



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

24-7-2023

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

2749-74

Dated

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.

✓
Executive Engineer,
Electrical Division
HPPWD, Una



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Executive Engineer
Electrical Division, HP PWD Una
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NOTICE INVITING TENDER

Sealed Percentage rate tenders on PWD form No. 6&8 are invited/re-invited by the **Executive Engineer, Electrical Division, HPPWD Una** on behalf of the Governor of H.P. for the following works from approved and eligible Contractor enlisted with HPPWD (Electrical) in appropriate class/authorized dealers and Firms/Contractors for specialized Jobs so as to reach in the office of undersigned on **07.08.2023** up to **10.30 A.M** and will be opened on the same day at **11.00 A.M.** in the presence of the intending contractors or their authorized representatives. The tender forms can be had from the office of the **Executive Engineer, Electrical Division, HPPWD, Una** against cash payment (**Non Refundable**) on dated **05.08.2023** during office hours i.e. **1:00 P.M. to 5:00 P.M.**. The applications for obtaining the tender forms will be received on dated **05.08.2023** up to **1:00 PM**. The earnest money in the shape of fresh **FDR/NSC**, duly pledged in favour of the **undersigned** must be submitted with the application for issue of tender form. The earnest money should be submitted separately for each work.

The copy of **Valid enlistment** and renewal certificate alongwith 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:-

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	Supply, Installation, Testing & Commissioning of Hard Disk Drive Surveillance 8 TB in EVMs/VVPATs warehouse Hamirpur Distt Hamirpur (H.P).	94,536/-	1,900/-	Six Months	350/-	Specialized Job
2	C/O Indoor Auditorium Building at Bilaspur H.P.(SH:- Balance Work of VRV System therein)	4,98,310/-	10,000/-	Six Months	350/-	Specialized Job
3	Replacement of E.I. In the O.O Superintending Engineer Campus 10th Circle HP PWD Bilaspur H.P. (Executive Engineer Room, Supdt. Room C-Branch, Bill Branch & adjoining verandah of Division No-2)	4,04,611/-	8,100/-	Six Months	350/-	Class-C-B
4	Replacement of E.I. In the O.O Superintending Engineer Campus 10th Circle HP PWD Bilaspur H.P. (Accountant Room, Account Branch, E.O. Room, Blue printing Machine Room& adjoining verandah of Division No-2)	2,88,441/-	2,000/-	One Year	350/-	Class-D-C

5	Replacement of E.I. In the O/o Superintending Engineer Campus 10th Circle HP PWD Bilaspur H.P. (Drawing Branch, Assistant Engineer Sub-Division No-2 Room, Sr. Asstt. Room & adjoining verandah of Division No-2).	2,85,718/-	5,800/-	Six Months	350/-	Class-D-C
6	Replacement of E.I. In the O/O Superintending Engineer Campus 10th Circle HP PWD Bilaspur H.P. Supdt. Room PMGSY, Photostat Room, J.E.s Room & adjoining verandah of Division No.2	2,46,647/-	5,000/-	Six Months	350/-	Class-D-C
7	C/O Indoor Auditorium Building at Bilaspur (H.P) (SH:-Providing E.I. Balance work therein.)	4,98,823/-	10,000/-	Six Months	350/-	Class-C-B
8	C/O Residential Accommodation type-IV 3 Nos. quarter and Type III Quarter 6 Nos. for officers/staff of Distt. Attorney at Hamirpur Distt Hamirpur (H.P) (SH:- Providing E.I in type IV Quarter 02 Nos. therein)	4,87,249/-	9,800/-	One Year	350/-	Class-C,B
9	R.M of damaged accessories and E.I. in various NR Govt. buildings i.e. Rest house Sera, F.F Set no 4,5 VIP Sitting & Bed room . Rest house Nadaun, G.F Set no 3 Drawing hall, kitchen under ESD Hamirpur Distt Hamirpur (HP)	4,51,570/-	9,000/-	Six Months	350/-	Class-C-B
10	R/M of fire Alarm system in Judicial Court Complex Hamirpur Tehsil & District Hamirpur (H.P.)	51,660/-	1,000/-	Six Months	350/-	Specialized Job
11	R/M of E.I in various N.R buildings under ESD Hamirpur Distt Hamirpur HP (SH:- Providing air conditioner in Circuit house Hamirpur, Rest house Nadaun Therein.)	4,81,048/-	9,600/-	Six Months	350/-	Specialized Job
12	C/o CHC building at Santoshgarh, Tehsil Haroli, Distt. Una (HP) (SH:- Providing balance work of E.I. therein)	4,97,860/-	10,000/-	Six Months	350/-	Class-C,B
13	C/o Community Centre at Jalgran, Distt. Una (SH :- Wiring for A.Cs. there in)	1,14,728/-	2,300/-	Six Months	350/-	Specialized Job
14	Construction of Ware House for Storage of EVM and VVPATs building at Una Distt Una H.P (SH:-Supplying , Installation, Testing and commissioning of fire fighting there in) (Balance work thereof)	1,38,000/-	2800/-	Six Months	350/-	Specialized Job
15	Replacement of damaged accessories and E.I. in Court complex (Room No. 201 to 405 & 430 to 432) in Mini sect. at Bhoranj under ESD Hamirpur (Section Barsar) Distt. Hamirpur (H.P).	2,18,444/-	4,400/-	Six Months	350/-	Class-D-C
16	C/O Mini Secretariat building at Sujampur, Distt. Hamirpur, (H.P) (SH:- Providing Balance work therein).	1,53,942/-	3,100/-	Six Months	350/-	Class-D-C

