



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

No.PW/EDU/CB//TA/Tender/2023-24/- 3787-97

Dated 23/08/23

To

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

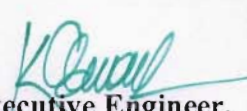
Subject: - Regarding publication of Tenders Notice.

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

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Electrical Division
HPPWD, Una



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NOTICE INVITING TENDER

Sealed percentage rate tenders are hereby invited by the Executive Engineer, Electrical 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 **04.09.2023** 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 EPF 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: | - | 02-09-2023 up to 1.00 P.M. |
| 2. | Date of sale of tenders | :- | 02-09-2023 up to 5.00 P.M. |
| 3. | Last date of receipt of bids | :- | 04-09-2023 up to 10.30 A.M. |
| 4. | Date of bid opening | :- | 04-09-2023 up to 11.00 A.M. |

Sr. No.	Name of work	Estimated Cost. (In Rs.)	Earnest Money (In Rs.)	Time limit	Cost of form (In Rs.)	Eligible Class of Contractor
1	Replacement of Old Batteries in 20 KVA UPS system for 8 th Circle HPPWD., Hamirpur Distt. Hamirpur.	1,80,000/-	3,600/-	Six Months.	350/-	Specialized Job
2	Construction of Sub-Centre building at Jankaur Distt. Una (H.P) (SH:- Providing E.I. therein).	1,95,624/-	3,900/-	One Year.	350/-	Class-D,C
3	C/o 04 Nos. class Rooms at Govt. Sr. Sec. School Singan, Tehsil Haroli Distt. Una (H.P) (SH:- Providing E.I. therein).	3,06,177/-	6,200/-	One Year.	350/-	Class-C,B
4	R/M of damaged accessories and E.I. in various N.R. Govt. buildings i.e. circuit House Hamirpur suit No. 1,2,4,5,6,7,8,9,10 under ESD Hamirpur Distt. Hamirpur (H.P).	3,19,210/-	6,400/-	Six Months.	350/-	Class-C,B
5	C/o type IV Qtr. 01 No. for Distt. Planning Officer in pooled colony at Hamirpur Distt. Hamirpur (H.P) (SH:- Providing E.I. therein).	2,99,494/-	6,000/-	One Year.	350/-	Class-D,C
6	R/M of damaged accessories and E.I. in various N.R. Govt. building i.e. Rest House Sera, G.F. Set No. 1,2,3 Dinning, Kitchen, Toilet, Circuit House Hamirpur Set 4,5 under ESD Hamirpur (H.P).	4,58,106/-	9,200/-	Six Months.	350/-	Class-C,B
7	A/R & M/O of various type and different capacity of Air Conditioner installed in	2,38,264/-	4,800/-	One Year.	350/-	Specialized Job

	various N.R. Govt. building under Electrical Sub-Division, HP.PWD., Bilaspur (Bilaspur Section) for the year 2023-2024 w.e.f. (01/07/2023 to 30/06/2024					
8	Replacement of damaged Electrical accessories and E.I. in various residential building under ESD Bilaspur i.e. Session Judge Residence, Sub-Judge Residence, C.J.M Residence Ghumarwin , S.E . 10 th circle residence and ADR Judge residence Bilaspur,)	1,54,671/-	3,100/-	Six Months.	350/-	Class-D,C
9	Construction of additional accommodation (02 rooms along with stair) case at Govt. Sr. Sec. School Ghanari Tehsil Ghanari Distt. Una HP (SH: - Providing E.I. therein).	1,31,772/-	2,700/-	One Year.	350/-	Class-D,C
10	Replacement of E.I in Type-4 QTR 02 Nos. (Old BMO residence building)at RHTC Tauni Devi Distt Hamirpur (H.P).	4,00,813/-	8,000/-	Six Months.	350/-	Class-C,B
11	Replacement of old /damaged accessories switchgear and E..I. in Old Technical University Hamirpur, (H.P) (SH: Two No. rooms for Himachal Pradesh Transport appellate Tribunal Hamirpur).	1,13,668/-	2,300/-	Six Months.	350/-	Class-D,C
12	Providing Special Repair of E.I. in Room No. 201 at Mini Secretariat building at Hamirpur and strong rooms, Counting Hall in Govt. Sr. Secondary School (Boys) Hamirpur Distt. Hamirpur (H.P).	1,47,676/-	3,000/-	Six Months.	350/-	Class-D,C
13	Servicing of Diesel Generator sets CUMMINS (SUDHIR) make 25 KVA, 50KVA, 62.5 KVA, 100 KVA & 250 KVA make at Dr. RKGMC Hamirpur Distt Hamirpur (HP).	1,35,146/-	2,700/-	Six Months.	350/-	Specialized Job
14	Replacement of damaged accessories and E.I. in various Residential Govt. buildings i.e. ACJM Residence PWD Colony PWD Colony Type II Type III ,Additional District & Sessions Judge residence Matani, pooled colony type IV under ESD Hamirpur District Hamirpur (H.P.)	1,27,868/-	2,600/-	Six Months.	350/-	Class-D,C
15	C/o Combined office building at Nadaun, Distt. Hamirpur (SH:- Providing A.C's in conference Hall at 5 th floor therein).	2,59,971/-	5,200/-	Six Months.	350/-	Specialized Job
16	Replacement of main panel in Rest House Sujanpur, and street Light in rest House Sujanpur, Distt. Hamirpur (H.P).	1,11,144/-	2,300	Six Months.	350/-	Class-D,C
17	A/R & MO of various type and different capacity of Air Conditioner installed in various N.R. Govt. buildings under ESD HP.PWD Una (Una Section) for the year 2023-2023.	78,000/-	1,600/-	One Year.	350/-	Specialized Job
18	Providing Service of 02 Nos. Electrician/Technician for attending the	3,30,673/-	6,600/-	Eight Months.	350/-	Class-C,B

	complaints of E.I. in HP.PWD., ESD Hamirpur Distt. Hamirpur (H.P) (Eight months from the awarded date).					
19	C/o Mini Secretariat building at Una, Distt Una (H.P.) (SH:- P/F One No. Air Conditioners in AC. (2.00 tone capacity) to DC Una and 4 Nos. A.C (1.50 tone capacity) in Distt. Attorney office Una).	4,02,882/-	8,100/-	One Month	350/-	Specialized Job
20	Providing Service of 02 Nos. Electrician/Technician for attending the complaints of E.I. in Regional Hospital Una Distt. Una under E.S.D. Una (Eight months from the awarded date).	3,30,673/-	6,600/-	Eight Months.	350/-	Class-C,B
21	C/o Govt. Degree College building at Chowkiminar Tehsil Jole, District Una (HP) (SH:- Providing and laying of steel conduit pipe in basement floor therein)	2,98,740/-	6,000/-	One Month	350/-	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					
Job No. 01					
				Estimated Cost:- Rs. 1,80,000/-	
				Earnest Money:- Rs. 3,200/-	
				Time Limit:- Six Months.	
Name of work :Replacement of Old batteries in 20 KVA UPS System for 8th Circle Hamirpur Tehsil & Distt Hamirpur HP					
Sr. No.	Description of Items	Quantity	Unit	Rate	Amount
1	Supplying Installation testing and commissioning of 65 AH 12 V SMF Battery inclusive of all charges complete in all respect Make Exide,Amron,Quanta (three years warranty)	20.00	Each	8500.00	Rupees Eight thousand five hundred only. 170000
2	Providing service from authrised dealer , service includes Repair air filter, clean and tighten all power connections internally and externally , open all doors , drawers, cover for cleanning and restore all doors and covers secured condition. The offline load test the UPS to ensure that the system is completey functional Make sure that no damage to the UPS system during service complete in all respect	1.00	Each	10000.00	Rupees Ten thousand only. 10000
Total					180000
Less Dismantal credit @Rs. 1000/BATTERY					20000
G. Total:-					160000


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

DRAFT SCJHEDULE OF QUANTITY

Job No. 2

Estimated Cost:- Rs. 1,95,624/-
Earnest Money:- Rs. 3,900/-
Time Limit:- One Year.

NAME OF WORK :- Construction of Sub Centre building at Jankour, Distt. Una (HP) (SH :- Providing E.I. therein)

Sr. No.	Description	Quantity	Rate In Fig.	In words.	Unit	Amount
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required.(Finolex,KEI,Anchor,L&T make)					
1.01	Group A.	16.00	1395.00	Rupees One thousand three hundred ninety five only.	Each	22320
1.02	Group C.	20.00	1567.00	rupees One thousand five hundred sixty seven only.	Each	31340
2	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 (Finolex,KEI,Anchor,L&T make)	10.00	319.00	Rupees three hundred nineteen only.	P/mtr.	3190
3	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 (Finolex,KEI,Anchor,L&T make)	44.00	453.00	Rupees Four hundred fifty three only.	P/mtr.	19932
4	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 (Finolex,KEI,Anchor,L&T make)	24.00	742.00	Rupees Seven hundred forty two only.	P/mtr.	17808
5	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 (Finolex,KEI,Anchor,L&T make)					
5.01	2x1.5 Sq. mm.	33.00	319.00	Rupees three hundred nineteen only.	P/mtr.	10527
5.02	2x10 Sq. mm.	3.00	812.00	Rupees Eight hundred twelve only.	P/mtr.	2436
6	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required (Finolex,KEI,Anchor,L&T make)					
6.01	3x1.5 Sq. mm.	25.00	111.00	Rupees One hundred eleven only.	P/mtr.	2775

7	Supplying and fixing following rating Piano-type switch /socket on the existing switch box / cover including connections etc. as required.						
7.01	S.P. 5/6 Amps one way switch, piano type	4.00	52.00		Rupees fifty two only.	Each	208
7.02	5 pin 5/6 Amps socket outlet, porcelain base/ piano type.	4.00	75.00		Rupees Seventy five only.	Each	300
8	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.	6.00	283.00		Rupees Two hundred eighty three only.	Each	1698
9	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.	6.00	486.00		Rupees Four hundred eight six only.	Each	2916
10	Supplying and fixing bakelite battent/angle holder including connections etc. as required - (SSK, Anchor make)	8.00	97.00		Rupees Ninety seven only.	Each	776
11	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:- (SSK, Anchor make)	2.00	417.00		Rupees Four hundred seventeen only.	Each	834
12	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:-						
12.01	6Amps Single pole. Cat-A.	6.00	230.00		Rupees Two hundred thirty only.	Each	1380
12.02	16Amps Single pole. Cat-A.	6.00	230.00		Rupees Two hundred thirty only.	Each	1380
13	Supplying and erection of following rating, double pole 240 volts, Isolator in the existing MCB DB complete with connections etc. as required:- (Legrand/Hager/ABB/I&T make)						0
13.01	Double pole. 63 Amps Cat-A.	2.00	597.00		Rupees five hundred ninety seven only.	Each	1194
14	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamps in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
14.01	63 Amps. Cat-A.	2.00	3456.00		Rupees three thousand four hundred fifty six only.	Each	6912
15	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	2.00	2290.00		Rupees Two thousand two hundred ninety only.	Each	4580
16	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	3531.00		Rupees three thousand five hundred thirty one only.	P/set	3531
17	Extra for using salt and charcoal for pipe earth electrode complete as required.	1.00	1613.00		Rupees One thousand six hundred thirteen only.	P/set	1613
18	Supplying and laying 6 SWG G.I. wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required.	35.00	40.00		Rupees forty only.	P/mtr.	1400

19	Providing, Installation, testing and commissioning of ceiling fan without step type fan regulator modular. power input 30 watts speed 330 RPM, 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-Technixplus) or its equivalent make)					
19.01	Ceiling Fan 1200 mm sweep. Category-A	6.00	2964.00	Rupees Two thousand nine hundred sixty four only.	Each	17784
20	Supplying and fixing Fan box of M.S.sheet with iron rod hook 12 mm.in place of junction box complete as required.	6.00	45.00	Rupees forty five only.	Each	270
21	Supplying and fixing Step type fan regulator (Socket type) 100 watts on the existing switch box/cover complete making connections etc.as required (SSK/Anchor or its equivalent make)	6.00	487.00	Rupees four hundred eighty seven only.	Each	2922
22	Providing and fixing LED surface/pendent mounting Tube fixture 24 watts Jaquar make glazed LED batten Cat.No.LG1201X024XXN high quality design aluminium extruded decorative end caps as per best satisfaction of Engineer-in-Charge complete as required.	6.00	876.00	Rupees Eight hundred seventy six only.	Each	5256
23	Providing and fixing LED Street light 25 watts aluminium die cast housing ,with Polycarbonate LENS for uniform light distribution and bracket of steel conduit pipe 32 mm., complete with all accessories,connections,testing and commissioning etc.as required (Wipro LR02-291-XXX-57-XX/Clair/Philips make)	3.00	4361.00	Rupees Four thousand three hundred sixty one only.	Each	13083
24	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.-(Usha - SPH Turbo HDEF 900 RPMISI or its Equivalent make)					
24.01	Exhaust Fan, Light duty, 300 mm sweep	4.00	2505.00	Rupees Two thousand five hundred five only.	Each	10020
25	Supplying and fixing exhaust fan louver shutter for 300 mm. exhaust fan on the existing wall, painting etc. as required (National or its equivalent make)	4.00	592.00	Rupees Five hundred ninety two only.	Each	2368
26	Supplying and fixing of Bulk head fitting LED 10 watts and suitable for input voltage 220-240 Volts,50 HZ, Length 232x Width 105x Height 50 mm size complete with connections etc.as required (Panasonic Ellipto Code No.PBHM01107/Philips/ Decon or its equivalent make)	1.00	1383.00	Rupees One thousand three hundred eighty three only.	Each	1383
27	Supplying and fixing LED Lamp 9 watts 6500 K E-27 ,900 Lumens 240 volts AC,supply 50 HZ in the existing batten holder/pendent holder, wall bracket & bulk head fitting etc. as required (Tisva cat. No.AL946611X/Panasonic/Philips make)	8.00	256.00	Rupees Two hundred fifty six only.	Each	2048
28	Supply and fixing of 2H Led Batten 10 W surface mounted with polycarbonate diffuser and with extruded aluminium housing/polycarbonate housing. The Input voltage range shall be 150V to 270V. Driver Output voltage shall be less than SELV Limits for safe operation and maintenance Wipro Cat. No.L20-111-XX-65NE3 or Equivalent in Philips : BN 021 LED10S- 6500 PSU GR S1 or Trilux:TRL-X F OTA 2000-857 ET or LT	2.00	720.00	Rupees Seven hundred Twenty only.	Each	1440
G.Total:-						195624

(Signature)
Executive Engineer,
Electrical Division,
HP.PWD., Una.

