



Office of the  
Executive Engineer  
Electrical Division, HP PWD Una  
Tel: +911975223484, Fax: +911975223484  
E-mail: ee-eleu-hp@nic.in

No.PW/EDU/CB//TA/Tender/2025-26/-

4953-80

Dated 24/10/2025

To

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


Subject: - Regarding publication of Tenders Notice.

Sir,

“JAI HIND”

Enclosed please find herewith Tenders Notice along with Schedule of Quantities for uploading the same on Departmental website as per Notification no. PBW-(B)1/2020 dated 16.07.2021 as the work mentioned in the Tender Notice are urgent in nature and in Public interest. This is for your kind information and necessary action at your end please.

DA:-As above.

  
Executive Engineer,  
Electrical Division,  
HPPWD, Una.

Copy along with its enclosures is forwarded to the following for favour of information please:-

1. The Superintending Engineer, 2<sup>nd</sup> Electrical Circle, HPPWD, Dharamshala.
2. The Assistant Engineer, Electrical Sub Division, HP PWD Una/Hamirpur & Bilaspur.
3. All the contractors working under the control of this Division.
4. All the Head of Branches in this office.
5. Notice Board.

  
Executive Engineer,  
Electrical Division  
HPPWD, Una



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Executive Engineer  
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**\*NOTICE INVITING TENDER\***

Sealed percentage rate tenders are hereby invited by the Executive Engineer, Electric Division HPPWD Una, 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 on dated **03/11/2025** in the presence of contractors/firms or their authorized representative who wish to be present.

The copy of **Valid enlistment** and renewal certificate along with GST No., Pan No., and EOI No. shall be attached with application form. The offer of the tender shall remain open **75 days** from the date of opening of the tenders. The undersigned reserves the right to reject/cancel the tenders without assigning any reason. 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.

**TIME SCHEDULE OF TENDER**

1.	Last date of receipt of application	:-	01/11/2025 up to 1.00 P.M.
2.	Date of sale of tenders	:-	01/11/2025 up to 5.00 P.M.
3.	Last date of receipt of bids	:-	03/11/2025 up to 11.30 A.M.
4.	Date of bid opening	:-	03/11/2025 up to 1.00 P.M.

Sr. No.	Name of work	Estimated Cost (In Rs.)	Earnest Money (In Rs.)	Cost of form (In Rs.)	Time Limit	Eligible Class of Contract
1	Running and Operation of Bolero Camper No. Applied for in Electrical Division HPPWD Una Distt. Una (HP) (SH:- Providing Skilled Driving services (w.e.f. for Three months from awarded date)	71,024/-	1,400/-	350/-	Three Months	Class-D.C
2	Repair and Maintenance of various HPPWD, Rest Houses and Circuit House in Distt. Una under Electrical Sub-Division Una Distt. Una (HP)	93,263/-	1,900/-	350/-	One year	Class-D.C
3	C/o Toilet for Physically Disabled and Transgender in Court Complex Jhandutta Distt. Bilaspur (HP) (SH:- Providing E.I. therein)	57,561/-	1,200/-	350/-	Six Months	Class-D.C
4	C/o Toilet for Physically Disabled and Transgender in Court Complex Jhandutta Distt. Bilaspur (HP) (SH:- Providing E.I. therein)	57,561/-	1,200/-	350/-	Six Months	Class-D.C
5	Repair and Maintenance of various residence Court building at Una under Electrical Sub-Division Una Distt. Una (HP).	95,586/-	1,900/-	350/-	Six Months	Class-D.C
6	A/R & M/O of various type and different capacity of Air Conditioner installed in various N.R. Govt. building under E.S.D. HPPWD, Una (Bangana Section) for the year 2025-26	76,066/-	1,500/-	350/-	One year	Specialized
7	A/R & M/O of various type and different capacity of Air Conditioners installed in various N.R. Govt. building in Una under Electrical Sub-Division HPPWD, Una (H.P) for the year 2025-26	67,602/-	1,400/-	350/-	One year	Specialized
8	A/R & M/O of various type and different capacity of Air Conditioners installed in various N.R. Govt. buildings under E.S.D. HPPWD, Una (Una Section) HPPWD, Rest House Haroli for the year 2025-26	33,805/-	700/-	350/-	One year	Specialized

9	A/R & M/O various Govt. residential buildings under ESD Bilaspur H.P. (SH:- Replacement of damaged Electrical accessories in various Govt. residential building under ESD Bilaspur	99,910/-	2,000/-	350/-	Two Months	Class-D,C
10	C/o Divyangjan and Transgender Toilets in Court Complex building at Bilaspur (H.P.). (SH:- Providing E.I. therein)	53,143/-	1,400/-	350/-	Alongwith Civil work	Class-D,C
11	Replacement of E.I. in JE office Cum-residential at Namhol in Distt. Bilaspur (HP)	98,552/-	1,900/-	350/-	Six Months	Class-D,C
12	Replacement of LED down lighter, Ceiling fan, Exhaust fan, MCB DP in Rest house under Section Sujampur and Hamirpur Distt. Hamirpur	96,312/-	1,900/-	350/-	Six Months	Class-D,C
13	Providing Maintenance repair and Correction of various breakdowns in E.I. in the residence of Civil Judge-cum-Judicial Magistrate (1 <sup>st</sup> Class) at Barsar Distt. Hamirpur (HP)	98,727/-	2,000/-	350/-	Six Months	Class-D,C
14	Providing Maintenance repair and correction of various breakdown in E.I. in the various Govt. NR buildings i.e. Rest house Barsar, Bhotia, Taun Bharari, Bhoranj and Deotsidh under ESD Hamirpur (Barsar Section) Distt. Hamirpur (HP)	93,016/-	1,900/-	350/-	Six Months	Class-D,C
15	Replacement of old damaged accessories E.I. in Pooled Colony type IV quarter 3.11.12 PWD Colony IV quarter No. 4 PWD Colony type II quarter No. 245 under ESD hamirpur (HP).	99,733/-	2,000/-	350/-	Six Months	Class-D,C
16	A/R & M/O of NR building at Hamirpur (HP) (SH:- Replacement of burnt PCB for 20 KVA Numeric make UPS at Chief office Hamirpur Distt. Hamirpur	51,107/-	1,000/-	350/-	One month	Class-D,C

**GENERAL 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, HPPWD., Electrical Division Una accompanied with the application for receipt of tender form along with cost of form.
2. The Contractor/Firm should be submitted the all above-mentioned documents (photocopy to be self-attested) with the application for obtaining the tender documents.
3. In case office happens to be closed on any of the above mentioned dates, the bids will be opened on the next working day at same time and venue.
4. The contractors/firms are required to quote their rates clearly both in words as well as in figures, failing which tenders are likely to be rejected.
5. No Person/persons shall be allowed to give the documents with regard to tender unless he/they hold/holds the power of attorney duly registered under law.
6. The tender of those contractors who are registered under H.P. Central Sales Tax Act 1969, GST and who have been cleared all the dues on account of tax will be entertained.
7. The competent authority on behalf of Governor of H.P. reserves the right to reject any or all the tenders received without assigning any reason.
8. The eligible Contractors/Firm should performance certificate for specialized jobs as required.
9. The tendered amount should be within the limit of (+) 5% to (-) 30% as per notification No. PBW(B)A(3)1/2020-1 dated 07.10.2021 shall be applicable for Bid price lower than-10% and more than + 5%. If the Contractors/Firms has quoted bid price lower than 10% the performance guarantee will be deposited before the award of work as per terms & condition of above said notification.

**“HIM SUCHANA AVAM JANSAMPARK”**

**Executive Engineer,  
Electrical Division  
HPPWD, Una**

**DRAFT SCHEDULE OF QUANTITY**

		Estimated cost:- Rs. 71,024/-	
		Earnest money:- Rs. 1,400/-	
		Time Limit:- Three months.	

Name of work:- Running and operation of Bolero Camper in Electrical Division HP.PWD Una Dist. Una (H.P) (SH:- Providing Skilled driving services(w.e.f for Three months from awarded date)

Sr. No.	Description of Items	Quantity	Rate In Fig.	In Words.	Unit	Amount
1	Providing Services on temporary basis driving for Bolero Camper in Departmentally vehicle during working hours (9.30Am to 5.30PM) or as when required by the Officer-in-charge.	3 Months 92 days	772	Rupees Seven hundred seventy two only.	P/day	71024
<b>TOTAL</b>						<b>71024</b>

*QUIT No. 231 has been checked & approved for Rs. 71,024/- only (Rs. Seventy One Thousand & Twenty four only)*

*H.P.*  
**ASSISTANT ENGINEER**  
 Electrical Sub Division  
 H.P.P.W.D. UNA

*H.P.*  
**Executive Engineer**  
 Electrical Division  
 H.P.P.W.D. Una-174303

*Job No. 1*

## DRAFT SCHEDULE OF QUANTITY

							Estimated cost:- Rs. 93,263/-		
							Earnest money:- Rs. 1,900/-		
							Time Limit:- One Year		

Name of work:--Minor Repair and Maintenance of various HPPWD Rest Houses and Circuit House in Distt. Una Under Electrical Sub-Division Una Distt Una H.P