17	Repair and Service of Diesel Generator Engine Cumin Bhaskar make 125 KVA & 15 KVA Kirloskar at Dr. RKGMC, Hamirpur Distt Hamirpur (H.P)	1,29,133/-	2,600/-	Six Months	350/-	Specialized Job
18	Construction of school building (Class room, Lab ,Store a/w stair) at G.H.S Bhaloun under RMSA Tehsil Jole, Distt. Una HP (SH: - Providing E.I. there in).	1,24,514/-	2500/-	One Year.	350/-	Class-D-C
19	Annual Comprehensive Maintenance Contract (AMC) of 1 No. Passenger Lift Johnson make in Dr. RKGMC, Hamirpur Distt. Hamirpur (H.P) (For the year 2023-2024).	2,14,288/-	4,300/-	One Year	350/-	Specialized Job
20	Annual Comprehensive Maintenance Contract (AMC) of 1 No. 13 Passenger Lift Johnson make in Mini Sectt. building at Bhoranj, Distt. Hamirpur (H.P) (w.e.f. one year from awarded date).	1,45,848/-	2,900/-	One Year	350/-	Specialized Job

GENERAL TERMS AND CONDITIONS:-

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. The eligible Contractors/Firm should performance certificate for specialized jobs as required.
7. 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

K. G. Gaur
Executive Engineer,
Electrical Division
UPPWD, Una

DRAFT SCHEDULE OF QUANTITY					
Job No. 01					
Estimated cost:- Rs. 94,536/-					
Earnest money:- Rs. 1,900/-					
Time Limit:- Six months.					
Name of work :- Supply, Installation, Testing & Commissioning of Hard Disk Drive Surveillance 8 TB in EVMs/VVPATs warehouse Hamirpur Distt Hamirpur HP					
S. No.	Description of Items	Qty	Unit	Rate In Fig.	In Words. Amount
1	Supply, Installation, Testing & Commissioning of Hard Disk Drive Surveillance 8 TB with five year warranty complete in all respect Make: WD/Toshiba/seagate.	4	Each	23634	Rupees Twenty three thousand six hundred thirty four only. 94536
	Total				94536


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

DRAFT SCHEDULE OF QUANTITY

Job No - 02

Estimated cost:- Rs. 4,98,310/-

Earnest money:- Rs. 10,000/-

Time Limit:- Six months.

Name of Work:- C/O Indoor Auditorium Building at Bilaspur H.P. (SH:-Balance Work of VRV System therein)

Sr. No.	Description of Items	Quantity	Rate In 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 1.6 mm thick M.S. sheet duly fabricated in a segregated manner for housing of switch fuse units, by welding each compartment on five sides & front side hinged, complete with locking arrangement, with sufficient No. vertical and horizontal intermediate switchgear housing compartments. The cubical pedestal shall have cable entry box at one or two sides, with epoxy powder coated approved paint and bonding to the existing earth etc. The cubical pedestal shall be 15 cm from the top of cement concrete plat-form:-1850mm x1375mm x 300mm deep (nominal) including Bus Bar 500Amp. = 1 mtr. . MCCB 400Amp with Rotary Handle & Spreader link. = 1 No. MCB 63 Amp 4 Pole=6 No MCB 16Amp 4 Pole=1No MCB 6Amp Single Pole=18 No MCB 40 Amp 3 Pole=3No RCCB 63Amp 4 Pole 30mA=6 No Contactor MNX 25=6No Contactor MNX 18=3No Contactor MNX 18 =9Nos Overload Relay 9-15 Amp=3No Star -Delta Timer=3No Auto Mannul Selector Switch=3No Power Terminal Block=46 No Phase indicator=12Nos, Selector switch =4Nos Digital Ammeter = 4No, Digital Volt Meter=1No, CT Coil =12Nos and internal control wiring etc. as required complete in all respect.	1	282700	Rupees Two Lac. Eighty two thousand seven hundred only.	Each	282700