DRAFT SCHEDULE OF QUANTITY									
				Job No. 3					
								Estimated Cost:-	Rs. 3,06,177/-
								Earnest Money:-	Rs. 6,200/-
								Time Limit:-	One Year.
NAME OF WORK :- C/O 4 No. Class Rooms at Govt. S.S.S.Singam, Tehsil Haroli, Distt. Una. (HP) (SH :- Providing E.I.there in)									
S. No.	Description	Quantity	Rate	In fig.	In words.	Unit	Amount		
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required.(Finolex,KEL,Anchor,L&T make)								
1.01	Group C.	70.00	1653.00		Rupees One thousand six hundred fifty three only.	Each	115710		
2	Wiring for twin control light point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) 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. HRFRLS/PVC insulated single core copper conductor cable as required.(Finolex,KEL,Anchor,L&T make)								
2.01	Group C.	2.00	1916.00		Rupees One thousand nine hundred sixteen only.	Each	3832		
3	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.(Finolex,KEL,Anchor,L&T make)	52.00	277.00		Rupees Two hundred seventy seven only.	P/mtr.	14404		
4	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.(Finolex,KEL,Anchor,L&T make)								
4.01	2x1.5 Sq. mm.	73.00	277.00		Rupees Two hundred seventy seven only.	P/mtr.	20221		
5	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required.(Finolex,KEL,Anchor,L&T make)						0		
5.01	3x1.5 Sq. mm.	96.00	82.00		Rupees Eighty two only.	P/mtr.	7872		
6	Supplying and fixing following rating Piano-type switch /socket on the existing switch box / cover including connections etc. as required								
6.01	S.P. 5/6 Amps one way switch, piano type.	4.00	49.00		Rupees Forty nine only.	Each	196		
6.02	5 pin 5/6 Amps socket outlet, porcelain base/ piano type.	4.00	71.00		Rupees Seventy one only.	Each	284		

7	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.	4.00	269.00	Rupees Two hundred sixty nine only.	Each	1076
8	Supplying and fixing bakelite batten/angle holder including connections etc. as required:- (SSK, Anchor make)	11.00	92.00	Rupees Ninety two only.	Each	1012
9	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:-					
9.01	Single pole. Cat-A.	10.00	243.00	Rupees Two hundred forty three only.	Each	2430
10	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:-					
10.01	Double pole. Cat-A.	1.00	1111.00	Rupees One thousand one hundred eleven only,	Each	1111
11	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamps in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
11.01	40 Amps. Cat-A.	1.00	2820.00	Rupees Two thousand eight hundred twenty only.	Each	2820
12	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with lined 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:-					
12.01	Double door-16 way	1.00	2691.00	Rupees Two thousand six hundred ninety one only.	Each	2691
13	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	3351.00	Rupees three thousand three hundred fifty one only.	P/set	3351
14	Extra for using salt and charcoal for pipe earth electrode complete as required.	1.00	1613.00	Rupees One thousand six hundred thirteen only.	P/set	1613
15	Supplying and laying 6 SWG G.I. wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required.	40.00	38.00	Rupees thirty eight only.	P/mtr.	1520

16	Providing, Installation, testing and commissioning of ceiling fan without step type fan regulator modular, air delivery 215 m3 /min power input 30 watts speed 330 RPM.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-Technixplus BEE 3 Star rated model)or its equivalent make)						
16.01	Ceiling Fan 1200 mm sweep, Category-A	20.00	2814.00	Rupees Two thousand eight hundred fourteen only.	Each	56280	
17	Supplying and fixing Fan box of M.S.sheet with iron rod hook 12 mm.in place of junction box complete as required.	20.00	42.00	Rupees forty two only.	Each	840	
18	Supplying and fixing Step type fan regulator (Socket type) 100 watts on the existing switch box/cover complete making connections etc.as required (SSK/Anchor or its equivalent make)	20.00	462.00	Rupees Four hundred sixty two only.	Each	9240	
19	Providing and fixing LED surface/pendent mounting Tube fixture 24 watts Jaqour make glazed LED batten Cat.No.LGLZ01X024XN high quality design aluminium extruded decorative end caps as per best satisfaction of Engineer-in-Charge complete as required.	32.00	831.00	Rupees Eight hundred thirty one only.	Each	26592	
20	Providing and fixing LED Street light 25 watts aluminium die cast housing, with Polycarbonate LENS for uniform light distribution .AC 85-270 volts with 4MV electric surge.lumen 2400.available color temperature 6500 K,CRI 80,IP rating 66, up to 10KVA electric surge protection and bracket of steel conduit pipe 32 mm., complete with all accessories,connections,testing and commissioning etc.as required. (Wipro LR02-291-XXX-57-XX/Clair/Philips make)	8.00	3508.00	Rupees three thousand five hundred eight only.	Each	28064	
21	Supplying and fixing LED Lamp 9 watts 6500 K E-27, 900 Lumens 240 volts AC.supply 50 HZ. in the existing batten holder,pendent holder,wall bracket & bulk head fitting etc, as required.(Tisva cat. No.AL946611X/Panasonic/Philips make)	11.00	243.00	Rupees Two hundred forty three only.	Each	2673	
22	Wiring for sub main wiring with following sizes of weather proof twin core aluminium conductor cable on G.I.bearer wire etc,as required.						
22.01	16 sq.mm. Twin core	35.00	67.00	Rupees sixty seven only.	P/mtr.	2345	
G. Total:-						306177	


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

DRAFT SCHEDULE OF QUANTITY							
Job No. 04							
		Estimated Cost:- Rs. 3,19,210/-					
		Earnest Money:- Rs. 6,400/-					
		Time Limit:- Six Months.					
Name of work:- R.M of damaged accessories and E.L in various NR Govt. buildings i.e Circuit house hamirpur suit no 1,2,4,5,6,7,8,9,10 under ESD Hamirpur Distt Hamirpur HP							
Sr. 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 pvc conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Make :-Anchor (Roma classic),L&T(Entice), Legrand(Myrius) or its equivalent as approved by Er-In-Charge						
1.01	Group c	40.00	Each	1133.00		Rupees One thousand one hundred thirty three only.	45320
2	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class pvc conduit, 2 way 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 (Roma classic),L&T(Entice), Legrand(Myrius) or its equivalent as approved by Er-In-Charge	8.00	each	1306.00		Rupees One thousand three hundred six only.	10448
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:- Plaza,KEI,Finolex or its equivalent as approved by Er-In-Charge						
3.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	90.00	meter	190.00		Rupees One hundred ninety only.	17100
3.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	150.00	meter	308.00		Rupees three hundred eight only.	46200
4	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. Make:- Plaza,KEI,Finolex or its equivalent as approved by Er-In-Charge						
4.01	3 x 1.5 sq. mm	70.00	meter	97.00		Rupees Ninety seven only.	6790
4.02	3 x 4 sq. mm	50.00	meter	219.00		Rupees Two hundred nineteen only.	10950
4.03	3 x 10 sqmm	10.00	meter	558.00		Rupees Five hundred fifty eight only.	5580
5	Supplying and fixing following Modular type switch/ socket on the existing switch box/ cover including connections etc. as required.						
5.01	5/6 amp switch	4.00	Each	76.00		Rupees Seventy six only.	304

5.02	3 pin 5/6 amp socket outlet	4.00	Each	122.00	Rupees One hundred twenty two only.	488
5.03	15/16 amp switch	8.00	Each	133.00	Rupees One hundred thirty three only.	1064
5.04	6 pin 15/16 amp socket outlet	8.00	Each	201.00	Rupees Two hundred one only.	1608
5.05	Bell push	8.00	Each	149.00	Rupees One hundred forty nine only.	1192
5.06	2 way 5 switch	12.00	Each	122.00	Rupees One hundred twenty two only.	1464
5.07	Blanking plate	20.00	Each	25.00	Rupees Twenty five only.	500
6	Supplying and fixing following size/modules, G.I box alongwith modular base & cover for modular switches in recess etc.as required					
6.01	4 Module (125mmX75mm)	8.00	Each	373.00	Rupees three hundred seventy three only.	2984
7	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 classic), L&T (Entice), Legrand (Myrius) or its equivalent as approved by Er-In-Charge	8.00	each	628.00	Rupees Six hundred twenty eight only.	5024
8	Supplying and fixing 25 amp single phase motor starter on the existing modular plate & switch box including connections etc. as required	8.00	Each	203.00	Rupees Two hundred three only.	1624
9	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. Diplast/BEC/ Polyfit or its equivalent as approved by Er-In-Charge					
9.01	25 mm	30.00	Each	277.00	Rupees Two hundred seventy seven only.	8310
10	Providing, Installation, testing and commissioning of ceiling fan with socket type 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:- Usha (TECHNIX PLUS), Bajaj, Crompton or its equivalent as approved by Er-in-charge	4.00	Each	2789.00	Rupees Two thousand seven hundred eighty nine only.	11156
11	Providing and installation exhaust fan of 300 mm light duty (pvc) 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.	4.00	Each	2850.00	Rupees Two thousand eight hundred fifty only.	11400
12	Supplying and fixing Ding Dong bell suitable for single phase, 230 volts, complete as required.	4.00	Each	224.00	Rupees Two hundred twenty four only.	896

13	Supplying and fixing round surface type LED 15 watt, 6000k, (Five YEAR WARRANTY) 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 (Model -PDL M22157)/Philips, wipro or its equivalent as approved by Engineer-in-Charge	2.00	Each	1136.00	Rupees One thousand one hundred thirty six only.	2272
14	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 or its equivalent as approved by Engineer-in-Charge	4.00	Each	138.00	Rupees One hundred thirty eight only.	552
15	Supplying and fixing of fancy Mirror/Dressing lights with double wall opal glass & base chrome finish complete with all accessories including making connections, testing etc. as required.:Make PHILIPS,wipro,Jaquar or equivalent make	4.00	Each	3357.00	Rupees three thousand three hundred fifty seven only	13428
16	Supplying and fixing of LED 4 Watt fancy Bedside light of white colour with metal & synthetic material, complete with all accessories including making connections, testing etc. as required.:Make PHILIPS ,wipro,Philips or equivalent make	8.00	Each	2999.00	Rupees Two thousand nine hundred ninety nine only.	23992
17	Supplying and fixing of fancy wall bracket of metal glass bronze colour, with single holder containing thread type LED lamp holder(s) of all sizes and shapes, complete with all accessories but including led lamp including making connections, testing etc. as required.:Make Jaquar,wipro,Philips or equivalent make .:Make PHILIPS,wipro,Jaquar or equivalent make	4.00	Each	2078.00	Rupees Two thousand seventy eight only.	8312
18	Supplying and fixing 5 amps to 32 amps , 240/415 volts, 10 kA, "C" curve,minature 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, Hager,ABB or its equivalent as per best satisfaction of Engineer-in -charge.					
18.01	Single pole	15.00	Each	263.00	Rupees Two hundred sixty three only.	3945
19	Supplying and erection of 40/50/63 amps, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of pole Double pole in the existing MCB DB complete with connections etc. as required.:Make L&T, Hager,ABB or its equivalent as approved by Engineer-in -charge.	2.00	Each	1195.00	Rupees One thousand one hundred ninety five only.	2390
20	Supplying and fixing 63 amp rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current 300 milli amperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.-Make L&T, Schneider,ABB or its equivalent as approved by Engineer-in - charge.					

20.01	63 amp		2.00	Each	3662.00	Rupees three thousand six hundred sixty two only.	7324
21	Supplying and fixing of Flood light LED 70 watt (five year warranty) with innovative & aesthetic & robust design with aluminium heat sink and toughened glass (IP 66) with specification e.i. Power Factor > .9, and efficacy >100 Lumens per watt, CRI> 80 suitable for input voltage: AC 220-240 V, 50/60Hz, 5700K, complete with all accessories, connections, testing and commissioning etc. as required. Make:- panasonic (cat no pflm19708) Wipro /Bajaj/ or its equivalent as approved by Engineer-in-Charge.		2.00	Each	8987.00	Rupees Eight thousand nine hundred eighty seven only.	17974
22	Providing and installation of stationary storage type Electric water heater (Geyser) of following capacity various sizes by means of expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, making good the damages, electrical connections, testing etc. complete as required:-Make:-Usha,Bajaj,Recold or approved by Engineer-in -charge.						
22.01	15 liter		1.00	Each	8739.00	Rupees Eight thousand seven hundred seventy only.	8739
22.02	25 liter		4.00	Each	9970.00	Rupees Nine thousand nine hundred seventy only.	39880
G.Total:-							319210


 Executive Engineer,
 Electrical Division,
 HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY						
Job No. 5						
Estimated Cost:- Rs. 2,99,494/-						
Earnest Money:- Rs. 6,000/-						
Time Limit:- One Year.						
Name of work :- C/O Type IV Qtr 1 No for Distt Planning Officer in Pooled colony at Hamirpur Distt Hamirpur H.P (SH:- Providing E.I therein)						
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 steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc as required. Make :-Anchor (Roma classic),L&T(Entice),Legrand(Myrius) or its equivalent as approved by Engineer-In-Charge					
1.01	Group B	38	Each	1474	Rupees One thousand four hundred seventy four only.	56012
2	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way 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 (Roma classic),L&T(Entice), Legrand(Myrius) or its equivalent as approved by Engineer-In-Charge	4	Each	1916	Rupees One thousand nine hundred sixteen only.	7664
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 steel conduit as required. Make:-Plaza,KEI, Finolex or its equivalent as approved by Engineer-In-Charge					
3.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	110	Meter	326	Rupees three hundred twenty six only.	35860
3.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	72	Meter	451	Rupees Four hundred fifty one only.	32472
3.03	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	5	Meter	786	Rupees Seven hundred eighty six only.	3930
3.04	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	40	Meter	727	Rupees seven hundred twenty seven only.	29080
4	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. Make:-Plaza,KEI,Finolex or its equivalent as approved by Engineer-In-Charge					
4.01	3 x 1.5 sq. mm	50	Meter	104	Rupees One hundred four only.	5200
4.02	3 x 4 sq. mm	25	Meter	234	Rupees Two hundred thirty four only.	5850
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) or its equivalent as approved by Engineer-In-Charge					
5.01	5/6 amp Modular switch	10	Each	89	Rupees Eighty nine only.	890
5.02	5 pin 5/6 amp socket outlet	10	Each	151	Rupees One hundred fifty one only.	1510
6	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required. Make :-Anchor (Roma classic),L&T(Entice),Legrand(Myrius) or its equivalent as approved by Engineer-In-Charge	15	Each	34	Rupees thirty four only.	510

