 HP PWD (U.S. Club) Shimla



## DRAFT SCHEDULE OF QUANTITY

Estimated Cost:- Rs.1,25,834/- only

Earnest Money:- Rs.2600/- only

Time:- One year

Name of work:- C/O HSC building Gujandali Tehsil Tikkar District Shimla. (H.P.) (SH:- Providing E.I. therein.)

S.No.	Description of Items	Qty.	Unit	Rate		Amount
				In Figures	In words	
1.00	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm . PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit and earthing the light point with 1.5 Sq. mm . HFR/L/PVC insulated single core copper conductor cable as required.					
1.01	Group C Light Point	14.00	Point	1595.00	Rs. One Thousand Five Hundred Ninety Five only	22330.00
1.02	Group C Call Bell Point	1.00	Point	1595.00	Rs. One Thousand Five Hundred Ninety Five only	1595.00
1.03	Group C Exhaust Fan Point	2.00	Point	1595.00	Rs. One Thousand Five Hundred Ninety Five only	3190.00
2.00	Wiring for light plug with 2x 1.5 Sq. mm . PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.1.5 Sq. mm . HFR/L/PVC insulated single core copper conductor cable for earthing as required.					
		20.00	Meter	295.00	Rs. Two Hundred Ninety Five only	5900.00

3.00	Wiring for power plug with 2x 4 Sq. mm . PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flex ible) copper conductor cable in surface/recessed steel conduit along with 1 No.4 Sq. mm . HRFRLS/PVC insulated single core copper conductor cable for earthing as required.	40.00	Meter	366.00	Rs. Three Hundred Sixty Six only	14640.00
4.00	Wiring for power plug with 4x 4 Sq. mm . PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flex ible) copper conductor cable in surface/recessed steel conduit along with 2 No.4 Sq. mm . HRFRLS/PVC insulated single core copper conductor cable for earthing as required.	15.00	Meter	507.00	Rs. Five Hundred Seven only	7605.00
5.00	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flex ible) copper conductor cable in surface/recessed steel conduit along with 1 No.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required.					
5.01	2x 1.5 Sq. mm .	20.00	Meter	295.00	Rs. Two Hundred Ninety Five only	5900.00
5.02	2x 10 Sq. mm .	5.00	Meter	696.00	Rs. Six Hundred Ninety Six only	3480.00
6.00	Supplying and fixing metal box of 180 mm x 100 mm x 60 mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 5/6 amps socket outlet and 5/6 amps, piano type switch, connections, painting etc. as required.	6.00	Each	399.00	Rs. Three Hundred Ninety Nine only	2394.00



7.00	Supplying and fixing metal box of 180 mm x 100 mm x 60 mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 6 pin 15/16 amps socket outlet and 15/16 amps, piano type switch, connections, painting etc. as required.	5.00	Each	539.00	Rs. Five Hundred Thirty Nine only	2695.00
8.00	Supplying and fixing call bell / buzzer, suitable for D.C./A.C. single phase, 230 volts complete as required:-	1.00	Each	179.00	Rs. One Hundred Seventy Nine only	179.00
9.00	Providing and fixing LED wall light 12 watt of K-lite make made of extruded aluminium with fabricated aluminium frame with IP20 protection complete with all accessories including making connection etc as reqd.					
9.01	LED Wall light 20watt	2.00	Each	493.00	Rs. Four Hundred Ninety Three only	986.00
10.00	Supplying and fixing of LED mirror light of Havell make with decorative end cap, polycarbonate body and ribbed opal diffuser including making connection etc as reqd.					
10.01	LED Mirror Light 8 watt	1.00	Each	1202.00	Rs. One Thousand Two Hundred Two only	1202.00

11.00	Providing and installation of following type of surface mounting slim square / round type LED panel light finish with anti mgalre poly carbonate diffuser and and seprated energy efficient constant current non-intregeal electronoc driver suitable for input voltage AC 220-/240 V 50/60 Hz complete with all accessories, connection testing and commissioning etc. as required make Philips, Syska GE,Bajaj,C&S, Panasonic or any other approved by Engineer-in- Charge .					
11.01	LED Panel light 36 watt	2.00	Each	2985.00	Rs. Two Thousand Nine Hundred Eighty Five only	5970.00
12.00	Providing and installation of following type of surface mounting slim square / round type LED panel light finish with anti mgalre poly carbonate diffuser and and seprated energy efficient constant current non-intregeal electronoc driver suitable for input voltage AC 220-/240 V 50/60 Hz complete with all accessories, connection testing and commissioning etc. as required make Philips, Syska GE,Bajaj,C&S, Panasonic or any other approved by Er.-In- Charge .					
12.01	LED Panel light 8 watt BGSL0 Sleek surface 8 W WH SQ	1.00	Each	637.00	Rs. Six Hundred Thirty Seven only	637.00
12.02	LED Panel light 15 watt BGSL0 Sleek Surface 15 w WH SQ	4.00	Each	904.00	Rs. Nine Hundred Four only	3616.00
13.00	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the ex isting MCB DB complete with connections etc. as required:-					



13.01	Single pole. Cat-A.	8.00	Each	235.00	Rs. Two Hundred Thirty Five only	1880.00
14.00	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required:-					
14.01	Double pole. Cat-A.	1.00	Each	1147.00	Rs. One Thousand One Hundred Forty Seven only	1147.00
15.00	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus-bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required:-					
15.01	Double door-12 way	1.00	Each	2298.00	Rs. Two Thousand Two Hundred Ninety Eight only	2298.00
16.00	Earthing with G.I earth pipe 4.5 mtr. long and 40mm dia, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. ( but without charcoal or coke and salt ) complete as required.	1.00	Set	5084.00	Rs. Five Thousand Eighty Four only	5084.00
17.00	Extra for using salt and charcoal for pipe earth electrode complete as required.	1.00	Set	1059.00	Rs. One Thousand Fifty Nine only	1059.00

18.00	Supplying and laying 6 SWG G.I. wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required.	20.00	Meter	59.00	Rs. Fifty Nine only	1180.00
19.00	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and co mm issioning etc. as required:-					
19.01	Exhaust Fan, Light duty, (Domestic) 225 mm sweep	1.00	Each	1982.00	Rs. One Thousand Nine Hundred Eighty Two only	1982.00
19.02	Exhaust Fan, Heavy duty, 450 mm sweep	1.00	Each	4981.00	Rs. Four Thousand Nine Hundred Eighty One only	4981.00
20.00	Providing and fixing LED Street light luminaire complete with all accessories including making connection etc. as reqd.					
20.01	LED Street light 45 watts LUX-SL B-45	4.00	Each	5976.00	Rs. Five Thousand Nine Hundred Seventy Six only	23904.00
	<b>Total:-</b>					<b>125834.00</b>

*Do not schedule of quantity approved for Rs 125,834/- only (Rs one lakh, twenty thousand, eight hundred and thirty four only)*

Executive Engineer,  
Electrical Division No. 4  
HP PWD (U&A Club) St