2	Providing, laying and fixing of Un-Armoured power/control copper conductor, XLPE insulated, PVC inner sheathed 3 core 16 sqmm cable for voltage grade up to 1100 volt on surface/recess /Existing Cable Tray as required complete in all respect. Make :-Plaza/Finolex/Havell/Polycab /KEI or it equivalent.	37	2162	Rupees Two thousand one hundred sixty two only.	P/mtr	79994
3	Providing, laying and fixing of PVC Un-Armoured power/ control copper conductor, XLPE insulated, PVC inner sheathed 4 core 16 sqmm cable for voltage grade up to 1100 volt , on surface/recess /Existing Cable Tray as required complete in all respect. Make :-Plaza/Finolex/ Havell/ Polycab/KEI or it equivalent.	36	2656	Rupees Two thousand six hundred fifty six only.	P/mtr	95616
4	Providing and refilling of high speed diesel for 250 KVA DG SET	400	100	Rupees One hundred only.	Litre	40000
TOTAL						498310


 Executive Engineer,
 Electrical Division,
 HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY

Job No. 03

	Estimated cost:- Rs. 4,04,611/-	
	Earnest money:- Rs. 8,100/-	
	Time Limit:- Six months.	

Name of work :- Replacement of E.I. In the O.O Suprintending Engineer Campus 10th Circle HP PWD Bilaspur H.P.(Executive Engineer Room, Supdtt. Room,C-Branch,Bill Branch & adjoining verandah of Division No-2)

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 pointwith 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	52	Each	1150	Rupees One thousand one hundred fifty only.	59800
2	Supplying and fixing Computer board comprising 3 nos 5 amp modular switches , G.I box 2 module for jack box and G.I Box 12 module for 5 amp switches and 5 amp sockets comprising sheet cover for each 2 module metal box , one no computer jack (RJ-45)with shutter including connections etc as required.Make :-Anchor (Roma classic),L&T (Entice),Legrand(Myrius) or its equivalent as approved by Engineer-in -charge.	12	Each	2370	Rupees Two thousand three hundred seventy only.	28440

	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. Make :-Anchor (Roma classic),L&T(Entice),Legrand(Myrius) or as approved by Engineer-in -charge.	9	Each	563	Rupees Five hundred sixty three only.	5067
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 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 as approved by Engineer-in -charge.	18	Each	743	Rupees Seven hundred forty three only.	13374
5	Wiring for circuit/submain wiring alongwith earthing 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.					
5.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	185	Meter	326	Rupees three hundred twenty six only.	60310
5.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	110	Meter	451	Rupees Four hundred fifty one only.	49610
5.03	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	42	Meter	611	Rupees six hundred eleven only.	25662
5.04	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	80	Meter	727	Rupees Seven hundred twenty seven only.	58160
5.05	2X10sq mm+1 X 6 sq. mm earth wire	18	Meter	558	Rupees Five hundred fifty eight only.	10044
5.06	4 X 16 sq. mm + 2 X 6 sq. mm earth wire	2	Meter	1963	Rupees One thousand nine hundred sixty three only.	3926
6	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.					
6.01	5/6 amp Modular switch	5	Each	89	Rupees Eighty nine only.	445
6.02	5 pin 5/6 amp socket outlet	5	Each	151	Rupees One hundred fifty one only.	755
6.03	Bell push	15	Each	155	Rupees One hundred fifty five only.	2325

	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/recessed steel/ PVC conduit as required.Make:-Polycab, Finolex,D-Link or its equivalent as approved by Engineer-in -charge.	100	Meter	53	Rupees Fifty three only.	5300
8	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.					
8.01	25 mm .	80	Meter	111	Rupees One hundred eleven only.	8880
9	Supplying and fixing Ding Dong bell suitable for single phase, 230 V, complete as requiredMake :-Anchor (Roma classic),L&T(Entice), Legrand(Myrius) or its equivalent as approved by Engineer-in -charge.	4	Each	234	Rupees Two hundred thirty four only.	936
10	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 with minimum 3 star rating: Make:- Usha (TECHNIX PLUS)Bajaj,Crompton or its equivalent as approved by Engineer-in -charge.					
10.01	Ceiling Fan 1200 mm sweep	2	Each	2515	Rupees Two thousand five hundred fifteen only.	5030
11	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.	9	Each	410	Rupees Four hundred ten only.	3690
12	Supplying and fixing of following watts surface/Recess round/Square 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, 50/60Hzcomplete with all accessories, connections, testing and commissioning etc.Make Panasonic, Wipro Philips or its equivalent as approved by Engineer-in -charge.(Five year warranty)					

Sl. No.	20W	16	Each	1576	Rupees One thousand five hundred seventy six only.	25216
13	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: Make Philips, Panasonic, Jaquar or its equivalent as approved by Engineer-in-charge. (Five year warranty)					
13.01	36 watt	14	Each	970	Rupees Nine hundred seventy only.	13580
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 Engineer-in-charge	4	Each	59	Rupees fifty nine only.	236
15	Supplying and fixing 5 amps to 32 amps, 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, Hager, ABB or its equivalent as per best satisfaction of Engineer-in-charge.					
15.01	Single pole	36	Each	261	Rupees Two hundred sixty one only.	9396
16	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.	4	Each	1161	Rupees One thousand one hundred sixty one only.	4644
17	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, Legrand, Hager or its equivalent as approved by Engineer-In-Charge					
17.01	MCB DB 8 WAY	1	Each	2015	Rupees Two thousand fifteen only.	2015
17.02	MCB DB 12 WAY	2	Each	2394	Rupees Two thousand three hundred ninety four only.	4788

03	MCBDB 16 WAY	1	Each	2982	Rupees Two thousand nine hundred eighty two only.	2982
	Total					404611
	Note:- The credit of dismantalled material for Rs.4611/- (Rs.four thousand six hundred eleven)only may be recover in the bill.					