7	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 5 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. Make :-Anchor (Roma classic),L&T(Entice),Legrand(Myrius) or its equivalent as approved by Engineer-In-Charge	10	Each	563	Rupees Five hundred sixty three only.	5630
8	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 nos. 3 pin 5/6 amps modular socket outlets and 2 nos 5/6 amps modular switches, connection etc. as required. Make :-Anchor (Roma classic),L&T(Entice),Legrand(Myrius) or its equivalent as approved by Engineer-In-Charge	2	Each	907	Rupees Nine hundred seven only.	1814
9	Supplying and fixing suitable size GI box with modular plate and cover in FRLSont 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 classic),L&T(Entice),Legrand(Myrius) or its equivalent as approved by Engineer-In-Charge	9	Each	743	Rupees Seven hundred forty three only.	6687
10	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. Diplast/BEC/Polyfit or its equivalent as approved by Engineer-In-Charge					
10.01	25 mm	10	Mtr.	111	Rupees One hundred eleven only.	1110
11	Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required. Make :-Anchor (Roma classic),L&T(Entice),Legrand(Myrius) or its equivalent as approved by Engineer-In-Charge	1	Each	78	Rupees seventy eight only.	78
12	Providing and installation exhaust fan of 300 mm light duty (Domestic type) 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	3	Each	2347	Rupees Two thousand three hundred forty seven only.	7041
13	Supplying and fixing exhaust fan louver shutter for 300 mm exhaust fan on the existing wall, painting etc, as required.	3	Each	650	Rupees Six hundred fifty only.	1950
14	Providing, Installation, testing and commissioning of ceiling fan, 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 fan box, phenolic laminated sheet cover on the fan box and earthing etc. as required. Make :-Usha (TECHNIX PLUS), Bajaj, Crompton or its equivalent as approved by Engineer-In-Charge					
14.01	Ceiling Fan 1200 mm sweep	5	Each	2515	Rupees Two thousand five hundred fifteen only.	12575
15	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) or its equivalent as approved by Engineer-In-Charge	5	Each	410	Rupees Four hundred ten only.	2050
16	Supplying and fixing LED Lamp 9 watts 6500 K E-27 900 Lumens 240 volts AC supply 50 HZ in the existing batten holder, pendant holder, wall bracket & bulk head fitting etc, as required. Make TISVA (Cat no AL916611X) wipro, Philips or equivalent Make :-Tisva ,Panasonic Philips or its equivalent as approved by Engineer-In-Charge (Five year warranty)	8	Each	190	Rupees One hundred ninety only.	1520
17	Supplying and fixing following type surface round type LED downlight, 6000K , 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, with three year warranty complete with all accessories, connections, testing and commissioning etc. Make Panasonic, Wipro Philips or its equivalent as approved by Engineer-In-Charge (Five year warranty)					
17.01	15W	12	Each	1136	Rupees One thousand one hundred thirty six only.	13632

18	Supplying and fixing of LED bulk head fitting with all accessories including making connections, testing etc. as required. Make Panasonic Wipro Philips or its equivalent as approved by Engineer-In-Charge (Five year warranty)	6	Each	1103	Rupees One thousand one hundred three only.	6618
19	Supplying and fixing of fancy wall bracket of chrome finish colour with opal glass diffuser made of mild steel, with single holder containing thread type LED lamp holder(s) of all sizes and shapes, complete with all accessories but excluding led lamp including making connections, testing etc. as required. Make Philips, Jaquar Tisva or its equivalent as approved by Engineer-In-Charge (Five year warranty)	1	Each	1196	Rupees One thousand one hundred ninety six only.	1196
20	Providing and fixing of following type surface mounted Luminaire LED batten, having high Quality design aluminium extruded decorative end caps and it should be compatible with specification i.e. Power Factor ≥ 9 , Harmonic Distortion $> 15\%$ 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 required. Make Philips, Panasonic Jaquar or its equivalent as approved by Engineer-In-Charge (Five year warranty)					
20.01	10 watt	2	Each	415	Rupees four hundred fifteen only.	830
20.02	24 watt	5	Each	665	Rupees Six hundred sixty five only.	3325
21	Supplying and fixing batten/ angle holder including connection etc. as required. Make :-Anchor (Roma classic), L&T (Entice), Legrand (Myrius) or its equivalent as approved by Engineer-In-Charge	4	Each	59	Rupees fifty nine only.	236
22	Supplying and fixing of LED 3 Watt fancy Bedside light of white colour with metal & synthetic material, complete with all accessories including making connections, testing etc. as required. Make Jaquar, wipro, Philips or its equivalent as approved by Engineer-in -charge (Five year warranty)	2	Each	1764	Rupees One thousand seven hundred sixty four only.	3528
23	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	1	P/set	4532	Rupees Four thousand five hundred thirty two only.	4532
24	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing as required.	30	P/mtr	40	Rupees Forty only.	1200
25	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/recess, complete with tinned copper bus bar, neutral busbar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) Make L&T, Schneider, ABB or its equivalent as per best satisfaction of Engineer-in -charge.					
25.01	MCB DB 12 WAY	2	Each	2394	Rupees Two thousand three hundred ninety four only.	4788
26	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, Schneider, ABB or its equivalent as per best satisfaction of Engineer in -charge.					
26.01	single pole	12	Each	261	Rupees Two hundred sixty one only.	3132
27	Supplying and fixing pole blanking plate in the existing MCB DB complete etc. as required. - Make L&T, Schneider, ABB or its equivalent as per best satisfaction of Engineer-in -charge.	4	Each	20	Rupees Twenty only.	80
28	Supplying and erection of 40/50/63 amps rating, 10 kA breaking capacity, 240 volts, "C" curves, miniature circuit breaker of pole Double pole in the existing MCB DB complete with connections etc. as required. - Make L&T, Schneider, ABB or its equivalent as per best satisfaction of Engineer-in -charge.	2	Each	1161	Rupees One thousand one hundred sixty one only.	2322

29	Supplying and fixing of following rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 milli amperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.-Make L&T, Schneider,ABB or its equivalent as per best satisfaction of Engineer-in-charge.					
29.01	40 AMP	1	Each	2893	Rupees Two thousand eight hundred ninety three only.	2893
29.02	63 AMP	1	Each	3594	Rupees three thousand five hundred ninety four only..	3594
30	Providing and installation of stationary storage type Electric water heater (Geyser)of following capacity various sizes by means of expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, making good the damages, electrical connections, testing etc. complete as required.-Make-Usha,Bajaj,Recold or its equivalent as per best satisfaction of Engineer-in-charge.					
30.01	6 litre	1	Each	6745	Rupees Six thousand seven hundred forty five only.	6745
30.02	25 litre	2	Each	10705	Rupees Ten thousand seven hundred five only.	21410
G.Total:-						299494


Executive Engineer,
Electrical Division,
HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY			Job No. 06			
					Estimated cost:- Rs. 4,58,106/-	
					Earnest money:- Rs. 9,200/-	
					Time Limit:- Six Months.	
Name of work:- R/M of damaged accessories and E.I. in various NR Govt. buildings i.e Rest house Sera, G.F set no 1,2,3 Dinning, Kitchen, Toilets Circuit house Hamirpur set no 4,5 under ESD Hamirpur Distt. Hamirpur HP						
Sr. 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 pvc conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.Make :-Anchor (Roma classic),L&T(Entice),Legrand(Myrius) or its equivalent as approved by Engineer-In-Charge					
1.01	Group c	4.00	Each	1193.00	Rupees One thousand one hundred ninety three only.	4772
2	Rewiring 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 exiting Steel/PVC conduit , and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required.including dismantling of the existing wiring as required. (including modular switch & modular base and cover plate etc.)Make :-Anchor (Roma classic),L&T(Entice),Legrand (Myrius) or its equivalent as approved by Engineer-In-Charge	55.00	Each	823.00	Rupees eight hundred twenty three only.	45265
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:-Plaza,KEI,Finolex or its equivalent as approved by Engineer-In-Charge					
3.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	34.00	Meter	190.00	Rupees One hundred ninety only.	6460
3.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	15.00	Meter	308.00	Rupees three hundred eight only.	4620
4	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.Make:-Plaza, KEI , Finolex or its equivalent as approved by Engineer-In-Charge		Meter			0
4.01	2 x 1.5 sq. mm	105.00	Meter	68.00	Rupees sixty eight only.	7140
4.02	3 x 1.5 sq. mm	118.00	Meter	97.00	Rupees Ninety seven only.	11446
4.03	3 x 4 sq. mm	155.00	Meter	219.00	Rupees Two hundred nineteen only.	33945
4.04	3 x 10 sqmm	56.00	Meter	558.00	Rupees Five hundred fifty eight only.	31248
4.05	4 x 25 sqmm	6.00	Meter	1857.00	Rupees One thousand eight hundred fifty seven only.	11142

5	Supplying and fixing following Modular type switch/ socket on the existing switch box/ cover including connections etc. as required.						
5.01	5/6 amp switch	28.00	Each	76.00	Rupees seventy six only..	2128	
5.02	3 pin 5/6 amp socket outlet	29.00	Each	122.00	Rupees One hundred twenty two only..	3538	
5.03	15/16 amp switch	10.00	Each	133.00	Rupees One hundred thirty three only.	1330	
5.04	6 pin 15/16 amp socket outlet	10.00	Each	201.00	Rupees Two hundred one only.	2010	
5.05	Fan regulator	1.00	Each	350.00	Rupees three hundred fifty only.	350	
5.06	Bell push	5.00	Each	149.00	Rupees One hundred forty nine only	745	
5.07	2 way 5 switch	8.00	Each	122.00	Rupees One hundred twenty two only..	976	
5.08	Blanking plate	25.00	Each	25.00	Rupees Twenty five only.	625	
6	Supplying and fixing following size/modules,G.I box alongwith modular base & cover for modular switches in recess etc.as required						
6.01	1 or 2 Module (75mmX75mm)	2.00	Each	288.00	Rupees Two hundred eighty eight only.	576	
6.02	4 Module (125mmX75mm)	5.00	Each	378.00	Rupees three hundred seventy eight only.	1890	
6.03	6 Module (200mmX75mm)	4.00	Each	530.00	Rupees five hundred thirty only.	2120	
7	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.					0	
7.01	1 or 2 Module	2.00	Each	184.00	Rupees One hundred eighty four only.	368	
7.02	3 Module	1.00	Each	237.00	Rupees Two hundred thirty seven only.	237	
7.03	4 Module	5.00	Each	264.00	Rupees Two hundred sixty four only.	1320	
7.04	6 Module	8.00	Each	337.00	Rupees three hundred thirty seven only.	2696	
7.04	12 Module	1.00	Each	375.00	Rupees three hundred seventy five only.	375	
8	Supplying and fixing 25 amp single phase motor starter on the existing modular plate & switch box including connections etc. as required	4.00	Each	205.00	Rupees Two hundred five only.	820	
9	Supplying and fixing suitable size pvc 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.	5.00	Each	250.00	Rupees Two hundred fifty only,	1250	
10	Supplying and fixing suitable size pvc box with modular plate and cover in FRLSont 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.	2.00	Each	375.00	Rupees thre hundred seventy five only.	750	
11	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.Diplast/BEC/ Polyfit or its equivalent as approved by Engineer-In-Charge						
11.01	25 mm	28.00	Each	109.00	Rupees One hundred nine only.	3052	
12	Providing, Installation, testing and commissioning of ceiling fan with socket type 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 req uired: Make:- Usha (TECHNIX PLUS),Bajaj,Crompton or its equivalent as approved by Engineer-in-charge	6.00	Each	3459.00	Rupees three thousand four hundred fifty nine only.	20754	

13	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:- Usha(MIST AIR DUSOS/ICY),Bajaj,Crompton or its equivalent as approved by Engineer-in-charge	2.00	Each	2871.00	Rupees Two thousand eight hundred seventy one only.	5742
14	Providing and installation exhaust fan of 300 mm light duty (pvc) 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.	5.00	Each	2850.00	Rupees Two thousand eight hundred fifty only.	14250
15	Supplying and fixing call bell buzzer suitable for single phase, 230 volts, complete as required.	4.00	Each	78.00	Rupees seventy eight only.	312
16	Supplying and fixing Ding Dong bell suitable for single phase, 230 volts, complete as required.	1.00	Each	224.00	Rupees Two hundred twenty four only.	224
17	Supplying and fixing round surface type LED 15 watt, 6000k, (Five YEAR WARRANTY) 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 (Model -PDL-M22157)/Philips, wipro or its equivalent as approved by Engineer-in-Charge	9.00	Each	818.00	Rupees Eight hundred eighteen only.	7362
18	Supplying and fixing street light LED 60 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 c.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 - Panasonic (Model -PSTM23607)/Philips/wipro or its equivalent as approved by Engineer-in-Charge	2.00	Each	5212.00	Rupees Five thousand two hundred twelve only.	10424
19	Providing and fixing of 5 Watt LED Candle type Lamp E-27 holder base with polycarbonate diffuser and aluminium heat sink including connections, etc. as required..Make surya ,wipro,Philips or its equivalent as approved by Engineer-in-Charge	2.00	Each	219.00	Rupees Two hundred nineteen only.	438
20	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 or its equivalent as approved by Engineer-in-Charge	11.00	Each	138.00	Rupees One hundred thirty eight only.	1518
21	Supplying and fixing of fancy Mirror/Dressing lights with double wall opal glass & base chrome finish complete with all accessories including making connections, testing etc. as required..Make PHILIPS,wipro,jaquar or equivalent make	1.00	Each	3780.00	Rupees three thousand seven hundred eighty only.	3780