S.No.	Description of Items	Quantity	Rate in figure	In words.	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 heavy class PVC conduit having wall thickness minimum 2 mm with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Make:- Anchor/L&T/SSK.					
1.01	Group C	4	1147	Rupees One thousand one hundred forty seven only.	each	4588
2	Wiring for circuit/submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed heavy class pvc conduit as required.Make:-KEI/Finolox/Polycab as approved by Engineer-In-Charge.					
2.01	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	25	311	Rupees Three hundred eleven only.	Meter	7775
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.Make:-KEI/Finolox /Polycab as approved by Engineer-In-Charge.					
3.01	3 x 1.5 sq. mm	110	100	Rupees One hundred only.	Meter	11000
3.02	3 x 4 sq. mm	48	220	Rupees Two hundred Twenty only.	Meter	10560
4	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. Make:- Anchor/L&T/SSK.					
4.01	5/6 amp switch	8	42	Rupees Fourty two only.	MTR	336
4.02	5/6 amp socket	7	57	Rupees Fifty seven only.	each	399

Job No. 2

4.04	5 pin 15/16 amp socket outlet	4	123	Rupees One hundred twenty three only	each	492
4.05	fan regulator	4	257	Rupees Two hundred fifty seven only.	each	1028
4.06	Plug Top 15 amp	2	120	Rupees One hundred twenty only.	each	240
5	Supplying and fixing pvc box of 200mm 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 nos. 3 pin 5/6 amps Piano socket outlets and 3 nos 5/6 amps Piano switches, connection, painting etc. as required. Make:- Anchor/L&T/SSK.	4	615	Rupees Six hundred fifteen only.	each	2460
6	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. (For light plugs to be used in non residential buildings). Make:- L&T/Anchor/SSK.	3	265	Rupees Two hundred sixty five only.	each	795
7	Supplying and fixing pvc box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLS on including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required. Make:- Anchor/L&T/SSK.	2	406	Rupees Four hundred six only.	each	812
8	Providing, Installation, testing and commissioning of BLDC ceiling fan (5 star rating), ISI without fan regulator including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required: Make:- UshaTechnix 5 star/Crompton/Orient					
8.01	BLDC Ceiling Fan 1200 mm sweep	2	4323	Rupees Four thousand three hundred twenty three only.	each	8646
9	Providing and Installation of Wall mounting fan of 400 mm sizes i/e hang the same in position on the wall,connections,testing and commissioning etc.as required with best satisfaction of Engineer in charge. : Make:-Bajaj/USHA/Crompton as approved by Engineer-In-Charge.(Five year warranty)	1	3041	Rupees Three thousand forty one only.	each	3041

10	Providing and installation exhaust fan of 300mm size 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. Make:- Usha/Bajaj/Crompton as approved by Engineer-In-Charge.	2	2567	Rupees Two thousand five hundred sixty seven only.	each	5134
11	Providing and installation exhaust fan 250 mm pvc body 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. Make:- Usha/Bajaj/Crompton as approved by Engineer-In-Charge.	1	2267	Rupees Two thousand two hundred sixty seven only.	each	2267
12	Supplying and fixing exhaust fan louver shutter for 300 mm. exhaust fan on the existing wall, painting etc, as required,	1	750	Rupees Seven hundred fifty only.	each	750
13	Supplying and fixing Prescent Post top lantern LED 25 watts made of spun alumun with sturdy bracket with Powered LED are mounted directly on extruded aluminium heat sinks. A UV stabilized PC/PMMA diffuser is provided for glare free lighting with high visual comfort. Input voltage AC-100-270. Frequency 50~60HZ. Power factor 0.950. efficacy 100 Lum/W, CRI 80, THD 10% LIFE 50000 H. Colour temperature NW 4000K. (Make:- Lux Max Genius small (PT-153)	2	7011	Rupees Seven thousand eleven only.	each	14022
14	Providing and fixing of following watt surface mounted Luminaire LED batten, having decorative end caps and it should be compatible with specification i.e. Power Factor >.9, Harmonic Distortion <10% and efficiency >100 Lumens per watt, CRI > 80 suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning etc as: Make:- Philips /Panasonic/Jaquar/Wipro as approved by Engineer-In-Charge. (Five year warranty)					
14.01	22 watt	4	606	Rupees Six hundred six only.	each	2424
15	Supplying and fixing LED Lamp 9 watts , 6500K, 900 Lumens 240 volts AC. supply 50 Hz in the existing batten holder, pendant holder, wall bracket & bulk head fitting etc, as required. Panasonic code PBUM01097/Tisva/Philips make)	6	133	Rupees One hundred thirty three only.	Each	798
16	Providing and laying of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured/XLPE 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. of the required size:-but excluding sand cushioning and protective covering (Make:- Havells/L&T/KEI)					
16.01	Armoured cable 10 sq. mm (twin core)	46	344	Rupees Three hundred forty four only.	P/mtr.	15824
TOTAL						93623

*DNIT No. 232 has been checked & approved for Rs. 93,623/-  
(Ning Three Toward & Six hundred Twenty Three only)*

**Executive Engineer**  
Electrical Division  
H.P.P.W.D. Una-174303

Job No 3

DRAFT SCHEDULE OF QUANTITY

Estimated cost:- Rs.57,561/-

Earnest money:- Rs. 1200/-

Time Limit:- Six months.

Name of work:-C/O Toilet for Physically Disabled and Transgender in court complex Jhandutta Distt. Bilaspur(H.P.)

C.S.H. Providing Est. (Work)

S.No.	Description	Quantity	Rate In Fig.	In Words.	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 heavy class PVC conduit having wall thickness minimum 2 mm with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as requiredMake :KEI/ Anchor/FinoxL&T as approved by the Engineer -in-Charge.	9	1143	Rupees One thousand One hundred Fourty Three only.	each	10287
1.01	Group C					
2	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed heavy class PVC conduit having wall thickness minimum 2 mm, 2 way piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as requiredMake :KEI/ Anchor/FinoxL&T as approved by the Engineer -in-Charge.	3	1157	Rupees One thousand One hundred Fity Seven only.	each	3471
2.01	Group C					
3	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required .Make :-- KEI/ Anchor/FinoxL&T as approved by the Engineer -in-Charge.	20	198	Rupees One hundred and Ninety Eight only.	Meter	3960
3.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	20	198	Rupees One hundred and Ninety Eight only.	Meter	3960
3.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	30	311	Rupees Three hundred and Eleven only.	Meter	9330
3.03	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	20	432	Rupees Four hundred and Thirty Two only.	Meter	8640


4	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/isolator)Make L&T/ Legrand/Heger/ABB as approved by Er-in-charge.	1	1703	Rupees One thousand Seven hundred three only.	each	1703
4.01	8 way, Double door					
5	Supplying and fixing 6 amps to 32 amps rating, 240/415 volts, 10 KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.Make: L&T / ABB/ Heger/ Anchor as approved by Er-in-charge.					
5.01	Single pole:6 to 32Amp Cat-A.	4	239	Rupees Two hundred and thirty Nine only.	each	956
6	Supplying and fixing 6 amps to 32 amps rating, 240/415 volts, 10 KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.Make: L&T / ABB/ Heger/ Anchor as approved by Er-in-charge.					
6.01	DP 40/50/63 Amps. Cat-A.	1	662	Rupees Six hundred and Sixty two only.	each	662
7	Providing and installation exhaust fan of 300 mm sizes in the existing opening,including making the hole to suit the size of the above fan, making good thedamages, connections, testing and commissioning etc. as required. Make:- Usha Turbo H.D.900 RPM/Orient/Crompton as approved by Er-in-charge.					
7.01	EXHAUST Fan Light duty 300 mm sweep	3	2567	Rupees Two thousand Five hundred Sixty Seven only.	each	7701
8	Supplying and fixing exhaust fan louver shutter for 300/380 exhaust fan	3	593	Rupees Five hundred and Ninety three only.	each	1779

9	Providing and installation of following type of LED batten/Mirror light with aluminium housing, anti glare polycarbonate diffuser and energy efficient constant current, integralelectronic driver, suitable for input voltage: AC 220240 V, 50/60Hz, complete with all accessories, including mounting clamps, connections, testing etc. as required: Make JAQUAR, PHILIPS, Panasonic approved by the Engineer -in-	3	441	Rupees Four hundred and Fourty One only.	each	1323
10	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required, Make : Anchor/L&T/SSK as approved by the Engineer -in-Charge..					
10.01	5/6 amps switch P/T	3	42	Rupees Forty two only.	each	126
10.02	3 pin 5/6 A socket outlet P/T	3	57	Rupees Fifty Seven only.	each	171
11	Supplying and fixing brass batten/ angle holder including connection etc. as required.	4	88	Rupees Eighty Eight only.	Each	352
12	Providing and installation of following type of LED retrofit Lamp B-22 holder base with polycarbonate diffuser and aluminium heat sink including connections, testing and commissioning etc. as required.: Make JAQUAR, wipro/Philips/Havells as approved by Engineer-in-Charge					
12.01	LED Bulb 9watt	4	138	Rupees One hundred and Thirty Eight only.	Each	552
13	Supplying and fixing street light LED 25 watt with G.I bracket die cast Aluminium housing with frame and toughened glass, pipe mounting 5700K, (Five YEAR WARRANTY) and it should be compatible with specification e.i. Power Factor > .9, Harmonic Distortion <10% and efficacy >100 Lumens per watt, suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning etc. Make - Jaquar/Panasonic /Philips/wipro or as approved by Engineer-in-Charge	1	2729	Rupees Two thousand Seven hundred Twenty Nine only.	Each	2729
14	Providing and Fixing of IP20 LED Surface mounted CRCA Powder Coated Box Type Channel with Pro LED Lamp Suitable for mounting 1 X 18 W LED Tube T8 type having minimum system efficacy of 100 lm/W, P.F >0.95 with THD <10%, CCT 6500 K, CRI 80, Surge Protection 2 Kv. The LED with Useful life of 50000 Hrs at L70 . The Input voltage range shall be 150V to 270V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc. as required complete in all respects. Make - Jaquar/Panasonic /Philips/wipro or as approved by Engineer-in-Charge	3	867	Rupees Eight hundred and Sixty Seven only.	Each	2601

15	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLS on including providing and fixing 6 pin 5A & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. Make : Anchor/L&T/SSK as approved by the Engineer -in-Charge as required.	3	406	Rupees Four hundred and six only.	Each	1218
Total:-						57561

DNR No. 229 for the year 2025-26 has been checked for Rs. 57561/- only. (Rupees Fifty Seven thousand five hundred and sixty one only).