 Executive Engineer,
 Electrical Division,
 HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY					
Job No. 04					
Estimated cost:- Rs. 2,88,441/-					
Earnest money:- Rs. 2,000/-					
Time Limit:- One Year					
Name of work :- Replacement of E.I. In the O.O Suprintending Engineer Campus 10th Circle HP PWD Bilaspur H.P.(Accountant Room, Account Branch, E.O.Room, Blueprinting Machine Room & adjoining verandah of Division No-2)					
Sr. No.	Description of Items	Quantity	Unit	Rate In fig.	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 C	41	Each	1150	Rupees One thousand one hundred fifty only. 47150
2	Supplying and fixing Computer board comprising 3 nos 5 amp modular switches , G.I box 2 module for jack box and G.I Box 12 module for 5 amp switches and 5 amp sockets comprising sheet cover for each 2 module metal box , one no computer jack (RJ-45) with shutter including connections etc as required. Make :-Anchor (Roma classic),L&T(Entice),Legrand(Myrius) or its equivalent as approved by Engineer-in -charge.	9	Each	2370	Rupees Two thousand three hundred seventy only. 21330

	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. Make :- Anchor (Roma classic), L&T(Entice), Legrand(Myrius) or as approved by Engineer-in -charge.	4	Each	563	Rupees Five hundred sixty three only.	2252
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 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 as approved by Engineer-in -charge.	17	Each	743	Rupees Seven hundred forty three only.	12631
5	Wiring for circuit/submain wiring along with earthing 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.					
5.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	60	Meter	326	Rupees three hundred twenty six only.	19560
5.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	135	Meter	451	Rupees Four hundred fifty one only.	60885
5.03	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	20	Meter	611	Rupees Six hundred eleven only.	12220
5.04	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	60	Meter	727	Rupees Seven hundred twenty seven only.	43620
5.05	2X10sq mm+1 X 6 sq. mm earth wire	22	Meter	558	Rupees Five hundred fifty eight only.	12276
6	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.					
6.01	5/6 amp Modular switch	4	Each	89	Rupees Eighty nine only.	356

02	5 pin 5/6 amp socket outlet	4	Each	151	Rupees One hundred fifty one only.	604
6.03	Bell push	10	Each	155	Rupees One hundred fifty five only.	1550
7	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/recessed steel/ PVC conduit as required.Make:-Polycab,Finolex,D-Link or its equivalent as approved by Engineer-in -charge.	65	Meter	53	Rupees fifty three only.	3445
8	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.					
8.01	25 mm	50	Meter	111	Rupees One hundred eleven only	5550
9	Supplying and fixing Ding Dong bell suitable for single phase, 230 V, complete as requiredMake :-Anchor (Roma classic),L&T (Entice),Legrand(Myrius) or its equivalent as approved by Engineer-in -charge.	5	Each	234	Rupees Two hundred thirty four only.	1170
10	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 with minimum 3 star rating: Make:- Usha(TECHNIX PLUS)Bajaj, Crompton or its equivalent as approved by Engineer-in -charge.					
10.01	Ceiling Fan 1200 mm sweep	2	Each	2515	Rupees Two thousand five hundred fifteen only.	5030
11	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.	6	Each	410	Rupees Four hundred ten only.	2460

12	Supplying and fixing of following watts surface/Recess round/Square 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, 50/60Hzcomplete with all accessories, connections, testing and commissioning etc.Make Panasonic,Wipro Philips or its equivalent as approved by Engineer-in -charge.(Five year warranty)							4	Each	1576	Rupees One thousand five hundred seventy six only.	6304
12.01	20W											
13	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> 100Lumens 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.(Five year warranty)											
13.01	36watt	17	Each	970	Rupees Nine hundfed seventy only.		16490					
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							2	Each	59	Rupees fifty nine only.	118
15	Supplying and fixing 5 amps to 32 amps , 240/415 volts, 10 kA, "C" curve,miniatire 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.											
15.01	Single pole	22	Each	261	Rupees Two hundred sixty one only.		5742					

16	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	Each	1161	Rupees One thousand one hundred sixty one only.	2322
17	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, Legrand, Hager or its equivalent as approved by Engineer-In-Charge					
17.01	MCBDB 12 WAY	1	Each	2394	Rupees Two thousand three hundred ninety four only.	2394
17.02	MCBDB 16 WAY	1	Each	2982	Rupees Two thousand nine hundred eighty two only.	2982
	Total					288441


Executive Engineer,
Electrical Division,
HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY

Job No. 05

Estimated cost:- Rs. 2,85,718/-

Earnest money:- Rs. 5,800/-

Time Limit:- Six months.