22	Supplying and fixing LED tube fixture 20 watt, 6000K, (Five YEAR WARRANTY) 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:- havelis/Philips,Panasomnic or its equivalent as approved by Engineer-in-Charge	3.00	Each	802.00	Rupees Eight hundred two only.	2406
23	Supplying and erection of following depth sheet metal cubical pedestal of suitable dimensions with plus-minus 5 cm variation made from (50 mm x 50 mm x 6 mm thick) M.S. angle iron frame, covered with 1.6 mm thick M.S. sheet duly welded on five sides & front side hinged, complete with locking arrangement with sufficient No. vertical and horizontal intermediate switchgear supporting members each of M.S. flat 50mmx6mm thick of suitable length duly welded. The cubical pedestal shall have cable entry box at one or two sides and 4 No. legs of 50mmx50mmx6mm thick M.S. angle iron each 60 cm long including powder coated painting and bonding to the existing earth etc., the same shall be erected in the 1:2:4 cement concrete plat-form of suitable dimensions 15 cm high from ground level and 45 cm thick. The cubical pedestal shall be 15 cm from the top of cement concrete plat-form:-The panel should be approved /Tested from the CPRI lab.& should confirmed to ISI: 64139 I) 300 Deep	1.50	sq/mtr	17149.00	Rupees Seventeen thousand one hundred forty nine only.	25723.5
24	Providing and fixing 100 amp rating and breaking capacity 25 KA MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as require	1.00	Each	9808.00	Rupees Nine thousand eight hundred eight only.	9808
25	Providing and fixing following rating, four pole, 415 volts, On-Load change over switch in cubical panel front handle operation, including drilling holes in the cubical, making connections, etc. as required.Make:- L&T .Legrand.Haggar , or its equivalent as approved by Engineer-in -charge.					
25.01	100 amp	1.00	Each	6028.00	Rupees six thousand twenty eight only.	6028
26	Supplying and fixing copper strip bus-bars suitable for 100 Amp. 415 volts capacity 4 No. each of cross sectional area (25.4mmx3.17mm), in the existing enclosure with all accessories including connections etc. as required:-	0.40	Each	4917.00	Rupees Four thousand nine hundred seventeen only,	1966.8
27	S/F indicator set RY &B with 3 Nos Kit kat (LED type) to shown the three indicating in the existing pannel complete etc as required.Make L&T, Schneider,ABB or its equivalent as approved by Engineer-in - charge.	2.00	Each	973.00	Rupees Nine hundred seventy three only.	1946
28	Supplying and fixing of ammeter inbuilt selector switch CT/PT site programmabe accuracy class1.0:0.5 complete with connection ;esting and commissioning etc Make L&T, Schneider,ABB or its equivalent as approved by Engineer-in -charge.	1.00	Each	1329.00	Rupees One thousand three hundred twenty nine only.	1329
29	Supplying and fixing of voltmeter inbuilt selector switch CT/PT site programmabe accuracy class1.0:0.5 complete with connection ;esting and commissioning etc as requiredMake L&T, Schneider,ABB or its equivalent as approved by Engineer-in -charge.	1.00	Each	1329.00	Rupees One thousand three hundred twenty nine only.	1329
30	supplying and fixing CT coil 500/5 amp with burden of VA 15 accuracy class -1 Make:- Automatic Electric Ltd, L&T, Legrand .	3.00	Each	1740.00	Rupees One thousand seven hundred forty only.	5220
31	Providing and fixing of Rubber Mat 1x2 mtrs long 12mm thick in the front main panel etc as required at site as approved by the Engg.in-Charge.	1.00	Each	2500.00	Rupees Two thousand five hundred only.	2500

32	Supplying and fixing 5 amps to 32 amps , 240/415 volts, 10 kA, "C" curve,miniatue 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, Hager,ABB or its equivalent as per best satisfaction of Engineer-in -charge.							0
32.01	single pole	28.00	Each	263.00	Rupees Two hundred sixty three only.		7364	
33	Supplying and erection of 40/50/63 amps, 10 KA breaking capacity, 240 volts, 'C' curves, miniatue circuit breaker of pole Double pole in the existing MCB DB complete with connections etc. as required:- Make L&T, Hager,ABB or its equivalent as approved by Engineer-in -charge.	8.00	Each	1195.00	Rupees One thousand one hundred ninety five only.		9560	
33	Supplying and fixing 63 amp rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current 300 milli amperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.-Make L&T, Schneider,ABB or its equivalent as approved by Engineer-in -charge.							
33.01	63 amp	5.00	Each	3662.00	Rupees three thousand six hundred sixty two only.		18310	
34	Supplying and fixing following way, single pole and neutral,sheet steel, MCB distribution board, 240 V, on surface/recess, complete with tinned copper bus bar, neutral busbar, earth bar,din bar,interconnections, powder paintedincluding earthing etc. as required. (But without MCB/ RCCB/Isolator)Make L&T, Schneider,ABB or its equivalent as per best satisfaction of Engineer-in -charge.						0	
34.01	MCBDB 4 WAY Double Door	1.00	Each	1634.00	Rupees One thousand six hundred thirty four only.		1634	
34.01	MCBDB 8 WAY Double Door	1.00	Each	1892.00	Rupees One thousand eight hundred ninety two only.		1892	
34.02	MCBDB 12 WAY Double Door	3.00	Each	2257.00	Rupees Two thousand two hundred fifty seven only,		6771	
35	Supplying and fixing true power make advanced earthing system having copper pipe 2meter long 50 mm dia with terminal size 50x6 mm ,internal strip size 25x3 with 25 Kg compound including exvavation of pit and refilling the same and making earthing pit cover 13 inch dia as required complete in all respect, make :- True power ,Earth plus,Ashloka or its equivalent as per best satisfaction of Engineer-in -charge.	2.00	Each	10893.00	Rupees Ten thousand eight hundred ninety three only.		21786	
36	Supplying and fixing 25 mm X 3 mm copper strip on surface or in recess for connection etc as required .	35.00	Meter	850.00	Rupees Eight hundred fifty only.,		29750	
37	Supplying and fixing Porcelain fuse unit 200 amp,415 volt complete in all respect ,Make :Anchor (cat no 9480),SSK,Havell.	3.00	Each	1682.00	Rupees One thousand six hundred eighty two only.		5046	

38	Providing and fixing of following type surface mounted Luminaire LED batten having high Quality design aluminium extruded decorative end caps and it should be compatible with specification i.e. 6500k , 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 Panasonic, Wipro Philips or its equivalent as approved by Engineer-In-Charge(Five year warranty)					
38.01	10 watt	8.00	Each	363.00	Rupees three hundred sixty three only.	2904
38.02	24 watt	6.00	Each	595.00	Rupees Five hundred ninety five only.	3570
38.03	36 watt	3.00	Each	1110.00	Rupees One thousand one hundred ten only.	3330
39	Providing and installation of stationary storage type Electric water heater (Geyser) of following capacity various sizes by means of expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, making good the damages, electrical connections, testing etc. complete as required:-Make:- Usha, Bajaj, Recold or approved by Engineer-in -charge.					
39.01	15 liter	1.00	Each	8739.00	Rupees eight thousand seven hundred thirty nine only.	8739
39.02	25 liter	2.00	Each	9970.00	Rupees Nine thousand nine hundred seventy only.	19940
40	Providing & Laying of one number aluminium conductor, PVC insulated and PVC sheathed armoured/ XLPE power cable, 1.1 KV grade of following sizes on wall surface as required. Make:-KELPOLYCAB, PLAZA or its equivalent as approved by Engineer-in-charge					
40.01	16 sqmm (Four core)	28.00	Meter	402.00	Rupees Four hundred two only.	11256
					G. Total	458106


 Executive Engineer,
 Electrical Division,
 HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY						
			Job No. 7			
				Estimated Cost:-		Rs. 2,38,264/-
				Earnest Money:-		Rs. 4,800/-
				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 Electrical Sub-Division HP.PWD Bilaspur (Local section) for the year 2023-2024 (w.e.f. 1/07/2023 to 30/06/2024)						
Sr. No.	Description of Item	Quantity	Rate In Fig.	In words.	Unit	Amount
1	Annual , Repair & maintenance (Routine & preventive) of various makes/types and different capacity Split AC's with four numbers mandatory quarterly services and all emergency break down services as and when required from time to time as per the best satisfaction of Engineer-in-charge.The AMC will include the following:-					
1.01	Compress, Thermostat Relay, OLP,Fan Motors, Timers, Heaters, Air dampers, Ice maker, temperature sensors, 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 & Lip seal (Drain motor Pump, Electrical valves, Buzzer Suspension Key Members Remote PCB including cost of their replacement.					
2	All defective components shall be replaced with compatible working parts and defective parts shall be company's/firm./Contractor's property.					
2.01	Split type A.C 1.5ton capacity.	52	4582	Rupees four thousand five hundred eighty two only.	Each	238264
G. Total:-						238264


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

DRAFT SCHEDULE OF QUANTITY						
Job No. 8						
		Estimated cost:- Rs. 1,54,671/-				
		Earnest money:- Rs. 3,100/-				
		Time Limit:- Six Months.				
Name of work: - Replacement of damaged accessories and E.I. in various Residential building i.e Session Judge Residence, Asst-Judge Residence, C.JM Residence Ghumarwin, S.E. 10th circle residence and ADR Judge residence Bilaspur)						
Sr. No.	Discription of Item	Quantity	Rate In Fig.	In words.	Unit	Amount
1	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.	2.00	584.00	Rupees Five hundred eighty four only.	Each	1168
2	Supplying and fixing suitable size GI box with modular plate and cover in FRLSont 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.	1.00	860.00	Rupees Eight hundred sixty only.	Each	860
3	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.HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required. Make:- Finolex, KEI, Anchor, Plaza as approved by Engineer -in -charge .					
3.01	2x1.5 Sq. mm + 1X1.5 sq.mm	60.00	205.00	Rupees Two hundred five only.	P/Mtr	12300
3.02	2x4 Sq. mm + 1X4 sq.mm	10.00	330.00	Rupees three hundred thirty only.	P/Mtr	3300
4	Supplying and Fixing LED Battan 36 watt High quality aluminium extruded with decorative end caps of superior quality (Wipro Make) as per item code L1.22-511-XXX-65-G1 as required. Complete in all respect and as approved by the Engineer-in -Charge.Make-Wipro,Jaquar,Philips or its equivalent.	9.00	1824.00	Rupees One thousand eight hundred twenty four only.	each	16416
5	Supplying and fixing surface round/Square type LED 12 watt, 6000k, (Five YEAR WARRANTY) 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 (Model -PDLM10156BR)/Philips, wipro or its equivalent as approved by Engineer-in-Charge	1.00	1517.00	Rupees One thousand five hundred seventeen only.	Each	1517
6	Providing and installation of LED Street light 30W with bracket power coated pressure die cast aluminium high power led with heat resistant toughened glass with lens ,electronic driver, suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning etc. as required. Make ,wipro(LR26-371-XXX-65-XX),Panasonic Philips or its equivalent as approved by Engineer-in -charge.(Five year warranty)	6.00	4923.00	Rupees four thousand nine hundred twenty three only.	Each	29538

7	Providing, installation, testing and commissioning of ceiling fan with regulator including wiring the down rods of standard length (up to 30cm) and 16/0.20mm twin twisted flexible cotton braided copper cable including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc as required including carriage of material within all leads and lifts. (Usha techniques, Crompton, Havells H S Velocity make or its equivalent.) or as approved by the Engineer-in-Charge.	2.00	4886.00	Rupees Four thousand eight hundred eighty six only.	Each	9772
8	Providing and installation exhaust fan of 300mm (Metal body) 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 or its equivalent as approved by Er-in-charge	4.00	2633.00	Rupees Two thousand six hundred thirty three only.	Each	10532
9	Providing and installation of stationary storage type electric water heater (Geyser) of various sizes by means of Expansion bolts with nuts and washers in/ embedding of expansion bolts in the wall making good the damages Electric connection testing and commissioning etc complete as required. Make :- Usha (Model Mist 25 Litre, Bajaj, Recold or its equivalent as approved by the engineer in charge (a) Geyser 10 Liters					
9.01	Geyser 6 liters	1.00	10288.00	Rupees Ten thousand two hundred eighty eight only.	Each	10288
9.02	Geyser 25 liters	4.00	14745.00	Rupees Fourteen thousand seven hundred forty five only.	Each	58980
G.Total:-						154671


 Executive Engineer,
 Electrical Division,
 HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY					Job No. 9		
					Estimated Cost:- Rs. 1,31,772/-		
					Earnest Money:- Rs. 2,700/-		
					Time Limit:- One Year.		
Name of work: - Construction of additional accommodation (2rooms alongwith stair) case at Govt. Sr. Sec. School Ghanari Tehsil Ghanari Distt. Una HP (SH:- Providing E.I. there in).							
Sr. No.	Description of Item	Quantity	Rate In Fig.	In Words.	Unit	Amount	
1	Wiring for light point/ fan point / exhaust fan/ call bell point with 1.5 sq.mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (Flexible) copper conductor cable in surface/ recessed steel conduit and earthing the light point with 1. 5sq.mm. HRFRLS/PVC insulated single core copper conductor cable as required. (Make:- Legrand , L&T ,Anchor)						
1.01	Group C	31.00	1480.00	Rupees One thousand four hundred eighty only.	Each	45880	
2	Wiring for power plug with 2x4 sq.mm. PVC insulated hear resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/ recessed steel conduit along with 1 NO. 2 sq.mm. HRFRLS/PV C insulated single core copper conductor cable for earthing as required. (Finolex/Anchor/KEI /Plaza make)	14.00	416.00	Rupees four hundred sixteen only.	Per metre	5824	
3	Wiring for power plug with 4x4 sq.mm. PVC insulated hear 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/PV C insulated single core copper conductor cable for earthing as required. (Finolex/Anchor/KEI /Plaza make)	10.00	671.00	Rupees Six hundred seventy one only.	Per metre	6710	
4	Wiring for circuit/ sub main with following size PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductr cable in surface/recessed steel conduit along with 1 No. HRFRLS/PVC insulated single core copper conductor cableof same size for earthing as required. (KEI, Anchor, Finolex/Plaza make)						
4.01	2x1.5sq.mm.	38.00	301.00	Rupees three hundfred one only.	Per metre	11438	
4.02	2x10sq.mm.	1.00	703.00	Rupees Seven hundred three only.	Per Meter	703	