  
 Executive Engineer  
 Electrical Division  
 H.P.P.W.D. Una-174303

  
 Assistant Sub Engineer  
 Electrical Sub Division  
 HPPWD, Bilaspur (H.P.)

**DRAFT SCHEDULE OF QUANTITY**

Estimated cost:- Rs.57,561/-

Earnest money:- Rs. 1200/-

Time Limit:- Six months

Name of work:- C/O Toilet for Physically Disabled and Transgender in court complex Ghumarwin Distt. Bilaspur(H.P.) (SHI)

*Pravdhy Est. Heavy*

S.No.	Description	Quantity	Rate In Fig.	In Words.	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 heavy class PVC conduit having wall thickness minimum 2 mm with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Make :- KEI/ Anchor/Finox/L&T as approved by the Engineer -in-Charge.					
1.01	<b>Group C</b>	9	1143	Rupees One thousand One hundred Fourty Three only.	each	10287
2	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed heavy class PVC conduit having wall thickness minimum 2 mm, 2 way piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Make :- KEI/ Anchor/Finox/L&T as approved by the Engineer -in-Charge.					
2.01	<b>Group C</b>	3	1157	Rupees One thousand One hundred Fifty Seven only.	each	3471
3	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required. Make :- KEI/ Anchor/Finox/L&T as approved by the Engineer -in-Charge.					
3.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	20	198	Rupees One hundred and Ninety Eight only.	Meter	3960
3.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	30	311	Rupees Three hundred and Eleven only.	Meter	9330
3.03	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	20	432	Rupees Four hundred and Thirty Two only.	Meter	8640

*Job No. 4*

4	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) Make L&T/ Legrand/Heger /ABB as approved by Er-in-charge.	1	1703	Rupees One thousand Seven hundred three only.	each	1703
4.01	8 way, Double door	1	1703	Rupees One thousand Seven hundred three only.	each	1703
5	Supplying and fixing 6 amps to 32 amps rating, 240/415 volts, 10 KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make: L&T / ABB/ Heger/ Anchor as approved by Er-in-charge.					
5.01	Single pole.6 to 32Amp Cat-A.	4	239	Rupees Two hundred and thirty Nine only.	each	956
6	Supplying and fixing 6 amps to 32 amps rating, 240/415 volts, 10 KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make: L&T / ABB/ Heger/ Anchor as approved by Er-in-charge.					
6.01	DP 40/50/63 Amps. Cat-A.	1	662	Rupees Six hundred and Sixty two only.	each	662
7	Providing and installation exhaust fan of 300 mm 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. Make: - Usha Turbo H.D.900 RPM/Orient/Crompton as approved by Er-in-charge.					
7.01	EXHAUST Fan Light duty 300 mm sweep	3	2567	Rupees Two thousand Five hundred Sixty Seven only.	each	7701
8	Supplying and fixing exhaust fan louver shutter for 300/380 exhaust fan	3	593	Rupees Five hundred and Ninety three only.	each	1779

9	Providing and installation of following type of LED batten/Mirror light with aluminium housing, anti glare polycarbonate diffuser and energy efficient constant current, integralelectronic driver; suitable for input voltage: AC 220240 V, 50/60Hz, complete with all accessories, including mountingclamps, connections, testing etc. as required: Make JAQAUR, PHILIPS, Panasonic approved by the Engineer -in-	3	441	Rupees Four hundred and Forty One only.	each	1323
10	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required, Make : Anchor/L&T/SSK as approved by the Engineer -in-Charge..					
10.01	5/6 amps switch P/T	3	42	Rupees Forty two only.	each	126
10.02	3 pin 5/6 A socket outletP/T	3	57	Rupees Fifty Seven only.	each	171
11	Supplying and fixing brass batten/ angle holder including connection etc. as required.	4	88	Rupees Eighty Eight only.	Each	352
12	Providing and installation of following type of LED retrofit Lamp B-22 holder base with polycarbonate diffuser and aluminium heat sink including connections, testing and commissioning etc. as required: Make JAQUAR, wipro/Philips/Havells as approved by Engineer-in-Charge					
12.01	LED Bulb 9watt	4	138	Rupees One hundred and Thirty Eight only.	Each	552
13	Supplying and fixing street light LED 25 watt with G.I bracket die cast Aluminium housing with frame and toughened glass, pipe mounting 5700k, (Five YEAR WARRANTY ) and it should be compatible with specification e.i. Power Factor > .9, Harmonic Distortion<10% and efficacy >100 Lumens per watt, suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning etc. Make - Jaquar/Panasonic /Philips/wipro or as approved by Engineer-in-Charge	1	2729	Rupees Two thousand Seven hundred Twenty Nine only.	Each	2729

14	Providing and Fixing of IP20 LED Surface mounted CRCA Powder Coated Box Type Channel with Pro LED Lamp Suitable for mounting 1 X 18 W LED Tube T8 type having minimum system efficacy of 100 lm/W, P.F. >0.95 with THD <10%, CCT 6500 K, CRI 80, Surge Protection 2 KV. The LED with Useful life of 50000 Hrs at L70. The Input voltage range shall be 150V to 270V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc. as required complete in all respects. Make - Jaquar/Panasonic /Philips/wipro or as approved by Engineer-in-Charge	3	867	Rupees Eight hundred and Sixty Seven only.	Each	2601
15	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLS on including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. Make : Anchor/L&T/SSK as approved by the Engineer -in-Charge as required.	3	406	Rupees Four hundred and six only.	Each	1218
Total:-						57561

*DNIT No. 230 for the year 2025-26 has been checked for Rs. 57561/- only. (Rupees Fifty seven thousand five hundred Sixty one only)*

*[Signature]*  
 Executive Engineer  
 Electrical Division  
 H.P.P.W.D. Una-174303

*[Signature]*  
 Assistant Engineer  
 Electrical Sub Division  
 HPPWD, Ellaspur (H.P.)

Job No. 5

DRAFT SCHEDULE OF QUANTITY

							Estimated cost:-Rs.95,586/-	
							Earnest money:-Rs. 1900/-	
							Time Limit:- Six months.	

Name of work:--Repair and Maintenance of various residences Court buildings at Una Under Electrical Sub-Division Una Distt Una H.P

S. No.	Description of Items	Quantity	Unit	Rate In Fig.	In Words.	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 heavy class PVC conduit with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Make:- Anchor/L&T/SSK.					
	Group A	4	each	904	Rupees Nine hundred four only.	3616
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 heavy class pvc conduit as required.Make:- KEI/Finolex/Polycab as approved by Engineer-In-Charge.					
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	25	Meter	311	Rupees Three eleven only.	7775
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.Make:-KEI/Finolex /Polycab as approved by Engineer-In-Charge.					
	3 x 1.5 sq. mm	110	Meter	100	Rupees One hundred only.	11000
	3 x 4 sq. mm	48	Meter	220	Rupees Two hundred twenty only.	10560

	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. Make:- Anchor/L&T/SSK.							
	5/6 amp switch	8	MTR	42	Rupees Forty two only.	336		
	5/6 amp socket	7	each	57	Rupees Fifty seven only.	399		
	15/16 amp switch	2	each	116	Rupees One hundred sixteen only.	232		
	5 pin 15/16 amp socket outlet	4	each	123	Rupees One hundred twenty three only.	492		
	fan regulator	4	each	257	Rupees Two hundred fifty seven only.	1028		
	Plug Top 15 amp	2	each	120	Rupees One hundred twenty only.	240		
5	Supplying and fixing pvc box of 200mm 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 nos. 3 pin 5/6 amps Piano socket outlets and 3 nos 5/6 amps Piano switches, connection, painting etc. as required. Make:- Anchor/L&T/SSK.	4	each	615	Rupees Six hundred fifteen only.	2460		
6	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. (For light plugs to be used in non residential buildings).L&T/Anchor/SSK	4	each	265	Rupees Two hundred sixty five only.	1060		
7	Supplying and fixing pvc box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLS on including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required. Make:- Anchor/L&T/SSK.	3	each	406	Rupees Four hundred six only.	1218		