Name of work :- Replacement of E.I. In the O/O Suprintending Engineer Campus 10th Circle HP PWD Bilaspur H.P.(Drawing Branch, Assistant Engineer Sub-Division No-2 Room, Sr.Asstt.Room & adjoining verandah of Division No-2).

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 steel conduit, with modular switch, modular plate, suitable GI box and earthing the pointwith 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	47	Each	1150	Rupees One thousand one hundred fifty only.	54050
2	Supplying and fixing Computer board comprising 3 nos 5 amp modular switches , G.I box 2 module for jack box and G.I Box 12 module for 5 amp switches and 5 amp sockets comprising sheet cover for each 2 module metal box , one no computer jack (RJ-45)with shutter including connections etc as required.Make :- Anchor (Roma classic),L&T(Entice),Legrand(Myrius) or its equivalent as approved by Engineer-in -charge.	13	Each	2370	Rupees Two thousand three hundred seventy only.	30810

3	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. Make :- Anchor (Roma classic), L&T(Entice), Legrand(Myrius) or as approved by Engineer-in -charge.	7	Each	563	Rupees Five hundred sixty three only.	3941
4	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 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 as approved by Engineer-in -charge.	15	Each	743	Rupees Seven hundred forty three only.	11145
5	Wiring for circuit/submain wiring along with earthing with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. Make:-Plaza, KEL, Finolex or its equivalent as approved by Engineer-in -charge.					
5.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	90	Meter	326	Rupees three hundred twenty six only.	29340
5.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	110	Meter	451	Rupees Four hundred forty one only.	49610
5.03	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	40	Meter	611	Rupees Six hundred eleven only.	24440
5.04	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	40	Meter	727	Rupees Seven hundred twenty seven only.	29080
6	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.					
6.01	5/6 amp Modular switch	6	Each	89	Rupees Eighty nine only.	534
6.02	5 pin 5/6 amp socket outlet	6	Each	151	Rupees One hundred fifty one only.	906
6.03	Bell push	13	Each	155	Rupees One hundred fifty five only.	2015
7	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/recessed steel/ PVC conduit as required. Make:-Polycab, Finolex, D-Link or its equivalent as approved by Engineer-in -charge.	60	Meter	53	Rupees fifty three only.	3180

8	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.						
8.01	25 mm	50	Meter	111	Rupees One hundred eleven only.	5550	
9	Supplying and fixing Ding Dong bell 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.	7	Each	234	Rupees Two hundred thirty four only.	1638	
10	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.	10	Each	410	Rupees Four hundred ten only.	4100	
11	Supplying and fixing of following watts surface/Recess round/Square 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)						
11.01	20W	4	Each	1576	Rupees One thousand five hundred seventy six only.	6304	
12	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: Make Philips, Panasonic Jaquar or its equivalent as approved by Engineer-in -charge. (Five year warranty)						

12.01	36 watt		15	Each	970	Rupees Nine hundred seventy only.	14550
13	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 Eir-In-Charge		4	Each	59	Rupees fifty nine only.	236
14	Supplying and fixing 5 amps to 32 amps, 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, Hager, ABB or its equivalent as per best satisfaction of Engineer-in -charge.						
14.01	Single pole		23	Each	261	Rupees Two hundred sixty one only.	6003
15	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	Each	1161	Rupees One thousand one hundred sixty one only.	2322
16	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, Legrand, Hager or its equivalent as approved by Engineer-In-Charge						
16.01	MCB DB 16 WAY		2	Each	2982	Rupees Two thousand nine hundred eighty two only.	5964
	Total						285718


 Executive Engineer,
 Electrical Division,
 HPPWD, Una.

DRAFT SCHEDULE OF QUANTITY		Job No. 06	
		Estimated cost:- Rs. 2,46,647/-	
		Earnest money:- Rs. 5,000/-	
		Time Limit:- Six months.	

Name of work :- Replacement of E.I. In the O/O Suprintending Engineer Campus 10th Circle HP PWD Bilaspur H.P.(Supdtt.Room PMGSY, Photostat Room, J.E.s Room & adjoining verandah of Division No-2).