5	Supplying and Drawing following size of PVC insulated, heat resistant, flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in existing surface/recessed, steel/PVC conduit as required. a) 3x1.5sq.mm. (KEI, Anchor, Finolex make)	12.00	97.00	Rupees Ninety seven only.	Per metre	1164
6	Supplying and fixing following rating Piano-type switch/ socket on the existing switch box / cover including connections etc. as required.(SSK/Anchor/L&T)					
6.01	S.P. 5/6 Amps one way switch, piano type.	4.00	29.00	Rupees twenty nine only.	Each	116
6.02	5 pin 5/6 Amps socket outlet, porcelain base/ piano type.	4.00	82.00	Rupees Eighty two only.	Each	328
7	Supplying and fixing metal box of 180mmx100mmx60mm deep (nominal size) on surface/recessed 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, connection, painting etc. as required. (SSK/anchor/L&T)	2.00	316.00	Rupees three hundred sixteen only.	Each	632
8	Supplying and fixing metal box of 100mmx100mmx60mm deep (nominal size) on surface/recessed 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, connection, painting etc. as required. (SSK/anchor/L&T)	2.00	217.00	Rupees Two hundred seventeen only	Each	434
9	Supplying and fixing bakelite batten /angle holder including connections etc. as required.	6.00	60.00	Rupees Sixty only.	Each	360
10	Supplying and erection of 6Amp to 32Amps 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.Category-A.(Hagger,ABB,L&T make)	5.00	247.00	Rupees two hundred forty seven only.	Each	1235
11	Supplying and erection of 40/50/63Amps 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. Double pole Category-A.(Hagger,ABB,L&T make)	1.00	385.00	Rupees three hundred eighty five only.	Each	385
12	Supplying and fixing of 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. a) 40Amp Category-A.(Hagger,ABB,L&T make)	1.00	2282.00	Rupees Two thousand two hundred eighty two only.	Each	2282
13	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 including carriage of material with in all leads and lifts.					

	12 way Double door (Hager,ABB,L&T make)	1.00	1945.00	Rupees One thousand nine hundred forty five only.	Each	1945
14	Earthing with G.I. earth pipe 4.5 meter long and 40 mm dia. including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal or coke salt) complete as required.	1.00	6277.00	Rupees Six thousand two hundred seventy seven only.	Per Set	6277
15	Supplying and laying 6SWG G.I. wire at 0.50 meter below ground level for earth electrode conductor including soldering etc. as required. Including carriage of material with in all leads and lifts.	30.00	71.00	Rupees Seventy one only.	Per Metre	2130
16	Providing, Installation, testing and commissioning of ceiling fan with 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:- (CromptonWWHE ISI mark/Usha-Technixplus BEE 3star/ Bajaj 3 Star rated model)					
16.01	Ceiling Fan 1200 mm sweep.	8.00	2872.00	Rupees Two thousand eight hundred seventy two only.	Each	22976
17	Supplying and fixing fan box made of M.S. sheet with iron rod Hook 12mm in place of junction box complete with Bakelite Round sheet as required.	8.00	44.00	Rupees Fortuy four only.	Each	352
18	Supplying and fixing LED Batten 20 watts PC Housing with polycarbonate diffuser and it should be compatible with specification CRI>80, 6500 K,length 1140X23X38 Beam angle120 degree suitable for input voltage130-270 volts 50 HZ, Surge rating upto 3 KV, complete with all accessories connections, testing and commissioning etc. as required (Panasonic PBTM02207BS/Philips/ Tisva make).	13.00	593.00	Rupees five hundred ninety three only.	Each	7709
19	Providing and fixing LED streetLight 30watts CCT 5700K ,CRI>80,Surge rating 5kv, IP 66 , input voltage140V-270v,50Hz,A.C.Supply with M.S.bracket 62 mm.dia with die cast aluminium housing with UV Stabilized PC IP diffuser on the existing pole including connections complete in all respects and best satisfaction of Engineer - in-charge at site (Panasonic Cat.NoPSTM27308XX/Philips/Wipro make)	2.00	4573.00	Rupees Four thousand five hundred seventy three only.	Each	9146
20	Supplying and fixing of sub main wiring with 10 sq.mm.weather proof twin core aluminium conductor cable on the G.I.bearer wire etc.as required. (Polycab,Havells,Finolex)	40.00	71.00	Rupees seventy one only.	P/mtr.	2840

21	Supplying and fixing LED Lamp 9 watts, 825 Lumens 240 volts AC supply 50 Hz in the existing batten holder, pendant holder, wall bracket & bulk head fitting etc. as required. (Philips Ace Saver HSN CODE 85395000/Tisva/Panasonic make)	6.00	151.00	Rupees One hundred fifty one only.	Each	906
G. Total:-						131772


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

DRAFT SCHEDULE OF QUANTITY				Job No. 10	Estimated Cost:- Rs. 4,00,813/-	
					Rs.8,000/-	
					Six Months.	
Name of work:- Replacement of E.I in Type-4 QTR 2 Nos. (Old BMO residence building) at RHTC Tauni Distt Hamirpur (H.P)						
Sr. No.	Description of Items	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 duty pvc conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.Make :-Anchor (Roma classic), L&T (Entice), Legrand (Myrius) pvc conduit Diplast, AKG, BEC, POLY India or its equivalent as approved by Engineer -In-Charge					
1.01	Group-B	60.00	1058.00	Rupees One thousand fifty eight only.	Each	63480
2	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed heavy duty pvc conduit, 2 way 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 (Roma classic), L&T(Entice), Legrand (Myrius) or its equivalent as approved by Engineer-In-Charge	4.00	1379.00	RupesOne thousand three hundred seventy nine only.	Each	5516
3	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) or its equivalent as approved by Engineer-In-Charge					
3.021	5/6 amp Modular switch.	10.00	76.00	Rupees Seventy six only.	Each	760
3.02	5 pin 5/6 amp socket outlet.	10.00	130.00	Rupees One hundred thirty only.	Each	1300
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.Make :-Anchor (Roma classic),L&T(Entice), Legrand (Myrius) or its equivalent as approved by Engineer-In-Charge.					
4.1	3 Module (100mmX75mm)	12.00	426.00	Rupees Fourhundred twenty six only.	Each	5112
5	Supplying and fixing suitable size GI box with modular plate and cover in FRLSont 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 classic),L&T(Entice), Legrand(Myrius) or its equivalent as approved by Engineer-In-Charge.	10.00	559.00	Rupees Five hundred fifty nine only.	Each	5590

6	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. Make:-Plaza,KEI,Finolex & pvc conduit pipe AKG,BEC, Diplast,Poly india or its equivalent as approved by Engineer-In-Charge.	120.00	199.00	Rupees One hundred ninety nine only.	Meter	23880
6.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	100.00	318.00	Rupees three hundred eighteen only.	Meter	31800
7	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed heavy class PVC conduit having wall thickness 2.0mm PVC conduit alongwith 1 No 4 sq.mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.Make:-Plaza,KEI,Finolex or its equivalent as approved by Engineer-In-Charge.					
8	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVCconduit as required. Make:- Finolex, KEI, Anchor, Plaza as approved by Engineer -in -charge .					
8.01	3 X 1.5 sq. mm	60.00	97.00	Rupees Ninety seven only.	Meter	5820
8.02	3 X 4 sq. mm	70.00	219.00	Rupees Two hundred nineteen only.	Meter	15330
9	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. Make:- Finolex, KEI, Anchor, Plaza as approved by Engineer -in -charge .					
9.01	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	8.00	575.00	Rupees Five hundred seventy five only.	Meter	4600
10	Supplying and fixing Ding Dong bell suitable for single phase, 230 volts, complete as required.	2.00	238.00	Rupees Two hundred thirty eight only.	Each	476
11	Providing, Installation, testing and commissioning of BLDC ceiling fan with 2 module socket type 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 Five star rating : Make:- Usha(Technoare BLDC with out remote),Bajaj,Crompton or its equivalent as approved by Engineer-in-charge (five year warranty)					
11.01	Ceiling Fan 1200 mm sweep	8.00	4360.00	Rupees Four thousand three hundred sixty only.	Each	34880
12	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(five year warranty). Make:- Usha(S.PH TURBO HDEF 900 RPM),Bajaj,Crompton or its equivalent as approved by Engineer-in-charge(Warranty five year)					

12.01	Exhaust Fan, (Heavy Duty), 300 mm sweep	1.00	4330.00	Rupees Four thousand three hundred thirty only.	Each	4330
13	Providing and installation exhaust fan of 300mm (Plastic body) 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 (five year warranty). Make:- Bajaj, Usha, Crompton or its equivalent as approved by Engineer-in-charge (with five year warranty)	4.00	2850.00	Rupees Two thousand eight hundred fifty only.	Each	11400
14	S/F louver and shutter for 300mm/350 mm on 12mm thick ply board as required complete in all respect	2.00	600.00	Rupees six hundred only.	Each	1200
15	Supply and fixing of IP20 Led fixture 2FT 10 W +/- 1W with Surface Mounted 4 Feet with aluminium housing and Polycarbonate diffuser minimum system efficacy of 100lm/W with P.F.>0.95 with THD<20%, CCT 6500 K, CRI 80, Surge Protection 2 Kv, IP20. The LED with Useful life of 50000 Hrs at L70. The Input voltage range shall be 150V to 270V, complete with all accessories, connections, testing and commissioning etc. as required. Make:- Philips/Wipro/ Osram/Jaquar/panasonic or or its equivalent as approved by Engineer-in-Charge. (five year warranty)	2.00	538.00	Rupees five hundred thirty eight only.	Each	1076
16	Supplying and fixing of LED 3 Watt fancy Bedside light of white colour with metal & synthetic material, complete with all accessories including making connections, testing etc. as required. Make PHILIPS ,wipro,Jaquar or its equivalent as approved by Engineer in charge .(five year warranty)	4.00	1771.00	Rupees One thousand seven hundred seventy one only.	Each	7084
17	Supplying and fixing of fancy wall bracket of chrome finish colour with opal glass diffuser made of mild steel, with single holder containing thread type LED lamp holder(s) of all sizes and shapes, complete with all accessories but excluding led lamp including making connections, testing etc. as required. Make PHILIPS (Model Grace) ,wipro, Philips or its equivalent as approved by Engineer in charge (five year warranty)	8.00	1200.00	Rupees One thousand two hundred only.	Each	9600
18	Supply and fixing of backlit non slim surface/recess led downlighter in 9 W +/- 1 W in Round Shape with minimum system lumen efficacy of 100 lm/W and minimum system lumens 900 lumen with Pressure Die cast Aluminium heat sink with and HET diffuser and polycarbonate mounting box P.F.>0.95 ,THD<10% ,CCT 5700K/4000K, CRI 80, UGR<23, IP20 protection. The LED with Useful life of 50000 Hrs at L70.. The Input voltage range shall be 150V to 270V .Fixture have Surge Protection 3kV .Driver .Make Philips/Wipro/Osram/Jaquar/panasonic or or its equivalent as approved by Engineer-in-Charge. (five year warranty)	4.00	1940.00	Rupees One thousand nine hundred forty only.	Each	7760

19	Supply and fixing of backlit non slim surface/recess led downlighter in 18 W +/- 1 W in Round Shape with with minimum system lumen efficacy of 100 lm/W and minimum system lumens 1800 lumen with Pressure Die cast Aluminium heat sink with and HET diffuser and polycarbonate mounting box P.F.>0.95 ,THD<10%, CCT 5700K/4000K, CRI 80, UGR<23,IP20 protection.The LED with Useful life of 50000 Hrs at L70.. The Input voltage range shall be 150V to 270V. Fixture have Surge Protection 3kV. Driver , complete with all accessories, connections, testing and commissioning etc.as required. Make Philips/ Wipro/ Osram/Jaquar/panasonic or or its equivalent as approved by Engineer-in-Charge.(five year warranty)	22.00	2812.00	Rupees Two thousand eight hundred twelve only.	Each	61864
20	Supplying and fixing of bulk head fitting LED 12 watt 6500k (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 -Panasonic (CAT NO PBHM02127WIPRO/PHILIPS , or its equivalent as approved by Engineer-in-Charge	2.00	822.00	Rupees Eight hundred twenty two only	Each	1644
21	Supply and fixing of IP40 Led fixture 40 W +/- 1W with Surface Mounted 4 Feet with Polycarbonate diffuser with aluminium housing having minimum system lumen efficacy of 110 lm/W with minimum system lumen output 4400 lumens with P.F.>0.95 with THD<10%, CCT 5700K, CRI 80, Surge Protection 3 Kv .The LEDs with minimum life of 50000 burning hours. The Input voltage range shall be 150V to 270V. complete with all accessories, connections, testing and commissioning etc.as required. Make Philips/Wipro/Osram/Jaquar/panasonic or or its equivalent as approved by Engineer-in-Charge.(five year warranty)	4.00	2704.00	Rupees Two thousand seven hundred four only.	Each	10816
22	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes by means of expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, making good the damages, electrical connections, testing etc. complete as required:-Make:- Usha (Model 25 L SWH MISTY WITH KIT), Bajaj Recold or its equivalent as approved by Engineer-in-charge.(Five year warranty)					
22.01	Geyser 25 ltr	2.00	12557.00	Rupees Twelve thousand five hundred fifty seven only	Each	25114
22.02	Geyser 15 ltr	2.00	10973.00	Rupees Ten thousand nine hundred seventy three only.	Each	21946
23	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 Cat. No. (CM930070000AG),legrand,Hager , Schneider or its equivalent as approved by Engineer-in -charge.					
23.01	Single pole	22.00	263.00	Rupees Two hundred sixty three only.	Each	5786