	Providing, Installation, testing and commissioning of BLDc ceiling fan (5 star rating), ISI without fan regulator including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required: Usha Technix 5 star/Crompton/Orient	2	each	4323	Rupees Four thousand three hundred twenty three only.	8646
	BLDC Ceiling Fan 1200 mm sweep					
9.01	Providing and Installation of Wall mounting fan of 400 mm sizes i/e hang the same in position on the wall,connections,testing and commissioning etc.as required with best satisfaction of Engineer in charge. : Make:- Bajaj/USHA/Crompton as approved by Engineer-In-Charge.(Five year warranty)	1	each	3041	Rupees Three thousand forty one only.	3041
10	Providing and installation exhaust fan of 300mm size 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: Make:- Usha/Bajaj/Crompton as approved by Engineer-In-Charge.	2	each	2567	Rupees Two thousand five hundred sixty seven only.	5134
11	Providing and installation exhaust fan 250 mm pvc body 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. Make:- Usha/Bajaj/Crompton as approved by Engineer-In-Charge.	1	each	2267	Rupees Two thousand two hundred sixty seven only.	2267
12	Supplying and fixing exhaust fan louver shutter for 300 mm.exhaust fan on the existing wall,painting etc, as required,	1	each	750	Rupees seven hundred fifty only.	750
13	Supplying and fixing Present Post top lantern LED 25 watts made of spun alumn. with sturdy bracket with Powered LED are mounted directly on extruded aluminium heat sinks.A UV stabilized PC/PMMA diffuser is provided for glare free lighting with high visual comfort.input voltage AC-100-270,Frequency 50~60HZ,Power factor 0.950,efficacy 100 Lum/W,CRI 80,THD 10%,LIFE 50000 H.Colour temperature NW 4000K.(Lux Max Genius small (PT-153)/Bajaj /K-Lite make	2	each	7011	Rupees Seven thousand eleven only.	14022

	Providing and fixing of following watt surface mounted Luminaire LED batten having decorative end caps and it should be compatible with specification i.e. Power Factor >.9, Harmonic Distortion <10% and efficiency >100 Lumens per watt, CRI > 80 suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning etc as: Make:- Philips /Panasonic/Jaquar/Wipro as approved by Engineer-In-Charge. (Five year warranty)						
	22 watt	4	each	606	Rupees six hundred six only.	2424	
15	Supplying and fixing LED Lamp 9 watts, 6500K, 900 Lumens 240 volts AC, supply 50 Hz in the existing batten holder, pendant holder, wall bracket & bulk head fitting etc, as required. Panasonic code PBUM01097/ Tisva/ Philips make)	6	Each	133	Rupees One hundred thirty three only.	798	
16	Providing and laying of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured/XLPE 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. of the required size:-but excluding sand cushioning and protective covering (Havells/L&T/KEI make)						
	Armoured cable 10 sq. mm (twin core)	52	P/mtr.	344	Rupees Three hundred forty four only.	17888	
	<b>TOTAL</b>						95386

*[Signature]*  
**ASSISTANT ENGINEER**  
 Electrical Sub Division  
 H.P.P.W.D. UNA

*No. 228.  
 DMS checked and approved  
 for Rs 95386/- only (as per  
 five thousand three hundred  
 supply sin only)*

**Executive Engineer**  
 Electrical Division  
 H.P.P.W.D. UNA - 19303

*[Signature]*  
**Executive Engineer,**  
 Electrical Division,  
 HP.P.W.D., Una.

**DRAFT SCHEDULE OF QUANTITY**


Estimated cost:- Rs. 76,066/-
Earnest money:- Rs. 1500/-
Time Limit:- One year.

NAME OF WORK :- A/R & M/O of various type and different capacity of Air Conditioners installed in various. N.R.Govt. buildings under E.S.D.HP.PWD.Una (Bangana Section) for the year 2025-26.


Job No. 6

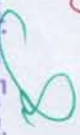
S. No.	Description	Quantity	Rate In Fig.	In Words.	Unit	Amount
1	Annual repair & maintenance (Routine & preventive) of various makes/types and different capacity split A. Cs. with four numbers mandatory quarterly service and all emergency break down services as and when required from time to time as per best satisfaction of Engineer-in-charge.					
	The AMC will include the following :-					
a)	Compressor, Thermostat relay, OLP, Fan motor, Timer, heaters, Air dampers, ice maker, temperature sensor, Evaporators, Condensers, Refrigerant charging driers capillary blowers, fan blade, control box, Magnetron, Electrical switches, Transformers(internal) Diodes capacitors, wire hairness, wash & spin motors, gear box clutch assembly drum inner bellows bears & tip seal (Drain motor pump) Electrical valves, buzzer suspension key members remote PCB including cost of their replacement.					
b)	All defective components shall be replaced with compatible working parts and defective parts shall be company/firm/contractor property.					
	i) Split type A.C.1.5 ton capacity	13 Nos.	4582	Rupees Four thousand five hundred eighty two only.	Each	59566
	ii) Split type A.C.2.0 ton capacity	1 Nos.	4800	Rupees Four thousand eight hundred only.	Each	4800

2 Supplying and fixing of voltage stabilizer 4 KVA with copper wiring and having suitable range for input and output and including cost of suitable Electrical copper wire near upto nearest electrical socket complete make Deol V-Guard luminous of as per approved make list.	4 Nos.	2925	Rupees Two thousand nine hundred twenty five only.	Each	11700 76066
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 Executive Engineer,  
 Electrical Division,  
 HP.PWD., Una.

*DNIR checked and approved for Rs 76066/- only  
 (Rs. seventy six thousand sixty six) only*

  
 ASSISTANT ENGINEER  
 Electrical Sub Division  
 H.P.P.W.D. UNA

  
 Executive Engineer  
 Electrical Division  
 H.P.P.W.D. Una-174303

**DRAFT SCHEDULE OF QUANTITY**

File No. 7

Estimated cost:- Rs. 67,602/-  
Earnest money:- Rs. 1,400/-  
Time Limit:- One year.

**NAME OF WORK:-** A/R & M/O of various type and different capacity of Air Conditioners installed in various. N.R.Govt. buildings in Una under Electrical Sub-Division HP.PWD Una (H.P) for the year 2025-26.

S. No.	Description	Quantity	Rate In Fig.	In Words.	Unit	Amount
1	Annual repair & maintenance (Routine & preventive) of various makes/types and different capacity split A.Cs. with four numbers mandatory quarterly service and all emergency break down services as and when required from time to time as per best satisfaction of Engineer-in-charge.					
	The AMC will include the following :-					
a)	Compressor, Thermostat relay, OLP, Fan motor, Timer, heaters, Air dampers, ice maker, temperature sensor, Evaporators, Condensers, Refrigerant charging driers capillary blowers, fan blade, control box, Magnatron, Electrical switches, Transformers, (internal) Diodes capacitors, wire harness, wash & spin motors, gear box clutch assembly drum inner bellows bears & tip seal (Drain motor pump) Electrical valves, buzzer suspension key members remote PCB including cost of their replacement.					
b)	All defective components shall be replaced with compatible working parts and defective parts shall be company/firm/contractor property.					
	i) Split type A.C. 1.5 ton capacity	11 Nos	4582	Rupees Four thousand five hundred eighty two only.	Each	50402
	ii) Split type A.C. 2.0 ton capacity	2 Nos	4800	Rupees Four thousand eight hundred only.	Each	9600
	iii) Window type A.C	2 Nos	3800	Rupees Three thousand eight hundred only.	Each	7600

Total :-

67602

DNIT checked and approved for Rs. 67602/- only  
@. Sixty seven thousand six hundred two only

Executive Engineer,  
Electrical Division,  
HP.PWD., Una.

ASSISTANT ENGINEER  
Electrical & Division  
H.P.P.W.D. UNA

Executive Engineer  
Electrical Division  
H.P.P.W.D. Una-174303

**DRAFT SCHEDULE OF QUANTITY**

Job No. 8

Estimated cost:- Rs. 33,805/-
Earnest money:- Rs. 700/-
Time Limit:- One year.

NAME OF WORK:- A/R & M/O of various type and different capacity of Air Conditioners installed in various. N.R.Govt. buildings under E.S.D.HP.PWD.Una (Una Section) HP.PWD Rest House Haroli for the year 2025-26.

S. No.	Description	Quantity	Rate In Fig.	In Words.	Unit	Amount
1	Annual repair & maintenance (Routine & preventive) of various makes/types and different capacity split A.Cs. with four numbers mandatory quarterly service and all emergency break down services as and when required from time to time as per best satisfaction of Engineer-in-charge.					
	The AMC will include the following :-					
a)	Compressor, Thermostat relay,OLP, Fan motor, Timer, heaters,Air dampers, ice maker, temperature sensor, Evaporators, Condensers, Refrigerant charging driers capillary blowers,fan blade,control box,Magne tron,Electrical switches,Transformers(internal) Diodes capacitors,wire hainness, wash & spin motors,gear box clutch assembly drum inner bellows bears & tip seal (Drain motor pump) Electrical valves,buzzer suspension key members remote PCB including cost of their replacement.					
b)	All defective components shall be replaced with compatible working parts and defective parts shall be company/firm/contractor property.					
	i) Split type A.C.1.5 ton capacity	5	4582	Rupees Four thousand five hundred eighty two only.	Each	22910
	ii) Split type A.C.2.0 ton capacity	1	4800	Rupees Four thousand eight hundred only.	Each	4800

2 Supplying and fixing of voltage stabilizer 4 KVA with copper wiring and having suitable range for input and output and including cost of suitable Electrical copper wire near upto nearest electrical socket complete make Deol V-Guard luminous of as per approved make list.	1	6095	Rupees Six thousand ninety five only.	Each	6095 33805
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*DNIT checked and approved for Rs 33805 only  
 (Rs) Thirty three thousand eight hundred and five only*

*Executive Engineer,  
 Electrical Division,  
 HP, PWD, Una.*

*Assistant Engineer,  
 Electrical Sub Division  
 H.P.P.W.D. Una*

*Executive Engineer,  
 Electrical Division  
 H.P.P.W.D. Una-174303*

**DRAFT SCHEDULE OF QUANTITY**

99, 910/

Job No. 9

Estimated cost:- Rs. 99935-

Earnest money:- Rs. 2000/-

Time Limit:- Two months.