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 C	45	Each	1150	Rupees One thousand one hundred fifty only.	51750
2	Supplying and fixing Computer board comprising 3 nos 5 amp modular switches , G.I box 2 module for jack box and G.I Box 12 module for 5 amp switches and 5 amp sockets comprising sheet cover for each 2 module metal box , one no computer jack (RJ-45) with shutter including connections etc as required.Make :-Anchor (Roma classic),L&T(Entice),Legrand(Myrius) or its equivalent as approved by Engineer-in -charge.	6	Each	2370	Rupees Two thousand three hundred seventy only.	14220
3	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.Make :-Anchor (Roma classic),L&T(Entice),Legrand(Myrius) or as approved by Engineer-in -charge.	5	Each	563	Rupees Five hundred sixty three only.	2815

	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 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 as approved by Engineer-in -charge.	10	Each	743	Rupees Seven hundred forty three only.	7430
5	Wiring for circuit/submain wiring along with earthing 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.					
5.01	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	60	Meter	326	Rupees three hundred twenty six only.	19560
5.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	90	Meter	451	Rupees four hundred fifty one only.	40590
5.03	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	30	Meter	727	Rupees Seven hundred twenty seven only.	21810
5.04	2X10sq mm+1 X 6 sq. mm earth wire	44	Meter	558	Rupees Five hundred fifty eight only.	24552
6	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.					
6.01	5/6 amp Modular switch	5	Each	89	Rupees Eighty nine only.	445
6.02	5 pin 5/6 amp socket outlet	5	Each	151	Rupees One hundred fifty one only.	755
6.03	Bell push	6	Each	155	Rupees One hundred fifty five only.	930
7	Supplying and drawing of UTP 4 pair CAT 6 LAN Cable in the existing surface/recessed steel/ PVC conduit as required. Make:- Polycab, Finolex, D-Link or its equivalent as approved by Engineer-in -charge.	80	Meter	53	Rupees Fifty three only.	4240
8	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.					

25 mm		70	Meter	111	Rupees One hundred eleven only.	7770
Supplying and fixing Ding Dong bell 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.		4	Each	234	Rupees Two hundred thirty four only.	936
10	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 with minimum 3 star rating. Make:- Usha (TECHNIX PLUS) Bajaj, Crompton or its equivalent as approved by Engineer-in-charge.					
10.01	Ceiling Fan 1200 mm sweep	6	Each	2515	Rupees Two thousand five hundred fifteen only..	15090
11	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.	7	Each	410	Rupees Four hundred ten only.	2870
12	Supplying and fixing of following watts surface/Recess round/Square 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)					
12.01	20W	12	Each	1576	Rupees One thousand five hundred	18912

	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: Make Philips, Panasonic jaquar or its equivalent as approved by Engineer-in -charge.(Five year warranty)						
13.01	36watt	4	Each	970	Rupees Nine hundred seventy only.	3880	
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	5	Each	59	Rupees fifty nine only*	295	
15	Supplying and fixing 5 amps to 32 amps , 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, Hager, ABB or its equivalent as per best satisfaction of Engineer-in -charge.						
15.01	Single pole	14	Each	261	Rupees Two hundred sixty one only.	3654	
16	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.	1	Each	1161	Rupees One thousand one hundred sixty one only.	1161	
17	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, Legrand, Hager or its equivalent as approved by Engineer-In-Charge						

1	MCBDB 16 WAY	1	Each	2982	Rupees Two thousand nine hundred eighty two only.	2982
	Total					246647


 Executive Engineer,
 Electrical Division,
 HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY

Job No. 07

Estimated Cost : 4,98,823/-
Earnest Money: 10,000/-
Time Limit : Six Months

Name of work :- C/O Indoor Auditorium Building at Bilaspur H.P.(SH:-Providing E.I. Balance work therein.)

S. No.	Description of Items	Quantity	Unit	Rate In Fig.	In Words.	Amount
1	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)Legrand/L&T or its equivalent.					
1.01	4 way , Double door TPN MCBDB	6	Each	7098	Rupees Seven thousand ninety eight only.	42588
1.02	6 way , Double door TPN MCBDB	4	Each	8411	Rupees Eight thousand four hundred eleven only.,.	33644
1.03	8 way , Double door TPN MCBDB	5	Each	9827	Rupees Nine thousand eight hundred twenty seven only.	49135
1.04	12 way, Double door TPN MCBDB	1	Each	14603	Rupees Fourteen thousand six hundred three only.	14603

2	Supplying and fixing following rating, four pole, (three phase and neutral), 415 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. Legrand/L&T or its equivalent.						
2.01	63 A rating, 4 pole RCCB, 300 mA	3			7169	Rupees Seven hundred one hundred sixty nine only..	21507 0
3	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 300 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.						
3.01	40 A	24			5456	Rupees Five thousand four hundred fifty six only.	130944
3.02	63 A	23			6344	Rupees Six thousand three hundred forty four only.	145912
4	Supplying and fixing 40 to 63 amps, 4 Pole, 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 Legrand/ L&T, Hager, ABB or its equivalent as per best satisfaction of Engineer-in -charge.	14			4089	Rupees Four thousand eight hundred only.	57246

5	Supplying and fixing 32 amps , 3 Pole, 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 Legrand/ L&T, Hager,ABB or its equivalent as per best satisfaction of Engineer-in -charge.	1	3244	Rupees three thousand two hundred forty four only.	3244
Total					498823