24	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 (five year warranty):- Make :-L&T, Legrand, Hager, Schneider or its equivalent as approved by Engineer-in -charge.	2.00	1195.00	Rupees One thousand one hundred ninety five only.	Each	2390
25	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 milli amperes in the existing MCB DB complete with connections, testing and commissioning etc. as required (five year warranty). Make:-L&T, Legrand, Hager, Schneider or its equivalent as approved by Engineer-in -charge.					
25.01	63 amp, double pole, (single phase and neutral)	2.00	3662.00	Rupees Three thousand six hundred sixty two only.	Each	7324
26	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 (five year warranty). Make:- L&T Cat. No. (CM930070000AG) Legrand, Hager, or its equivalent as approved by Engineer-in -charge. make:-L&T, Legrand, Hager, Schneider or its equivalent as approved by Engineer-in -charge.					
26.01	16 way, Double door	2.00	3017.00	Rupees three thousand seventeen only.	Each	6034
27	Earthing with copper earth plate 600 mmx600 mmx 3 mm thick, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (with charcoal or coke and salt) complete as required.	1.00	13838.00	Rupees thirteen thousand eight hundred thirty eight only	Each	13838
28	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing	15.00	155.00	Rupees One hundred fifty five only.	Meter	2325
29	Providing and fixing 4.00 mm dia copper wire in 15 MM dia GI pipe for loop earthing	2.00	369.00	Rupees three hundred sixty nine only.	Meter	738
G. Total:-						400813


 Executive Engineer,
 Electrical Division,
 HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY				Job No. 11		Estimated Cost:- Rs. 1,13,668/-
						Earnest Money:- Rs. 2,300/-
						Time Limit:- Six Months.
Name of work :-Replacement old and damaged accessories switchgear and E.I in old Technical University Hamirpur (SH:- Two nos. rooms for Himachal Pradesh Transport Appellate Tribunal Hamirpur)						
Sr. No.	Description of Items	Qty.	Unit	Rate In Fig.	In Words.	Amount
1	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, Plaza Finolex or its equivalent as approved by Engineer-In-Charge					
1.01	S/D 3 X 1.5 sq. mm	80.00	MTR	97.00	Rupees Ninety seven only.	7760
1.02	S/D 3 X 4 sq. mm	30.00	MTR	219.00	Rupees Two hundred nineteen only.	6570
1.03	S/D 3X 10 sq. mm	5.00	MTR	558.00	Rupees Five hundred fifty eight only.	2790
2	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.					0
2.01	5/6 amps switch	20.00	Each	29.00	Rupees Twenty nine only.	580
2.02	15/16 A switch	6.00	Each	100.00	Rupees One hundred only.	600
2.03	3 pin 5/6 A socket outlet	15.00	Each	54.00	Rupees Fifty four only.	810
2.04	6 pin 15/16 A socket outlet	6.00	Each	108.00	Rupees One hundred eight only.	648
2.05	Bell push	1.00	Each	57.00	Rupees fifty seven only.	57
3	Supplying and fixing RJ 45 JACK including connections2 module modular plate etc. as required	2.00	Each	646.00	Rupees Six hundred forty six only.	1292
4	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.	1.00	Each	210.00	Rupees Two hundred ten only.	210
5	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 FRLSont 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.	1.00	Each	316.00	Rupees three hundred sixteen only.	316
6	Supplying and fixing call bell buzzer suitable for single phase, 230 volts, complete as required.	1.00	Each	78.00	Rupees Seventy eight only.	78
7	Supplying and fixing Ding Dong bellsuitable for single phase, 230 volts, complete as required.Make L&T ,Legrand, SCHNEIDER or its equivalent as approved by Engineer-In-Charge	1.00	Each	238.00	Rupees Two hundred thirty eight only.	238
8	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/recessed steel/ PVC conduit as required.	20.00	Mtr	49.00	Rupees forty nine only.	980

9	Supplying and fixing of following sizes of PVC conduit 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 ,polyfitor its equivalent as approved by Engineer-In-Charge						0
9.01	25 mm	35.00	Mtr	101.00	Rupees One hundred one only.	3535	
10	Supplying and fixing following type surface round type LED downlight ,6000k , 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 Panasonic,Wipro Philips or its equivalent as approved by Engineer-In-Charge(Five year warranty)						0
10.01	12W	1.00	Each	848.00	Rupees Eight hundred forty eight only.	848	
10.02	18W	6.00	Each	1262.00	Rupees One thousand two hundred sixty two only.	7572	
11	Supplying and fixing Loaded Wall- Wall Mount 2u Dimensions-5540-GR-DVR wall rack 2U-400D ,Unloaded Mounting Rail with U-Marking welded Side walls !U Cable Manager (1) Hardware Packet (1Pkt)3 socket 5amp .power distribution Unit(INO) .Make:- D-Link(CAT NO NWR-2U-5540-GR-DVR), Cisco, Digi link or its equivalent as approved by Engineer-in-Charge.						2441
12	Supplying and fixing D- link DGS-1016A 16-port 10/100/1000 Base - T Unmanaged standalone gigabit switch in desk top (green ethernet) for getting blazing speed of giga bite that delivers power performance and reliability i.e increasing the speed of net work server in large in switching protocol storing and forwarding as required .Make:- D-Link(Code No DGS-1016A) DigiLink, Cisco/ or its equivalent as approved by Engineer-in-Charge.						7157
13	Providing and fixing 100 amp rating and breaking capacity 25 ka MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as requiredMake L&T ,Legrand, SCHNEIDER or its equivalent as approved by Engineer-In-Charge						12222
14	Supplying and fixing 4 pole MCCB Enclosure with all accessories including connections, , as required Make L&T ,Legrand, SCHNEIDER or its equivalent as approved by Engineer-In-Charge						1631
15	Supplying and fixing copper strip bus-bars suitable for 100 Amp. 415 volts capacity 4 No. each of cross-sectional area (25.4mmx3.17mm),in the existing enclosure with all accessories including connections etc. as required:-						2605.95

16	Supplying and erection of following depth sheet metal cubical pedestal of suitable dimensions with plus-minus 5 cm variation made from (50 mm x 50 mm x 6 mm thick) M.S. angle iron frame, covered with 1.6 mm thick M.S. sheet duly welded on five sides & front side hinged, complete with locking arrangement with sufficient No. vertical and horizontal intermediate switchgear supporting members each of M.S. flat 50mmx6mm thick of suitable length duly welded. The cubical pedestal shall have cable entry box at one or two sides and 4 No. legs of 50mmx50mmx6mm thick M.S. angle iron each 60 cm long including, powder coated painting and bonding to the existing earth etc., the same shall be erected in the 1:2:4 cement concrete plat-form of suitable dimensions 15 cm high from ground level and 45 cm thick. The cubical pedestal shall be 15 cm from the top of cement concrete plat-form:-The panel should be approved /Tested from the CPRI lab & should confirmed to ISI: 64139 I) 300 mm Deep	0.30	Sq/mtr	17766.00	Rupees Seventeen thousand seven hundred sixty six only.	5329.8
17	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, SCHNEIDER or its equivalent as approved by Er-In-Charge					0
17.01	Single pole	3.00	each	262.00	Rupees Two hundred sixty two only	786
18	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:-	1.00	each	1195.00	Rupees One thousand one hundred ninety five only.	1195
19	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current 100 milli amperes in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make L&T, Legrand, SCHNEIDER or its equivalent as approved by Er-In-Charge					0
19.01	63 amp	1.00	each	3662.00	Rupees Three thousand six hundred sixty two only.	3662
20	Providing and fixing of following type surface mounted Luminaire LED batten Watt ,having high Quality design aluminium extruded decorative end caps with five year warranty and it should be compatible with specification i.e. Power Factor >.9, Harmonic Distortion >15% 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 or its equivalent as approved by Engineer-In-Charge	4.00	each	753.00	Rupees Seven hundred fifty three only.,	3012
20.01	10 watt	1.00	Each	363.00	Rupees three hundred sixty three only.	363
20.02	24 watt	1.00	Each	595.00	Rupees Five hundred ninety five only.	595
20.03	36 watt	9.00	Each	1115.00	Rupees One thousand one hundred fifteen only.	10035

22	Providing and installation exhaust fan of 300 mm (Plastic body) 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 or its equivalent as approved by Engineer-in-charge (Five year warranty)	1.00	Each	2850.00	Rupees Two thousand eight hundred fifty only.	2850
23	Providing and installation exhaust fan of 300 mm (Light Duty) 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, havelis, bajaj or its equivalent as approved by Engineer-In-Charge	1.00	Each	2169.00	Rupees Two thousand one hundred sixty nine only.	2169
24	Supplying and fixing exhaust fan louver shutter for 300 mm exhaust fan on the existing wall, painting etc. as required.	1.00	Each	650.00	Rupees six hundred fifty only.	650
25	Providing, Installation, testing and commissioning of ceiling fan with socket type 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:- Usha (TECHNIX PLUS), Bajaj, Crompton or its equivalent as approved by Engineer-in-charge	5.00	Each	3459.00	Rupees three thousand four hundred fifty nine only.	17295
26	Supplying and fixing batten/angle holder including connection etc. as required.	4.00	Each	47.00	Rupees forty seven only.	188
27	Supplying and fixing LED Lamp 9 watts 6500 K E-27, 900 Lumens 240 volts AC supply 50 HZ in the existing batten holder, pendant holder, wall bracket & bulk head fitting etc. as required. Make TISVA (Cat no AL916611X), wipro, Philips or equivalent Make :- Tisva, Panasonic Philips or its equivalent as approved by Engineer-In-Charge (Five year warranty)	4.00	Each	138.00	Rupees One hundred thirty eight only.	552
28	Providing and fixing of following sizes of PVC casing and capping on surface as required:- Make :- Diplast polyfitor its equivalent as approved by Engineer-In-Charge					0
28.01	20 mm x 12 mm	30.00	Mtr.	40.00	Rupees forty only.	1200
29	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:- Finolex, KEI, Plaza or its equivalent as approved by Engineer-in-charge.					0
29.01	Armoured cable 35 sqmm (3.5 core)	5.00	Mtr.	511.00	Rupees Five hundred eleven only.	2555
30	Supplying and fixing ceiling rose sheet on the existing junction box including round pvc sheet connections etc. as required.	5.00	Each	38.00	Rupees thirty eight only.	190
31	Supplying and fixing PVC round sheet on the existing junction box including screw etc. as required.	5.00	Each	20.00	Rupees Twenty only.	100
G.Total:-						113668


Executive Engineer,
Electrical Division,
HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY					Job No. 12		
					Estimated Cost:-	Rs. 1,47,676/-	
					Earnest Money:-	Rs. 3,000/-	
					Time Limit:-	Six Months.	
Name of work:- Providing special repair of EI in room no. 201 at Mini sectt and strong rooms, counting hall in boys school Hamirpur Distt. Hamirpur (HP)							
Sr. No.	Description of Items	Quantity	Rate Fig.	In Words.	Unit	Amount	
1	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm.FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel conduit including dismantling as required.						
1.01	Group C	11.00	788.00	Rupees Seven hundred eighty eight only.	Each	8668	
2	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.						
2.01	5/6 amps switch	13.00	29.00	Rupees Twenty nine only.	Each	377	
2.02	3 pin 5/6 amp socket outlet	3.00	54.00	Rupees Fifty four only.	Each	162	
3	Supplying and fixing Computer board having 1 no G.I module Box 12 module, 1 no 12 module modular base & cover plate , 3 nos 5 amp switches,3 nos 5 amp sockets ,1 no 15/16 amp switch ,1 no 15 amp mod socket, including connections etc as required.	7.00	1671.00	Rupees One thousand six hundred seventy one only.	Each	11697	
4	Supplying and fixing metal 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 2 nos. 3 pin 5/6 amps Piano socket outlets and 2 nos 5/6 amps Piano switches, connection, painting etc. as required.	3.00	307.00	Rupees three hundred seven only.	Each	921	
5	Supplying and fixing metal 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.	7.00	354.00	Rupees three hundred fifty four only.	Each	2478	
6	Supplying and fixing PVC box of 200mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLSont 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.	8.00	430.00	Rupees four hundred thirty only.	Each	3440	

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/ont 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.	2.00	275.00	Rupees Two hundred seventy five only.	Each	550
8	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	3.00	291.00	Rupees two hundred ninety one only.	Each	873
8.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	68.00	190.00	Rupees One hundred ninety only.	Mtr.	12920
8.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	30.00	308.00	Rupees three hundred eight only.	Mtr.	9240
8.03	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	35.00	529.00	Rupees Five hundred twenty nine only.	Mtr.	18515
8.04	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	2.00	431.00	Rupees four hundred thirty one only.	Mtr.	862
8.05	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	25.00	571.00	Rupees Five hundred seventy one only.	Mtr.	14275
9	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVCconduit as required.					
9.01	2 X 1.5 sq. mm	90.00	68.00	Rupees Sixty eight only.	Mtr.	6120
9.02	3 X 1.5 sq. mm	30.00	97.00	Rupees Ninety seven only.	Mtr.	2910
9.03	2 X 4 sq. mm	20.00	152.00	Rupees One hundred fifty two only.	Mtr.	3040
10	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/recessed steel/ PVC conduit as required.					
10.01	4 pair UTP CAT 6- 1 run of Cable	95.00	53.00	Rupees fifty three only.	Mtr.	5035
11	Supplying and fixing of following sizes of PVC conduit 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.					
11.01	25 mm	25.00	113.00	Rupees One hundred thirty only.	Each	2825
12	Supplying and fixing Aluminium batten LED 36 watt, 6000k, (Five YEAR WARRANTY) 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 (Model -PBTM08367)/Philips,Panasonic or its equivalent as approved by Engineer-in-Charge	8.00	1110.00	Rupees One thousand one hundred ten only.	Each	8880
13	Supplying and fixing 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					
13.01	8 way, Double door	1.00	1892.00	Rupees One thousand eight hundred ninety two only.	Each	1892