**Name of work :- A/R & M/O various Govt. Residential Buildings under ESD Bilaspur H.P.(SH:- Replacement of damaged Electrical accessories in various Govt Residential Building Under ESD Bilaspur**

S.N.	Description of Items	Qty.	Rate	Rate in Words	Unit	Amount
1	1.32 Supplying and fixing suitable size GI box with modular plate and cover in FRLS on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required. Make:-ANCHOR ROMA CLASIC/ANCHOR BY PANASONIC/ or its equivalent <i>285</i>	6	621	Rupees Six hundred Twenty one Only	each	3726
2	1.24 Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Make:-ANCHOR ROMA CLASIC,L&T, or its equivalent					
2.1	5 amp modular switch	10	93	Rupees Ninety Three Only	each	930
2.2	5 amp modular socket	12	136	Rupees One hundred Thirty Six Only	each	1632
2.3	Bell Push	4	156	Rupees One hundred Fifty Six Only	each	624
2.4	15 amp modular switch	10	164	Rupees One hundred Sixty Four Only	each	1640
2.5	15 amp modular socket	10	231	Rupees Two hundred Thirty one Only	each	2310

3	Providing and fixing LED Batten Light of IP40 Led fixture 40 W+/- 1W with Surface Mounted 4 Feet with Polycarbonate diffuser with Extruded aluminium housing having minimum system lumen output 1000 lumens and system lumen efficacy of 100 lm/W with P.F.>0.95 with THD<20% , CRI 80 . The LED with Useful life of 50000 Hrs at L70 . The LEDs used in the luminaire shall have CCT of ANSI Bin 5700 K with CRI of minimum 80. The Input voltage range shall be 150V to 270V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc.as required complete in all respects. <i>Paragami / vijaya / vishnu</i>	15	2417	Rupees Two Thousand Four Hundred Seventeen	each	36255
4	1.25 Supplying and fixing two rotary stepped type electronic fan regulator on the existing switch box including connections etc. as required. <i>Anchor / SSK / G&amp;T</i>	25	258	Rupees Two hundred Fifty Eight Only	each	6450 <i>6250</i>
5	Providing and installation 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: Make:- <del>USHA, BAJAJ, CROMPTON or its equivalent</del> as approved by Engineer-in-charge.					
5.1	Exhaust Fan, Light duty, (Domestic)300mm sweep					
6	1.23 Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. <i>SSK / Anchor / G&amp;T</i>	3	2567	Rupees Two Thousand Five Hundred Sixty Seven	each	7701
6.1	5 amp Piano switch	36	42	Rupees Forty Two only	each	1512
6.2	5 amp Piano socket	35	57	Rupees Fifty seven only	each	1995
6.3	Bell Push	15	71	Rupees Seventy One Only	each	1065
7	1.23 Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. <i>SSK / Anchor / G&amp;T</i>					
7.1	15 amp Piano switch	32	116	Rupees One hundred Sixteen Only	each	3712

7.2	15 amp Piano socket		28	123	Rupees One hundred Twenty Three Only	each	3444
8	Supplying and fixing batten/ angle holder including connection etc. as required. Make:-Anchor or its equivalent as approved by Engineer-in-charge. <i>Make:-Anchor</i>	20	88	Rupees Eighty Eight Only	each	1760	
9	Supplying and fixing 6 amps to 32 amps rating, 240/415 volts, 10 KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make:-ANCHOR, L&T, LEGRAND or its equivalent as approved by Engineer-in-charge.	12	239	Rupees Two hundred Thirty Nine Only	each	2868	
10	1. 14 Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed heavy class PVC conduit having wall thickness 2.0mm as required ANCHOR, KEI, PALAZA or its equivalent						
10.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	42	198	Rupees One hundred Ninety Eight Only	P/Mtr	8316	
10.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	45	311	Rupees Three hundred Eleven Only	P/Mtr	13995	
Total							99935

*DRIT NO. checked and approved.  
for Rs 99,910/- only (As per my name  
is given only name holder can only)*

Executive Engineer  
Electrical Division  
H.P.P.W.D. Bilaspur-733003

ASSISTANT ENGINEER  
ELECTRICAL SUB-DIVISION  
H.P.P.W.D. BILASPUR

*99,910/-*

**DRAFT SCHEDULE OF QUANTITY**

Estimated cost:- Rs. 53,133/-  
 Earnest money:- Rs. 1100/-  
 Time Allowed:- Alongwith Civil Work

53,133/-  
 505 No. 10

**Abstract of cost**

**Name of Work:- C/O Divyangjan and Transgender Toilets in Court Complex Building at Biliaspur. H.P. (SH):- Providing E.I. therein.)**

S. N.	Description of Items	Qty	Rate	Rate in words	Unit	Amount
1	1.10 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 / heavy class PVC conduit having wall thickness minimum 2 mm, 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. Make:- ANCHOR, KEI, PALAZA or its equivalent					
	Group c	12	1202	Rs. One Thousand Two Hundred Two Only	each	14424
2	1.31 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 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. Make:- ANCHOR ROMA CLASIC, ANCHOR BY PANASONIC or its equivalent	2	469	Rs. Four Hundred Sixty Nine Only	each	938
3	1.32 Supplying and fixing suitable size GI box with modular plate and cover in FRLS on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required. Make:- ANCHOR ROMA CLASIC, ANCHOR BY PANASONIC or its equivalent	2	621	Rs. Six Hundred Twenty One Only	each	1242
4	1.24 Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Make:- ANCHOR ROMA CLASIC, L&T, or its equivalent					
4.3	Bell Push	1	156	Rs. One Hundred Fifty Six Only	each	156

5	1.14 Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed heavy class PVC conduit having wall thickness 2.0mm as required ANCHOR, KEI, PALAZA or its equivalent					
5.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	30	198	Rs. One Hundred Ninety Eight Only	P/Mtr	5940
5.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	18	311	Rs. Three Hundred Eleven Only	P/Mtr	5598
5.4	2 X 6 sq. mm + 1 X 4 sq. mm earth wire	10	432	Rs. Four Hundred Thirty Two Only	P/Mtr	4320
6	Providing, Installation, testing and commissioning of Glazed LED 10 Watt Batten 600mm long (Mirror Light) High quality design aluminum extruded decorative end caps as per best satisfaction of Engineer-in-Charge. Make: , Wipro Cat No L20-111-XXX-65NE3), or its equivalent or as approved by Engineer in charge <i>Wipro Anchor by Konasonic. / Palaz</i>	2	552	Rs. Five Hundred Fifty Two Only	each	1114 1104
7	Providing and fixing LED Batten Light of IP40 Led fixture 40 W +/- 1W with Surface Mounted <del>4</del> Feet with Polycarbonate diffuser with Extruded aluminium housing having minimum system lumen output 1000 lumens and system lumen efficacy of 100 lm/W with P.F.>0.95 with THD<20% ,CRI 80 . The LED with Useful life of 50000 Hrs at L70 . The LEDs used in the luminaire shall have CCT of ANSI Bin 5700 K with CRI of minimum 80. The Input voltage range shall be 150V to 270V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc.as required complete in all respects. <i>Wipro, Jagor, Anchor, / Palaz</i>	2	2417	Rs. Two Thousand Four Hundred Seventeen Only	each	4834
8	Providing and Fixing of IP20 LED fixture of 18 watt +/- 1 W LED Surface Mounted Downlighter Round Shape with minimum system lumen efficacy of 100 lm/W with Polycarbonate housing, pressure die cast heat sink and P.F.>0.95 with THD<10% ,CRI 80. The LED shall be tested with LM80-08 standard with Useful life of 50000 Hrs at L70 . The LEDs used in the luminaire shall have CCT of ANSI Bin 5700 K with CRI of minimum 80. The Input voltage range shall be 150V to 270V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc.as required complete in all respects. <i>Wipro, Jagor, Anchor, / Palaz</i>	2	1821	Rs. One Thousand Eight Hundred Twenty One Only	each	3642

9	Providing and installation 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. Make:- USHA,BAJAJ,CROMPTON or its equivalent as approved by Engineer-in-charge.							
9.1	Exhaust Fan, Light duty, (Domestic)300mm sweep	2	2567	Rs. Two Thousand Five Hundred Sixty Seven Only	each	5134		
10	Supplying and fixing Wireless Ding Dong bell suitable for single phase, 230 volts, complete as required. Make:-Anchor or its equivalent as approved by Engineer-in-charge.	1	671	Rs. Six Hundred Seventy One Only	each	671		
11	Supplying and fixing batten/ angle holder including connection etc. as required. Make:-Anchor or its equivalent as approved by Engineer-in-charge.	3	88	Rs. Eighty Eight Only	each	264		
12	Supplying and fixing 6 amps to 32 amps rating, 240/415 volts, 10 KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make:-ANCHOR,L&T,LEGRAND or its equivalent as approved by Engineer-in-charge.	4	239	Rs. Two Hundred Thirty Nine Only	each	956		
13	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make:-ANCHOR,L&T,LEGRAND or its equivalent as approved by Engineer-in-charge.	2	530	Rs. Five Hundred Thirty Only	each	1060		
13.1	63Amp	2	530	Rs. Five Hundred Thirty Only	each	1060		
14	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB /Isolator)ANCHOR UNO,L&T,LEGRAND or its equivalent as approved by Engineer-in-charge							
14.1	4 way, Double door	2	1425	Rs. One Thousand Four Hundred Twenty Five Only	each	2850		
<b>Total</b>						<b>53133</b>		

*Handwritten notes:*  
 Part no 53, 1425 only (As per the above drawing) are included only (have only)

Executive Engineer  
 Electrical Division  
 P.P.W.D.Una-174305



*Handwritten:* 53, 1425

**DRAFT SCHEDULE OF QUANTITY**

Estimated cost - Rs. 98552/-

Earnest money:- Rs. 1,900/-

Time Limit:- Six months.