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

DRAFT SCHEDULE OF QUANTITY						
Job No. 08						
Estimated cost:- Rs. 4,87,249/-						
Earnest money:- Rs. 9,800/-						
Time Limit:- One year.						
Name of work :-C/O Residential Accommodation type-IV 3 Nos quarter and Type III Quarter 6 Nos for officers/staff of Distt. Attorney at Hamirpur Distt Hamirpur (H.P) (SH:- Providing E.I in type IV Quarter 02 Nos 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 PVCconduit, with modularswitch, modular plate, suitable GI box and earthing the pointwith 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	90	Each	1013	Rupees One thousand thirteen only.	91170
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	8	Each	1306	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 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	140	Meter	190	Rupees three hundred ninety only.	26600
3.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	144	Meter	308	Rupees three hundred eight only,	44352
3.03	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	10	Meter	571	Rupees five hundred seventy only.	5710
3.04	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	96	Meter	529	Rupees Five hundred twenty nine only.-	50784
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	97	Rupees Ninety seven only.	4850
4.02	3 x 4 sq. mm	30	Meter	219	Rupees Two hundred nineteen only.	6570
5	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as requiredMake :-Anchor (Roma classic),L&T(Entice), Legrand(Myrius) or its equivalent as approved by Engineer-In-Charge					
5.01	5/6 amp Modular switch	12	Each	76	Rupees Seventy six only.	912
5.02	5 pin 5/6 amp socket outlet	12	Each	122	Rupees One hundred twenty two only.	1464
6	Supplying and fixing modular blinking 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	25	Rupees Twenty five only.	375

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	8	Each	437	Rupees Four hundred thirty seven only.	3496
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 Er-In-Charge	4	Each	735	Rupees Seven hundred thirty five only.	2940
9	Supplying and fixing suitable size GI box with modular plate and cover in FRL.Sont 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	Each	628	Rupees six hundred twenty eight only.	6280
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	50	Meter	113	Rupees One hundred thirteen only.	5650

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 Er-In-Charge	2	Each	78	Rupees Seventy eight only.	156
12	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 Er-In-Charge	2	Each	2850	Rupees Two thousand eight hundred fifty only.	5700
13	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 Er-In-Charge	4	Each	2347	Rupees Two thousand three hundred forty seven only.	9388
14	Supplying and fixing exhaust fan louver shutter for 300mm exhaust fan on the existing wall, painting etc. as required.	2	Each	650	Rupees Six hundred fifty only.	1300
15	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					
15.01	Ceiling Fan 1200 mm sweep	10	Each	2789	Rupees Two thousand seven hundred eighty nine only.	27890

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)	10	Each	138	Rupees One hundred thirty eight only.	1380
17	Supplying and fixing followig type surface round type LED dowligh ,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	12W	24	Each	848	Rupees Eight hundred forty eight only.	20352
17.02	15W	24	Each	1136	Rupees One thousand one hundred thirty six only.	27264
18	Supplying and fixing of LED bulk head fitting with all accessories including making connections, testing etc. as required: Make Make Panasonic, Wipro Philips or its equivalent as approved by Engineer-In-Charge(Five year warranty)	4	Each	822	Rupees Eight hundred twenty two only.	3288
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)	6	Each	1196	Rupees One thousand one hundred ninety six only.	7176

20	Supplying and fixing of fancy wall Double 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, Wipro, Jaquar or its equivalent as approved by Engineer-In-Charge(Five year warranty)	2	Each	1944	Rupees One thousand nine hundred forty four only.	3888
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 Philip, Wipro, Jaquar or equivalent make.	4	Each	3357	Rupees Three thousand three hundred fifty seven only.	13428
22	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: Make Philips, Panasonic jaquar or its equivalent as approved by Engineer-In-Charge(Five year warranty)					
22.01	24 Watt	8	Each	595	Rupees Five hundred ninety five only.	4760
23	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	2	Each	59	Rupees fifty nine only.	118

24	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 Jaguar, wipro, Philips or its equivalent as approved by Engineer-in-charge(Five year warranty).	2	Each	2999	Rupees Two thousand nine hundred ninety nine only.	5998
25	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
26	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
27	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.					
27.01	MCBDB 12 WAY	2	Each	2257	Rupees Two thousand two hundred fifty seven only.	4514
27.02	MCBDB 16 WAY	2	Each	2805	Rupees Two thousand eight hundred five only.	5610
28	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.	24	Each	263	Rupees Two hundred sixty three only.	6312

29	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.	4	Each	1195	Rupees One thousand one hundred ninety five only.	4780
30	Supplying and fixing following 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 per best satisfaction of Engineer-in -charge.					
30.01	40 Amp.	2	Each	2960	Rupees Two thousand nine hundred sixty only.	5920
30.02	63 Amp.	2	Each	3662	Rupees three thousand six hundred sixty two only.	7324
31	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.					
31.01	6 Ltr.	2	Each	6745	Rupees six thousand seven hundred forty five only.	13490
31.02	25 Ltr.	4	Each	9970	Rupees Nine thousand nine hundred seventy only.	39880
	Total					487249