13.02	12 way Double door	1.00	2257.00	Rupees Two thousand two hundred fifty seven only.	Each	2257
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.					
14.01	Single pole	17.00	263.00	Rupees Two hundred sixty three only.	Each	4471
15	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:-	2.00	1195.00	Rupees One thousand one hundred ninety five only.	Each	2390
16	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 milli amperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.	1.00	2920.00	Rupees Two thousand nine hundred twenty only.	Each	2920
17	Supplying and fixing D-link DGS-1100- 8port 10/100/1000Mbps L2managed standalone gigabit switch in desk top (green ethernet) for getting blazing speed of giga bite that delivers power performance and reliability i.e increasing the speed of net work server in large in switching protocol storing and forwarding as required .Make:- D-Link(Code No DGS-1100-16V2) Digilink, Cisco/ or its equivalent as approved by Engineer-in-Charge.	1.00	2933.00	Rupees Two thousand nine hundred thirty three only.	Each	2933
18	Supplying and fixing Loaded Wall- Wall Mount 2u Dimensions 44 X57 X20 CM Front Glass Door (tinted,toughened) with LOCK &KEY, 2PAIRS OF 19" Mounting Rail with U-Marking welded Side walls !U Cable Manager (1) Hardware Packet (1Pkt)3 socket 5amp .power distribution Unit(1NO) .Make:- D-Link(CAT NO NMR-2U-5540-GR-DVR). Cisco, Digi link or its equivalent as approved by Engineer-in-Charge.	1.00	2671.00	Rupees Two thousand six hundred seventy one only.	Each	2671
19	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 thedamages, connections, testing and commissioning etc. as required: Make:- Usha(AEROCLEAN PLUS DBB).Bajaj,Crompton or its equivalent as approved by Er-in-charge					
19.01	230 mm	2.00	2171.00	Rupees two thousand one hundred seventy one only.	Each	4342

20	Supplying and fixing Aluminium batten LED 20 watt, 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:- panasonic (Model -PBTM18203)/Philips , Jaquar or its equivalent as approved by Engineer-in-Charge (Five YEAR WARRANTY)	5.00	452.00	Rupees four hundred fifty two only.	Each	2260
21	Providing and installation of following size of LED retrofit Lamp B-22 holder base with polycarbonate diffuser and aluminium heat sink including connections, testing and commissioning etc. as required.:Make TISVA.wipro.Philips or its equivalent as approved by Engineer-in-Charge					
21.01	9 watt	8.00	138.00	Rupees One hundred thirty eight only.	Each	1104
21.02	12 watt	10.00	209.00	Rupees Two hundred nine only.	Each	2090
22	Providing and installation of following type holder base with polycarbonate diffuser and aluminium heat sink including connections, testing and commissioning etc. as required.					
22.01	batten holder	4.00	47.00	Rupees forty seven only.	Each	188
22.02	pendent holder	15.00	41.00	Rupees Forty one only.	Each	615
23	Supply and fixing extension board having 4 nos 5 amp switch and 5 amp socket outlet complete in all repeat as required	4.00	338.00	Rupees three hundred thirty eight only.	Each	1352
24	Supply and fixing flexible wire 40/.076" complete in all respect as required.	3.00	350.00	Rupees three hundred fifty only.	P/coil	1050
25	Supplying and fixing two module stepped type electronic fan regulator on the existing switch box including connections but excluding modular plate etc. as required.	3.00	291.00	Rupees two hundred ninety one only.	Each	873
26	Supply and fixing wether proof aluminium wire size 2x6 sqmm complete in all respect as required.	32.00	15.00	Rupees Fifteen only,	Mtr.	480
G.Total						147676


Executive Engineer,
Electrical Division,
HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY

JOB NO. 13

Estimated cost:- 1,35,146/-
Earnest money:- 2,700/-
time Limit:- Six Months.

Name of work :- Servicing of Diesel Generator sets CUMMINS (SUDHIR) make 25 KVA ,50KVA,62.5 KVA,100 KVA& 250 KVAmake at Dr. RKGMC Hamirpur Distt Hamirpur .						
Sr. No.	Description of items	Quantity	Rate In fig.	In words.	Unit	AMOUNT
1	Servicing of Diesel Engine SUDHIRMake 25KVA Diesel Generator with replacement of K oil Premium 8 ltr can, OIL FILTER,SEPARATOR FUEL FILTER for COOLENT 2LTR COMPLETE lubricating oil ,primar etc as required complete in all respect . (Service is to be done through authorised dealer of Cummins)	1.00	13591.00	Rupees thirteen thousand five hundred ninety one only.	P/job	13591
2	Servicing of Diesel Engine SUDHIRMake 50KVA Diesel Generator with replacment of Element ,lub oil filter, Separator,Fuel Water, coolant, foil,Sealed Test Stripcc2602B, Kit ,AirCleaner Element(b3.34B,6B),volvoline premium blue 7800 pluse etc as required complete inall respect (Service is to be done through authorised dealer of Cummins)	1.00	18703.00	Rupees eighteen thousand seven hundred three only	P/job	18703
3	Servicing of Diesel Engine SUDHIRMake 50KVA Diesel Generator with replacement of Element ,lub oil filter, Separator,Fuel Water, coolant, foil,Sealed Test Stripcc2602B, Kit ,AirCleaner Element(b3.34B,6B),volvoline premium blue 7800 pluse etc as required complete inall respect (Service is to be done through authorised dealer of Cummins)	1.00	18703.00	Rupees Eighttee thousand seven hundred three only.	P/job	18703
4	Servicing of Diesel Engine SUDHIRMake 50KVA Diesel Generator with replacement of Element ,lub oil filter, Separator,Fuel Water, coolant, foil,Sealed Test Stripcc2602B, Kit ,AirCleaner Element(b3.34B,6B),volvoline premium blue 7800 pluse etc as required complete inall respect (Service is to be done through authorised dealer of Cummins)	1.00	29547.00	Rupees Twenty nine thousand five hundred forty seven only.	P/job	29547
5	Servicing of Diesel Engine SUDHIRMake 250KVA with replacement of LUB oil FILTER,Fuel filter,Inhibtor corrosion,foil sealed test strips,Fuel Filter, Volvoline Premium BLUE7800 plus etc as required complete (Service is to be done through authorised dealer of Cummins)	1.00	54602.00	Rupees Fifty four thousand six hundred two only.	P/job	54602
G.Total:-						135146

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

DRAFT SCHEDULE OF QUANTITY				Job No. 14		Estimated Cost:- Rs. 1,27,868/-	
						Earnest Money:- Rs. 2,600/-	
						Time Limit:- Six Months.	
Name of work:- Replacement of damaged accessories and E.L. in various Residential Govt. buildings i.e ACJM Residence PWD Colony PWD Colony Type II Type III ,Additional District & Sessions Judge residence matani, pooled colony type IV under ESD Hamirpur District Hamirpur (H.P.)							
Sr. 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 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						
1.01	Group c	19.00	Each	1106.00	rupees One thousand one hundred six only.	21014	
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 having wall thickness minimum 2.0 mm as required.Make:-Plaza,KEI, Finolex or its equivalent as approved by Er-In-Charge						
2.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	40.00	Meter	199.00	Rupees One hundred ninety nine only.	7960	
2.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	25.00	Meter	318.00	Rupees three hundred eighteen only.	7950	
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:-Plaza,KEI, Finolex or its equivalent as approved by Er-In-Charge						
3.01	3 x 1.5 sq. mm	51.00	Meter	97.00	Rupees Ninety seven only.	4947	
3.02	3 x 4 sq. mm	35.00	Meter	219.00	Rupees Two hundred nineteen only.	7665	
4	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.						
4.01	5/6 amp switch	12.00	Each	29.00	Rupees Twenty nine only.	348	
4.02	5 pin 5/6 amp socket outlet	3.00	Each	54.00	Rupees fifty four only.	162	
5	Supplying and fixing plastic 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.	17.00	Each	187.00	Rupees One hundred eighty seven only	3179	
6	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLSont 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.	3.00	Each	275.00	Rupees Two hundred seventy five only.	825	

7	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	6.00	Each	350.00	Rupees three hundred fifty only.	2100
8	Supplying and fixing of following sizes of heavy class PVC Conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed as required Diplast/BEC/Polyfit or its equivalent as approved by Er-In-Charge					
8.01	25 mm	30.00	Mtr.	109.00	Rupees One hundred nine only.	3270
9	Providing and installation exhaust fan of 300mm (Plastic body) 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 or its equivalent as approved by Er-In-Charge(with three year warranty)	2.00	Each	2850.00	Rupees Two thousand eight hundred fifty only.	5700
10	Supplying and fixing exhaust fan louver shutter for 300 mm. exhaust fan on the existing wall, painting etc, as required.	3.00	Each	650.00	Rupees Six hundred fifty only.	1950
11	Providing, Installation, testing and commissioning of ceiling fan, including 2 module Step type fan regulator 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 fan box, phenolic laminated sheet cover on the fan box and earthing etc. as required. Make:- Usha(TECHNIX PLUS/Bajaj, Crompton or its equivalent as approved by Er-In-Charge					
11	Ceiling Fan 1200 mm sweep	2.00	Each	3440.00	Rupees Three thousand four hundred forty only.	6880
12	Providing and Installation of Wall mounting fan of 400 mm sizes i/c hang the same in position on the wall, connections, testing and commissioning etc. as required with best satisfaction of Engineer in charge. Make:- Usha(MIST AIR DUSOS/ICY), Bajaj, Crompton or its equivalent as approved by Er-In-Charge(Five year warranty)	1.00	Each	3104.00	Rupees three thousand one hundred four only.	3104
13	Supplying and fixing following type surface round type LED downlight, 6000k, 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 Panasonic, Wipro Philips or its equivalent as approved by Er-In-Charge(Five year warranty)					
13	18W	16.00	Each	1094.00	Rupees One thousand ninety four only.	17504
14	Supplying and fixing batten/ angle holder including connection etc. as required. Make :-Anchor (Roma classic), L&T(Entice), Legrand(Myrius) or its equivalent as approved by Er-In-Charge	1.00	Each	59.00	Rupees fifty nine only.	59
15	Supplying and fixing LED Lamp 9 watts 6500 K E-27, 900 Lumens 240 volts AC, supply 50 HZ in the existing batten holder, pendant holder, wall bracket & bulk head fitting etc, as required. Make TISVA (Cat no AL916611X), Wipro, Philips or equivalent Make :-Tisva, Panasonic Philips or its equivalent as approved by Er-In-Charge(Five year warranty)	6.00	Each	138.00	Rupees One hundred thirty eight only.	828

16	Providing and fixing of following watt surface mounted Luminaire LED batten ,having high Quality design aluminium extruded decorative end caps and it should be compatible with specification i.e. Power Factor > .9, Harmonic Distortion < 10% and efficiency > 100 umens 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 or its equivalent as approved by Er-In-Charge(Five year warranty)						
16	24 watt	10.00		595.00	Rupees Five hundred ninety five only.	5950	
16	36 watt	2.00		1115.00	Rupees One thousand one hundred fifteen only.	2230	
17	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of pole Double pole in the existing MCB DB complete with connections etc. as required:-Make L&T, Schneider, ABB or its equivalent as approved by Engineer-in -charge.	1.00	Each	1195.00	Rupees One thousand one hundred ninety five only.	1195	
18	Supplying and fixing 40 amp rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current 30 milli amperes in the existing MCB DB complete with connections, testing and commissioning etc. as required:-Make L&T, Schneider, ABB or its equivalent as approved by Engineer-in -charge.	3.00	Each	2960.00	Rupees Two thousand nine hundred sixty only.	8880	
19	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, Schneider, ABB or its equivalent as approved by Engineer-in -charge.	2.00	Each	263.00	Rupees Two hundred sixty three only.	526	
20	Supplying and fixing of fancy wall bracket of poly carbonate, with single holder containing thread type LED lamp holder(s) of all sizes and shapes, complete with all accessories but excluding led lamp including making connections, testing etc. as required:-Make havells, wipro, Philips or equivalent make (Five year warranty)	4.00	Each	732.00	Rupees Seven hundred thirty two only.	2928	
21	Providing and installation of stationary storage type Electric water heater (Geyser) of 25 liters capacity various sizes by means of expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, making good the damages, electrical connections, testing etc. complete as required:-Make:-Usha, Bajaj, Recold or its equivalent as approved by Engineer-in -charge.(Five year warranty)	1.00	Each	10714.00	Rupees Two thousand seven hundred fourteen only.	10714	
G.Total							127868


Executive Engineer,
Electrical Division,
HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY									
				Job No. 15					
						Estimated Cost:-			
						Earnest Money:-			
						Time Limit:-			
						Six Months.			
Name of Work:-C/O Combined office building at Nadaun Distt Hamirpur (SH:- Providing AC's in conference hall at 5th floor therein.)									
Sr. No.	Description	Quantity	Unit	Rate	In fig.	In words.	Amount		
1	Supplying and fixing 1.8/2.0 ton inverter split type air conditioner Hot and Cold with voltage stabilizer 150 V TO 290 V, advanced filter ,E saver mode , quit mode, dual display, auto clean ,anti bacteria filter ,jet Cool on/off timer sleep mode compressor cord less remote complete in all respect as per comprising to ISI with latest amendment suitable to operate on 230 volt /240 volt +_ 10 % AC supply capable to perform the function of cooling dehumidification air circulation ventilation and fitting in size of nominal cooling capacity and drain pipe 20 mm dia approximately 3mtrs long 2 nos copper pipe with insulator for inlet and outlet approximatey 3 mtrs long and M.S power coated frame /stand for erection of out door unit of split type A.C including carrigae of material with in all leads and lift. Make -Daikin (model: FTH160), O Genral/Mitsubsi or equivalent as approved by the Engineer Charge.	2.00	Each	80913.00		Rupees Eighty thousand nine hundred thirteen only.	161826		
2	Supplying and fixing of following sizes of heavy class PVC conduit having wall thickness 2.0mm 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..Diplast/BEC/Polyfit or its equivalent as approved by Er-In-Charge								
2.01	20 mm	50.00	Mtr	97.00		Rupees Ninety seven only.	4850		
3	Supplying and drawing copper conductor 3 core 2.5 Sqmm industrial cables & PVC insulated, PVC round sheathed multicore industrial Cables as required complete in all respect.	30.00	Mtr	158.00		Rupees One hundred fifty eight only.	4740		
4	Supplying and fixing of DLP 105x50 mmPVC adaptable trunking on the exiting wall at required height from lower level for power connection, light connection and net working connection including partition chip flexible cover end cap .Make:-Legrand ,MK or its equivalent as required complete in all respect .	20.00	Mtr	1350.00		Rupees One thousand three hundred fifty only.	27000		
5	Providing, laying and fixing of interconnecting copper piping with Nitrile tublar insulation AC indoor to outdoor for split type 1.8/2.0 tr AC as required complete in all respect.	25.00	Mtr	1300.00		Rupees One thousand three hundred only.	32500		
6	Dismantal and Reinstallation all type of air conditioner complete in all respect as required	4.00	Each	3000.00		Rupees thousand only.	12000		