Job No. 11

Name of Work:-Replacement of E.I in JE office Cum Residence at Namhol in Distt Bilaspur (H.P)						
S.N.	Description of Items	Qty.	Rate	Unit	Rate in words	Amount
1	1.10 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 / heavy class PVC conduit having wall thickness minimum 2 mm, 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. Make:-ANCHOR, KEI, PALAZA					
1.1	Group A	13	853	each	Rupees: Eight Hundred & Fifty Three Only	11089
1.2	Group C	17	1202	each	Rupees One Thousand Two Hundred & Two Only	20434
2	1.31 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 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. Make:-ANCHOR ROMA CLASIC/ANCHOR BY PANASONIC <i>LET</i>	2	469	each	Rupees Four Hundred Sixty Nine Only	938
3	1.32 Supplying and fixing suitable size GI box with modular plate and cover in FRLS on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required. Make:-ANCHOR ROMA CLASIC/ANCHOR BY PANASONIC or its equivalent <i>LET</i>	9	621	each	Rupees: Six Hundred Twenty One Only	5589
4	1.24 Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Make:-ANCHOR ROMA CLASIC/L&T,					
4.1	5 amp modular switch	4	93	each	Rupees Ninety Three Only	372
4.2	5 amp modular socket	4	136	each	Rupees One Hundred & Thirty Six Only	544
4.3	Bell Push	1	156	each	Rupees One Hundred Fifty Six only	156
5	1.14 Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed heavy class PVC conduit having wall thickness 2.0mm as required ANCHOR, KEI, PALAZA					
5.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	30	198	P/Mtr	Rupees One Hundred Ninety Eight Only	5940
5.2	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	30	311	P/Mtr	Rupees Three Hundred Eleven Only	9330

5.3	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	30	524	P/Mtr	Rupees Five Hundred Twenty Four Only	15720
5.4	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	5	432	P/Mtr	Rupees Four Hundred Thirty Two Only	2160
6	Supplying and fixing Computer board comprising 3 nos 5 amp modular switches & Sockets and G.I Box 12 module for 5 amp switches and 5 amp sockets comprising frame and cover plate for each 2 module and 12 module metal box including connections etc as required.	2	1191	each	Rupees One Thousand One Hundred Ninety One Only	2382
7	Providing, Installation, testing and commissioning of BLDC ceiling fan (5 star rating), including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required. <i>Ustar/Orland</i>	2	4323	each	Rupees Four Thousand Three Hundred Twenty three only	8646
7.1	Ceiling Fan 1200 mm sweep	7	422	each	Rupees Four Hundred Twenty Two Only	2954
8	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. Make :- Anchor (Roma classic ) L&T(Entice), Legrand(Myrius) as approved by Engineer-in-charge.	4	867	each	Rupees Eight Hundred Sixty Seven only	3468
9	Providing and Fixing of IP20 LED Surface mounted CRCA Powder Coated Box Type Channel with Pro LED Lamp Suitable for mounting 1 X 18 W LED Tube T8 type having minimum system efficacy of 100 lm/W, P.F.>0.95 with THD<10%, CCT 6500 K, CRI 80, Surge Protection 2 Kv. The LED with Useful life of 50000 Hrs at L70. The Input voltage range shall be 150V to 270V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc. as required complete in all respects. Jaquar, wipro, Philips, Havells make with five year warranty or as approved by Engineer in charge. <i>SSIC</i>	17	88	each	Rupees Eighty Eight only	1496
10	Supplying and fixing batten/ angle holder including connection etc. as required. Make:-Anchor as approved by Engineer-in-charge.	12	239	each	Rupees Two Hundred Thirty Nine Only	2868
11	Supplying and fixing 6 amps to 32 amps rating, 240/415 volts, 10 KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make:- ANCHOR, L&T, LEGRAND as approved by Engineer-in-charge.	2	530	each	Rupees Five Hundred Thirty Only	10

13	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) ANCHOR/JUNO/L&T, LEGRAND or its equivalent as approved by Engineer-in-charge.	2	1703	each	Rupees One Thousand Seven Hundred Three Only	3406
i	8 way, Double door					98552
Total						

Note :- The credit of Dismantalled material for Rs 1000/- (Rs One Thousand ) Only may be recover in the bill

*D.M.I.T No checked and approved for No 98, 5521 - only (No singly sign) thousand fire hundred forty two only)*

Executive Engineer  
Electrical Division  
H.P.W.D. Una-174302

Assistant Engineer  
Electrical Sub Division  
H.P.W.D. Baspur (H.P.)

**DRAFT SCHEDULE OF QUANTITY**

Estimated cost:- Rs. 96,312/-  
 Earnest money:- Rs. 1900/-  
 Time Limit:- Six month.

Name of work:-Replacement of LED down lighter, ceiling fan ,exhaust fan, MCB DP in Rest House under Section Sujampur and Hamirpur Distt Hamirpur (H.P)

S. No	Description of Items.	Quantity	Rate In Fig.	In Words.	Unit	Amount
1	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.Make:-Anchor,SSK as approved by Engineer-in charge.					
1.01	5/6 amps switch.	12	42	Rupees Forty two only.	each	504
1.02	15/16 amp switch.	8	116	Rupees One hundred sixteen only.	each	928
1.03	3 pin 5/6 amp socket outlet.	13	57	Rupees Fifty seven only.	each	741
1.04	6 pin 15/16 amp socket .	16	123	Rupees One hundred twenty three only.	each	1968
2	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modularplate etc. as required.Make:-Anchor,SSK as approved by Engineer-in charge .	14	258	Rupees Two hundred fifty eight only.	each	3612
3	Supplying and fixing of geyser element 2 kw including connections, testing and commissioning etc. as required.	21	650	Rupees six hundred fifty only.	each	13650
4	Supplying and fixing geyser thermostat including connections, testing and commissioning etc. as required. .	21	300	Rupes Three hundred only.	each	6300
5	supplying and fixing bell indicator 12 way including connections, testing and commissioning etc. as required.	2	2900	Rupees Two thousand nine hundred only.	each	5800

Job No. 12

6	Providing, Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (up to 45 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required. Make:- Usha (TECHNIX PLUS 3 star)/Orient/Crompton as approved by Er-in-charge(warranty five year)							
6.01	Ceiling Fan 1200 mm sweep	2	3666	Rupees Three thousand six hundred sixty six only.	EACH	7332		
7	Providing and installation exhaust fan of 300 mm sizes PVC body 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: Make:- Usha/Orient/Crompton as approved by Engineer-in-charge(Five year warranty).							
7.01	Exhaust Fan, Light duty, (Domestic)	2	2942	Rupees Two thousand nine hundred forty two only.	each	5884		
8	Providing and installation 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. Make:- Usha/Orient/Crompton as approved by Engineer-in-charge(Five year warranty)							
8.01	300 mm sweep	6	2567	Rupees Two thousand five hundred sixty seven only.	each	15402		
9	Providing, Installation, testing and commissioning of 400 mm sweep wall fan of aluminium blades, rust free, following size by means of suitable rag-bolt/ nuts, connections, testing and commissioning etc. as required complete in all respects to the best satisfaction of Engineer-in-charge. Make:- Usha/Orient/Crompton as approved by Er-in-charge(Five year warranty)	1	3136	Rupees Three thousand one hundred thirty six only.	each	3136		

10	SSupplying and fixing LED batten 10 watt (+/- 5%)Watts, with clear glass cover with Aluminium housing optical material polystyrene and optical cover material polycarbonate having efficacy 120lm/W and luminous flux 2000 lumens having P.F.>0.95 with THD<10%. The LED with Useful life of 50000 Hrs at L70. The LEDs used in the luminaire shall have CCT of 6500 K with CRI of minimum > 80. The Input voltage shall have Surge Protection 4kV complete with all accessories, connections, testing and commissioning etc. Make:- wipro /Philips/Jaquar as approved by Engineer-in-Charge (Five YEAR WARRANTY )	4	569	Rupees Five hundred sixty nine only.	each	2276
11	Supplying and fixing LED batten 25 watt (+/- 5%)Watts, with clear glass cover with Aluminium housing optical material polystyrene and optical cover material polycarbonate having efficacy 130lm/W and luminous flux 4550 lumens having P.F.>0.95 with THD<10%. The LED with Useful life of 50000 Hrs at L70. The LEDs used in the luminaire shall have CCT of 6500 K with CRI of minimum > 80. The Input voltage range 230 VAC . Fixture have Surge Protection 4kV complete with all accessories, connections, testing and commissioning etc. Make:- wipro /Philips/Jaquar as approved by Engineer-in-Charge (Five YEAR WARRANTY )	7	613	Rupees Six hundred thirteen only.	each	4291

12	Supply and fixing of recess led downlighter in 15 W (+/- 5%)watts in Round Shape with minimum system lumen efficacy of 100 lm/W and total luminous flux 1500 with Pressure Die cast Aluminium housing and HET diffuser and polycarbonate mounting box P.F.>0.90 ,ATHD<15% ,CCT 6500K/4000K, CRI > 80,IP20 protection.The LED with Useful life of 50000 Hrs at L70. The Input voltage range shall be 220V to 240V .Fixture have Surge Protection 4 kV and inbuilt short circuit protection .Isolated Driver including ,cutting arrangement complete in all respect. Make Philips/Wipro/Jaquar as approved by Engineer-in-Charge.(five year warranty)	10	1062	Rupees One thousand sixty two only.	each	10620
13	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:-.Make:-L&T /legrand/ Hagger /Schneider as approved by Engineer-in -charge.	5	1431	Rupees One thousand four hundred thirty one only.	each	7155
14	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 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. Make:- L&T /legrand/Hagger /Schneider as approved by Engineer-in -charge.					
14	Single pole	13	313	Rupees Three hundred thirteen only.	each	4069
15	Providing and installation of following type of LED retrofit Lamp B-22 holder base with polycarbonate diffuser and aluminium heat sink including connections, testing and commissioning etc. as required.Make Jaquar, wipro,Philips as approved by Engineer-in-Charge.					
15	LED lamp 30 watt	4	486	Rupees Four hundred eighty six only.	each	1944

16	Supply and fixing exhaust fan lower shutter for 300/380mm exhaust fan on the existing wall painting including 12 mm thick wooden ply board for suitable size of exhaust fan hole.	1	700	Rupees Seven hundred only.	each	700
Total						96312

DMIT NO checked and approved  
 In Rs 96,312 only (In words)  
 Six thousand - three hundred twelve only

Executive Engineer  
 Electrical Division  
 H.P.P.W.D. Una-174303

**DRAFT SCHEDULE OF QUANTITY**

Job No. 13

Estimated cost:- Rs. 98,727/-  
 Earnest money:- Rs. 2000/-  
 Time Limit:- Six months.

**NAME OF WORK:- Providing maintenance repair and correction of various breakdowns in E.I. in the residence of Civil Judge-Cum-Judicial Magistrate (1st class) at Barsar Dist. Hamirpur (HP)**

S. No.	Description of Items	Quantity	Rate Fig.	In Words.	Unit	Amount
1	Providing, laying and fixing of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured/XLPE power cable, working voltage 1100 volts grade on surface etc. of the required size. Make:- KEI/ Polycab/ Finolex/ Havells as approved by Engineer-in-charge.	110	208	Rupees Two hundred eight only.	mtr	22880
2	Armoured cable 6 sq. mm (Twin Core)					
2	Providing & Laying of one number aluminium conductor, PVC insulated and PVC sheathed armoured/ XLPE power cable, 1.1 KV grade of following sizes direct in ground including excavation and refilling the trench etc as required, but excluding sand cushioning and protective covering etc. of the required size. Make:- KEI/ Polycab/ Finolex/ Havells as approved by Engineer-in-charge.	50	297	Rupees Two hundred ninety seven only.	mtr	14850
3	Armoured cable 6 sq. mm (Twin Core)					
3	Supplying and fixing of following sizes of PVC conduit Heavy duty ISI marked minimum thickness 2.0 mm along with accessories insurface/recess including painting in case of surface conduit, or cutting the walland making good the same in case of recessed conduit as required. Make:-Diplast/BEC/Polyfit/Polyplast/AKG as approved by Engineer-in-charge.	45	99	Rupees Ninety nine only.	mtr	4455
i	25 mm. dia	45	99	Rupees Ninety nine only.	mtr	4455
ii	32 mm. dia	8	122	Rupees One hundred twenty two only.	mtr	976
4	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVCconduit as required. Make:- KEI/ Anchor/ Finolex/ Polycab as approved by Engineer-in-charge.					
i	3 X 1.5 sq. mm wire	15	100	Rupees One hundred only.	Mtr.	1500
ii	3 X 2.5 sq. mm wire	35	151	Rupees One hundred fifty one only.	mtr	5285
5	Supplying and fixing batten/ angle holder including connection etc. as required.	6	88	Rupees Eighty eight only.	each	528

6	Supplying and fixing of Post Top Lantern LED 40 Watt and it should be compatible with specification i.e. IP 66, Power Factor > .9, THD <15%, CCT 5700K, efficacy >100 Lumens per watt, and suitable for input voltage AC 220-240 V, 50/60Hz. complete with all accessories, connections, testing and commissioning etc. as required with Five Year Warranty. Make:- Twinkle (Model No Lux Max-PT-153 40 W)/ Wipro/ Phillips/ Panasonic as per best satisfaction on Engineer-in-charge.	3	7025	Rupees Seven thousand twenty five only.	each	21075
7	Providing and installation of 20 Watt LED Lamp with B-22 holder base with polycarbonate diffuser and aluminium heat sink including connections, testing and commissioning etc. as required. Make:- Wipro/Phillips/Panasonic as approved by Engineer-in-Charge	6	762	Rupees Seven hundred sixty two only.	each	4572
8	Supplying and erection of 5 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. Make L&T /Legrand/Hager/ ABB as approved by Engineer-in-charge.					0
i	Single pole	8	313	Rupees Three hundred thirteen only.	each	2504
9	Supplying and erection of MCB DP 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. Make:- L&T/ Legrand/Hager/ ABB as approved by Engineer-in-charge.					
i	Double pole	2	1431	Rupees One thousand four hundred thirty one only.	each	2862
10	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, neutral bus bar, earth bar, din-bar, interconnections, and powder painted, including earthing etc. as required. (but without MCB/RCCB/isolator) Make:- L&T/ Legrand/ Hager/ ABB as approved by Engineer-in-charge.					
i	Double door-4 way	8	2155	Rupees Two thousand one hundred fifty five only.	each	17240
<b>Total</b>						98727

*DR. NIT checked and approved for Rs 98727/- only  
 (Rs. Ninety eight thousand seven hundred twenty seven) only*

Executive Engineer  
 Electrical Division  
 H.P.P.W.D. Una-174303

Executive Engineer,  
 Electrical Division,  
 HP.PWD, Una.

**DRAFT SCHEDULE OF QUANTITY**


Job No. 14


NAME OF WORK:- Providing maintenance repair and correction of various breakdowns in E.I. in the various Govt. NR Buildings i.e. Rest House Barsar, Bhotra, Toun Bharari, Bhorani and Deotsidh under ESD Hamirpur (Barsar Section) Distt. Hamirpur (HPP)		Quantity	Rate In Fig.	In Words.	Unit	Amount
1	Supplying and fixing of Post Top Lantern LED 40 Watt and it should be compatible with specification i.e. IP 66, Power Factor > .9, THD <15%, CCT 5700K, efficacy >100 Lumens per watt, and suitable for input voltage AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning etc. as required with Five Year Warranty . Make:- Twinkle (Model No Lux Max-PT-153 40 W)/ Wipro/ Phillips/ Panasonic as per best satisfaction on Engineer-in -charge .	6	7025	Rupees Seven thousand twenty five only.	each	42150
2	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, neutral bus bar, earth bar, din-bar, interconnections, and powder painted, including earthing etc. as required. ( but without MCB/RCCB/isolator) Make:- L&T/ Legrand/ Hager/ ABB as approved by Engineer-in -charge.					
i	Double door-4 way	1	2155	Rupees Two thousand one hundred fifty five only.	each	2155
3	Supplying and fixing street light LED 45 watt with G.I bracket die cast Aluminium housing with frame and toughened glass, pipe mounting 5700K, with five year warranty and it should be compatible with specification e.i. Power Factor > .9, Harmonic Distortion<10% and efficacy >120 Lumens per watt. The LED with Useful life of 50000 Hrs @ L70.. The Input voltage range shall be 150V to 270V .Fixture have over voltage protection withstand upto 440 Volt A.C. for 4 Hrs. Surge Protection 4 kV. Driver. Make -WIPRO/PHILIPS/JAQUAR/Panasonic as approved by Engineer-in-Charge with five year warranty.	1	3909	Rupees Three thousand nine hundred nine only.	each	3909
4	Providing and installation of stationary storage type Electric water heater (Geyser) of 25 Ltrs by means of expansion-bolts with nuts and washers, includingembedding of expansion-bolts in the wall, making good the damages, electrical connections, testing etc. complete as required. Make:- Usha (Model 25 L SWH MISTY WITH KIT), Bajaj, Recold or its equivalent not less than 5 star rating as approved by Er-in-charge with Five year Warranty .	1	12806	Rupees Twelve thousand eight hundred six only.	each	12806
5	Supplying and fixing true power make advanced earthing system having GI pipe 3 meter long 50 mm dia with terminal size 50x6 mm .Internal strip size 25x3 with 50 Kg compound including exavation of pit and refilling the same and making earthing pit cover 12 inch dia as required complete in all respect. Make :- True power / Earth plus/ Ashloka as per best satisfaction of Engineer-in -charge.	4	5824	Rupees Five thousand eight hundred twenty four only.	Set	23296

Estimated cost:- Rs. 93,016/-  
Earnest money:- Rs. 1900/-  
Time Limit:- Six months.