7	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 minimum 2.0 mm as required. Make:-Plaza,KEI,Finolex or its equivalent as approved by Eir-In-Charge						
7.01	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	30.00	Meter			Rupees three hundred three only.	9090
8	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, Schneider, ABB or its equivalent as per best satisfaction of Engineer-in-charge.						0
8.01	Single pole	2.00	Each			Rupees Two hundred sixty three only.	526
9	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of pole Double pole in the existing MCB DB complete with connections etc. as required. Make L&T, Schneider, ABB or its equivalent as approved by Engineer-in-charge.	1.00	Each			Rupees One thousand one hundred ninety five only.	1195
10	Supplying and fixing 40 amp rating, double pole, (single phase and neutral), 240 volts, residual current circuit breaker (RCCB), having a sensitivity current 100 milli amperes in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make L&T, Schneider, ABB or its equivalent as approved by Engineer-in-charge.	1.00	Each			Rupees Two thousand nine hundred sixty only.	2960
11	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess i/c providing and fixing 25 amp modular socket outlet and 25 Amps modular SP MCB, "C" curve including connection, painting etc. as required. Make L&T, Schneider, ABB or its equivalent as approved by Engineer-in-charge.	2.00	Each			Rupees Six hundred ninety six only.	1392
12	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, Schneider, ABB or its equivalent as approved by Engineer-in-charge.						
12.01	MCB DB 8 WAY Double Door	1.00	Each			Rupees One thousand eight hundred ninety two only.	1892
G. Total:-							259971


Executive Engineer,
Electrical Division,
HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY				Job No. 16		Estimated cost:-Rs. 1,11,144/-	
						Earnest money:- Rs. 2,300/-	
						Time Limit:- Six Months.	
Name of work :- Replacement of Main Panel in Rest House Sujanpur and street light in rest House Samipur Distt Hamirpur H.P.							
Sr. No.	Description of Items	Quantity	Rate fig.	In Words.	Unit	Amount	
1	Supplying and erection of following depth sheet metal cubical pedestal of suitable dimensions with plus-minus 5 cm variation made from (50 mm x 50 mm x 6 mm thick) M.S. angle iron frame, covered with 1.6 mm thick M.S. sheet duly welded on five sides & front side hinged, complete with locking arrangement with sufficient No. vertical and horizontal intermediate switchgear supporting members each of M.S. flat 50mmx6mm thick of suitable length duly welded. The cubical pedestal shall have cable entry box at one or two sides and 4 No. legs of 50mmx50mmx6mm thick M.S. angle iron each 60 cm long including, powder coated painting and bonding to the existing earth etc., the same shall be erected in the 1:2:4 cement concrete plat-form of suitable dimensions 15 cm high from ground level and 45 cm thick. The cubical pedestal shall be 15 cm from the top of cement concrete plat-form:-The panel should be approved /Tested from the CPRI lab.& should confirmed to IEC: 64139 I) 300 Deep.	1.26	17766.00	Rupees Seventeen thousand seven hundred sixty six only.	Each	22385	
2	Supplying and fixing of Voltmeter L&T flush mounting 96x96 mm inbuilt selector switch CT/PT site programmabe accuracy Class 1.0,0.5 complete with connection ;testing and commissioning etc as required(five year warranty). Make:-L&T,Legrand,Haggar , Schneider or its equivalent as approved by Engineer-in -charge.	1.00	1426.00	Rupees One thousand four hundred twenty six only.	Each	1426	
3	Supplying and fixing of Ammeter L&T flush mounting 96x96 mm inbuilt selector switch CT/PT site programmabe accuracy Class 1.0,0.5 complete with connection ;testing and commissioning etc as required(five year warranty).Make:-L&T,Legrand,Haggar , Schneider or its equivalent as approved by Engineer-in -charge.	1.00	1426.00	Rupees One thousand four hundred twenty six only.	Each	1426	
4	S/F indicator set RY & B with 3 Nos Kit kat (LED type) to shown the three indicating in the existing pannel complete etc as required.	1.00	500.00	Rupees Five hundred only.	Each	500	
7	supplying and fixing CT coil 500/5 amp with burden of VA 15 accuracy class -1 Make:- Automatic Electric Ltd, L&T, Legrand or its equivalent as approved by E-in- charge.	3.00	419.00	Rupees four hundred nineteen only.	Each	1257	
8	Providing and laying of one number additional PVC insulated and PVC sheathed armoured / XLPE power cable of 1.1 KV grade of following size on surface .-Make:-KEI,POLYCAB, PLAZA or its equivalent as approved by Er-in-charge						

8.1	Armoured cable 35 sq. mm (3.5 core)	20.00	538.00	Rupees Five hundred thirty eight only.	Meter	10760
9	Supplying and fixing of 4 pole MCCB 160 Amp Ics = 100% ICU, 25KA & @ 415 volts, 50 Hz with thermal magnet in release complete with connection, testing and commissioning etc as required (Five year warranty). Make:- L&T, Legrand, Hager, or its equivalent as approved by Engineer-in -charge.					
9.1	160 A, 25 KA.	1.00	18526.00	Rupees eighteen thousand five hundred twenty six only.	Each	18526
10	Providing and fixing 160 AMP , four pole, 415 volts, On-Load change over switch in cubical panel front handle operation, including drilling holes in the cubical, making connections, etc. as required(five year warranty). Make:- L&T ,Legrand,Hager , or its equivalent as approved by Engineer-in -charge.	1.00	9529.00	Rupees Nine thousand five hundred twenty nine only.	Each	9529
11	Supplying and fixing copper strip bus-bars suitable for 200 Amp. 415 volts capacity 4 No. each of cross-sectional area (31.75 mmx6.35mm),in the existing enclosure with all accessories including connections etc. as required.	1.00	9250.00	Rupees Nine thousand two hundred fifty only.	Meter	9250
12	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve,minature 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 Cat. No. (CM930070000AG),legrand,Hager , Schneider or its equivalent as approved by Engineer-in -charge.					
12.01	Single pole	6.00	263.00	Rupees Two hundred sixty three only.	Each	1578
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(five year warranty):-Make :-L&T,Legrand,Hager , Schneider or its equivalent as approved by Engineer-in -charge.	1.00	1195.00	Rupees One thousand one hundred ninety five only.	Each	1195
14	Supplying and fixing street light LED 45 watt 5700k,excluding G.I Bracket 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(Five YEAR WARRANTY). Make - Panasonic (Model -PSTM23457)/Philips/wipro or its equivalent as approved by Engineer-in-Charge.	3.00	2484.00	Rupees Two thousand four hundred eighty four only.	Each	7452

15	Supplying and fixing of Post Top luminaire 30 watt with specification e.i. Power Factor > .9. and efficacy >100 Lumens per watt, CRI> 80 suitable for input voltage: AC 220-240 V, 50/60Hz, 4000K, complete with all accessories, connections, testing and commissioning etc. as required (Five year warranty). Make:- k-lite(code:-Roman Round KL-4512), Twinkel, Wipro or its equivalent as approved by Engineer-in-Charge.	2.00	12930.00	Rupees Twelve thousand nine hundred thirty only.	Each	25860
G.Total:-						111144
Note:- The credit of dismantalled material for Rs.2,000/- (Rs.Two thousand)only may be recover in the bill.						

Executive Engineer,
Electrical Division,
HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY						
Job No. 17						
				Estimated Cost:-	Rs. 78,000/-	
				Earnest Money:-	Rs. 1,600/-	
				Time Limit:-	One Year	
Name of Work:- A/R & MO of various type and different capacity of Air Codntioner installed in various N.R. Gov. buildings under ESD HP.PWD Una (Una Section) for the year 2023-2023.						
Sr. 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 serviceweeks 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 :-					
1.01	Compressor, Thermostat relay, OLP,Fan motor, Timer, heaters,Air dampers,ice maker,temperature sensor, Evaporators, Condensors, 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.					
2	All defective components shall be replaced with compatible working parts and defective parts shall be company/firm/contractor property.					
2.01	Split type A.C.1.5 ton capacity	12.00	4600.00	Rupees Four thousand six hundred only.	Each	55200
2.02	Split type A.C.2.00 ton capacity	1.00	4800.00	Rupees four thousand eight hundred only.	Each	4800
2.03	Window type A.C	4.00	4500.00	Rupees Four thousand five hundred only.	Each	18000
G.Total :-						78000


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DRAFT SCHEDULE OF QUANTITY				JOB NO. 18		
				Estimated cost:- Rs. 3,30,673/-		
				Earnest money:- Rs. 6,600/-		
				Time Limit:- Eight months.		
Name of work:- Providing Service of 02 Nos Electrician/Technician for attending the complaints of E.I. in HP.PWD., ESD Hamirpur Distt. Hamirpur (H.P)(Eight months from the awarded date).						
S.No.	Description	Quantity	Rate In Fig.	In words.	Unit	Amount
1	Engagement of 2 Nos Electrician /Technician in General shift as per requirement to attend the E.I complaints in HPPWD ESD Hamirpur .	487	679	Rupees Six hundred seventy nine only.	per day	330673
	Total					330673


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DRAFT SCHEDULE OF QUANTITY

Job No. 19

Estimated Cost:- Rs. 4,02,882/-
 Earnest Money:- Rs. 8,100/-
 Time Limit:- One Month.

NAME OF WORK:-C/O Mini Sectt.building at Una,Distt Una (H.P.) (SH :-P/F One No. Air Conditioners2.0 ton capacity in AC.to DC Una & 4 Nos Air conditioners 1.5 ton capacity in Distt. Attorney office Una)					
S. No.	Description	Quantity	Rate In fig.	In words.	Unit Amount
1	S/F of 2.0 ton split type air conditioner as per Inverter 3 star model No.(R32) Copper cold or its equivalent make & model better star rating-2 virus safe filterer,triple filter,E-saver mode.Quit mode,white display,auto clean,Anti Bacteria filter jet cool ON/OFF timer,sleep mode compressor cordless remote complete in all respects or any other equivalent make as per Voltas comprising to ISI with latest amensment suitable to operate on 230/240 volts +/- 10% AC.supply capable to perform the function of cooling dehumidification air circulation,ventilation and fitting in the size of nominal cooling capacity complete with 5 KVA automatic voltage stabilizer Microtek make model EM5130+ conforming to ISI specifications.The stabilizer should have high voltage trip and MCB high low voltage trip and time relay complete in all respects. including drain pipe 20 mm.dia approximately 3 mtrs.long,2 No.copper pipe with insulator for inlet and outlet approximately 3 mtrs.long and M.S.power coated frame/stand for erection of out door unit of split type A.C.including carriage of material with in all leads & lifts.(Voltas make Cat No.243 VH Vertis Prism or its equivalent make)	1.00	87974.00	Rupees Eighty seven thousand Nine hundrd seventy four only.	Each 87974

2	S/F of 1.5 ton split type air conditioner AS PER INVERTOR 3 star Model No. (32) Copper cold or its equivalent make & Model better star rating -2 virus safe filter, triple filter, E-saver mode, Quiet mode white display, auto clean, Anti Bacteria filter jet cool ON/OFF timer, sleep mode compressor cordless remote complete in all respects or any other equivalent make as per Voltas comprising to ISI with latest amendment suitable to operate on 230/240 volts +/- 10% AC, supply capable to perform the function of cooling dehumidification air circulation, ventilation and fitting in the size of nominal cooling capacity complete with 4 KVA automatic voltage stabilizer Microtek make EM4130+ Modal confining to ISI specifications. The stabilizer should have high voltage trip and MCB high low voltage trip and time relay complete in all respects, including drain pipe 25 mm dia approximately 3 mtrs. long, 2 Nos copper pipe with insulator for inlet and outlet approximately 3 mtrs. long and M.S. power coated frame/stand for erection of out door unit of split type A.C. including carriage of material with in all leads & lifts. (Voltas make Cat. No. SAC 183VH VERTIS or its equivalent make.)	4.00	78727.00	Rupees Seventy eight thousand seven hundred twenty seven only.	Each	314908
Total :-						402882


 Executive Engineer,
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DRAFT SCHEDULE OF QUANTITY		JOB NO. 20
Estimated cost:- Rs. 3,30,673/-		
Earnest money:- Rs. 6,500/-		
Time Limit:- Eight months.		

Name of work:- Providing Service of 02 Nos Electrician/Technician for attending the complaints of E.I. in Regional Hospital Una ESD Una Distt. Una (H.P)(Eight months from the awarded date).

S.No.	Description	Quantity	Rate In Fig.	In words.	Unit	Amount
1	Engagement of 2 Nos Electrician /Technician in General shift as per requirement to attend the E.I complaints in HPPWD ESD Hamirpur .	487	679	Rupees Six hundred seventy nine only.	per day	330673
	Total					330673


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

DRAFT SCHEDULE OF QUANTITY			JOB NO. 21			
					Estimated Cost:- Rs. 2,98,740/-	
					Earnest money:-Rs. 6,000/-	
					Time :- One Month.	
Name of work :- C/O Govt. Degree College Chowkminar Tehsil Jole Distt. Una (HP) (SH) :-Supplying and Laying of Steel conduit pipe in Basement floor there in)						
S. No.	Description	Quantity	Rate In fig.	In words.	Unit	Amount
1	Supplying and fixing of following sizes of steel conduit along with the accessories in surface / recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required including carriage of material with in all leads and lifts.					
1.01	25 mm. dia BEC/AKG ISI mark	1150.00	233.00	Rupees Two hundred thirty three only.	P/mtr.	267950
2	Supplying and fixing of following sizes of steel conduit alongwith the accessories in surface / recess including painting incase of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required including carriage of material with in all leads and lifts.					
2.01	25 mm. dia Diplast/BEC ISI mark	250.00	112.00	Rupees One hundred twelve only.	P/mtr.	28000
3	Supplying and fixing Fan box made of M.S.sheet with iron rod Hook 12 mm.in place of Junction box complete with bakelite Round sheet as required.in/c carriage of material with in all leads and lifts.	45.00	62.00	Rupees sixty two only.	Each	2790
G.Total :-						298740


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