6	Providing and fixing 6 SWG G.I. wire on surface or in recess for loop earthing as required.	145	60	Ruppees sixty only.	Mtr.	8700
Total						93016

DNT checked and approved for Rs 93016/- only  
 (Rs. Ninety three thousand sixteen) only

  
 Executive Engineer,  
 Electrical Division,  
 HP.PWD, Una.

  
 Executive Engineer,  
 Electrical Division  
 H.P.P.W.D. Una

**DRAFT SCHEDULE OF QUANTITY**

Estimated cost:- Rs.99,733/-  
 Earnest money:- Rs. 2000/-  
 Time limit:- Six months.

**Name of work:- Replacement of old/damaged accessories E.I. in Pooled Colony type IV Qtr. 3,11,12 PWD Colony type IV Qtr. No. 4, PWD Colony type II Qtr. No. 24 under ESD Hamirpr (H.P)**

S. No.	Description of Items	Quantity	Unit	Rate In Fig.	In Words.	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 heavy class PVC conduit having wall thickness minimum 2 mm with mouldar switch, modular plate, suitable for g./l. box and earthing the point with 1.5sq.mm FRLS PVC insulated copper conductor single core cable etc as required.Make :-Anchor (Roma classic )/L&T(Entice), Legrand(Myrius) or as approved by Engineer-In-Charge	4	each	904	Rupees Nine hundred four only.	3616
1.01	Group B					
2	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 1.5sq.mm FRLS PVC insulated copper conductor single core cable as earth wire including pheolic laminated sheet & piano type switch in existing surface/ recessed el conduit including dismantling as required.Make :-Anchor (Roma classic )/L&T(Entice), Legrand(Myrius) or as approved by Engineer-In-Charge	22	each	583	Rupees Five hundred eighty three only.	12826
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.Make:- Anchor/KEI/Finolex as approved by Er-In-Charge					
3.01	3 x 1.5 sq. mm	90	Meter	100	Rupees One hundred only.	9000
3.02	3 x 4 sq. mm	120	Meter	220	Rupees Two hundred twenty only.	26400
3.03	3 x 10 sq. mm	2	Meter	538	Rupees Five hundred thirty eight only.	1076

4	Providing, laying and fixing of PVC round sheathed following core FRLS copper conductor flexible cable for voltage grade up to 1100 volts, as required complete ion all respect. Make:- Finolex/Havells /Polycab/KEI as required as approved by the Engineer-In-charge.	8	Meter	79	Rupees seventy nine only.	632
4.01	2 core 1.5Sq.mm.					
5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Make :-Anchor (Roma classic )/L&T(Entice)/Legrand(Myrius) as approved by Er-In-Charge					
5.01	5/6 amp switch	44	each	42	Rupees forty two only.	1848
5.02	15/16 amp socket	12	each	116	Rupees One hundred sixteen only.	1392
5.03	3pin 5/6Amp socket outlet	9	each	57	Rupees Fifty seven only.	513
5.04	6 Pin 15/16Amp socket outlet	12	each	123	Rupees One hundred twenty three only.	1476
5.05	Plug Top 15 amp.	4	each	83	Rupees Eighty three only./	332
6	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required. Anchor(Roma Classic)/L&T(Entice)/Legrand(Myrius) as approved by the Engineer-In-Charge.					
6.01	4 Modular(125mmx75mm).	1	each	158	Rupees One hundred fifty eight only.	158
7	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 FRLS on the including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required. Make:- Anchor/L&T/SSK as approved by the Engineer-In-charge.	6	each	265	Rupees Two hundred sixty five only.	1590
8	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLS on the including providing and fixing 3 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required. Make:- Anchor/L&T/SSK as approved by the Engineer-In-charge.	3	each	366	Rupees Three hundred sixty six only.	1098

9	Supplying and fixing of following sizes of medium class PVC Conduit with wall thickness 2.0 mm along with accessories in surface/recess including cutting the wall and making good the same in case of recessed as required. Make :- Diplast/BEC/Polyfit. as approved by Er-In-Charge						
9.01	25mm dia.	40	meter	99	Rupees Ninety nine only.	3960	
10	Providing and installation exhaust fan of 300 L/D 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. Make:- Usha/Orient/Crompton as approved by Er-in-charge(Five year warranty)	3	each	2567	Rupees Two thousand five hundred sixty seven only.	7701	
11	Supplying and fixing exhaust fan louver shutter for 300mm, exhaust fan on the existing wall, painting etc. as required.	3	each	600	Rupees Six hundred only.	1800	
12	Supplying and fixing Ding Dong bell suitable for single phase, 230 volts, complete as required or as approved by Er-In-Charge	1	each	206	Rupees Two hundred six only.	206	
13	Supplying and fixing batten/ angle holder including connection etc. as required.	1	each	88	Rupees Eighty eight only.	88	
14	Supplying and fixing of LED bulk head fitting 123 watt with all accessories including making connections, testing etc. as	1	each	1420	Rupees One thousand four hundred twenty only.	1420	
15	Supplying and fixing round surface type LED downlighter following watts, aluminium housing, 6000K, and it should be compatible with specification i.e Power Factor > .9 Harmonic Distortion < 10% and efficacy. 100 Lumens per watt, suitable for input voltage, AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning etc. Make:- Jaquar/Philips/Wipro as approved by Engineer-In-Charge (Five Year Warranty).						
15.01	18 watt.	4	each	941	Rupees Nine hundred forty one only.	3764	
16	Providing and installation 9 watt LED type retrofit Lamp B-22 holder base with polycarbonate diffuser and aluminium heat sink including connections, testing and commissioning etc. as required. Make:- Jaquar/Wipro/Philips as approved by Engineer-In-Charge (Five year Warranty)	3	each	123	Rupees One hundred twenty three only.	369	

17	Supplying and fixing , 240/415 volts, 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. Make:- L&T/ Legrand/Hager/ ABB as approved by Er-In-Charge (five year warranty)							0
17.01	Single pole	12	Each	239	Rupees Two hundred thirty nine only.			2868
18	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of double poles in the existing MCB DB complete with connections etc. as required:-Make:- L&T/ Legrand/ Hager/ ABB as approved by Er-In-Charge (five year warranty)	2	each	1306	Rupees One thousand three hundred six only.			2612
19	Supplying and fixing following rating, 10 KA double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 30 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required Make - L&T/ Legrand/Hager/ ABB/Anchor as approved by Engineer-in-charge.							
19.01	63 Amps.	1	each	3104	Rupees Three thousand omne hundred fourt only.			3104
20	Supplying and fixing of following surface mounted Luminaire LED batten, having high quantity design aluminium extruded decorative end caps and it should be compatible with specification ie 6500K, and it should be compatible with specification i.e. Power Factor > .9, Harmonic Distortion<10% and efficacy 100 Lumens per watt, suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning etc. Make:- Panasonic/Philips/ wipro/Jaquar as approved by Engineer-in-Charge							0
20.01	12W	1	each	461	Rupees Four hundred sixty one only.			461
20.02	25W	8	each	852	Rupees Eight hundred fifty two only.			6816

21	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, neutral bus bar, earth bar, din-bar, interconnections, and powder painted, including earthing etc. as required. ( but without MCB/RCCB/isolator) Make -L&T/ Legrand/Hager/ ABB/Anchor as approved by Engineer-in -charge.	1	each	2607	Rupees Two thousand six hundredrs seven only.	2607
21.01	MCBDB 16 WAY Double Door.					
<b>TOTAL</b>						99733

*D/WIT NO. 231 checked and approved for Rs 98,733/- only (Rs only nine thousand seven hundred - thirty three only)*

Executive Engineer  
Electrical Division  
H.P.P.W.D.Una-174203

Executive Engineer,  
Electrical Division,  
HP. PWD., Una

Job No. 16

DRAFT SCHEDULE OF QUANTITY					Estimated Cost- Rs. 51,107/-	
					Earnest money:- Rs. 1,000/-	
					Time Limit:- One month.	
Name of work:- A/R &M/O of NR Building at Hamirpur (H.P.) (SH:- Replacement of Burnt PCB for 20 KVA Numeric make UPS at Chief office Hamirpur Distt Hamirpur						
S. No.	Description of Items	Quantity	Unit	Rate In Fig.	In words.	Amount
	Supply, installation, balancing and commissioning of PCB card for 20 KVA (Numeric make) UPS including all charges, complete in all respect as required . one year warranty	1	Each	51107	Rupees Fifty one thousand one hundred seven only.	51107
TOTAL						51107

DIT no checked and approved for Rs 51,107/- only  
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Executive Engineer  
Electrical Division  
H.P.P.W.D.Uha-174303