Executive Engineer,
Electrical Division,
HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY					
Job No. 09					
Estimated cost:- Rs. 4,51,570/-					
Earnest money:- Rs. 9,000/-					
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, F.F Set no 4,5 VIP Sitting & Bed room , Rest house Nadaun, G.F Set no 3 Drawing hall, kitchen 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	12	Each	1193	Rupees One thousand one hundred ninety three only. 14316
2	Rewiring 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 exiting Steel/PVC conduit , and earthing the light point with 1.5 Sq.mm. HRFRS/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	63	Each	823	Rupees Eight hundred twenty three only. 51849

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	24	Meter	199	Rupees One hundred ninety nine only.	4776	
3.02	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	80	Meter	318	Rupees three hundred eighteen only.	25440	
3.03	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	30	Meter	575	Rupees Five hundred seventy five only.	17250	
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	2 x 1.5 sq. mm	255	Meter	68	Rupees Sixty five only.	17340	
4.02	3 x 1.5 sq. mm	155	Meter	97	Rupees Ninety seven only.	15035	
4.03	3 x 4 sq. mm	167	Meter	219	Rupees Two hundred nineteen only.	36573	
4.04	3 x 10 sqmm	35	Meter	558	Rupees five hundred fifty eight only.	19530	
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	30	Each	76	Rupees Seventy six only.	2280	
5.02	3 pin 5/6 amp socket outlet	27	Each	122	Rupees One hundred twenty two only.	3294	
5.03	15/16 amp switch	11	Each	133	Rupees One hundred thirty three only.	1463	
5.04	6 pin 15/16 amp socket outlet	16	Each	201	Rupees Two hundred one only.	3216	
5.05	Fan regulator	2	Each	350	Rupees three hundred fifty only.	700	

5.06	Bell push	6	Each	149	Rupees One hundred forty nine only.	894
5.07	2 way 5 switch	6	Each	122	Rupees Onen hundred twenty two only.	732
5.08	Blanking plate	30	Each	25	Rupees twenty five only.	750
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)	3	Each	288	Rupees Two hundred eighty eight only.	864
6.02	4 Module (125mmX75mm)	4	Each	378	Rupees three hundred seventy eight only.	1512
6.03	6 Module (200mmX75mm)	4	Each	530	Rupees five hundred thirty only.	2120
7	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.					
7.01	1 or 2 Module	2	Each	184	Rupees One hundred eighty four only.	368
7.02	3 Module	1	Each	237	Rupees Two hundred thirty seven only.	237
7.03	4 Module	7	Each	264	Rupees Two hundred sixty four only.	1848
7.04	6 Module	13	Each	337	Rupees three hundred thirty seven only.	4381
8	Supplying and fixing 25 amp single phase motor starter on the existing modular plate & switch box including connections etc. as required	3	Each	205	Rupees Two hundred five only.	615
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 Engineer-In-Charge					
9.01	25 mm	64	Each	109	Rupees One hundred nine only.	6976

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 mmtwin 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	1	Each	3459	Rupees three thousand four hundred fifty nine only.	3459
11	Providing, Installation, testing and commissioning of Decorative ceiling fan with socket type regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mmtwin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required: Make:- havells (Leganza), Bajaj, Crompton or its equivalent as approved by Engineer-in-charge	3	Each	6383	Rupees Six thousand three hundred eighty three only.	19149
12	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 Er-in-charge	2	Each	2871	Rupees Two thousand eight hundred seventy one only.	5742
13	Providing and installation exhaust fan of 200 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.	1	Each	2371	Rupees Two thousand three hundred seventy one only.	2371
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.	1	Each	2850	Rupees Two thousand eight hundred fifty only.	2850

15	Supplying and fixing call bell buzzer suitable for single phase, 230 volts, complete as required.	1	Each	78	Rupees seventy eight only.	78
16	Supplying and fixing Ding Dong bell suitable for single phase, 230 volts, complete as required.	1	Each	224	Rupees Two hundred twenty four only.	224
17	Supplying and fixing of bulk head fitting excluding bulb complete with all accessories, connections, testing and commissioning etc. Make - Panasonic/WIPRO/PHILIPS , or its equivalent as approved by Engineer-in-Charge	2	Each	650	Rupees Six hundred fifty only.	1300
18	Supplying and fixing LED downlighter powerflow round recess type 13.5 watt, 4000k, (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 -PDLM22157)/Philips, wipro or its equivalent as approved by Engineer-in-Charge	14	Each	2132	Rupees Two thousand one hundred thirty two only.	29848
19	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 -PDLM22157)/Philips, wipro or its equivalent as approved by Engineer-in-Charge	4	Each	818	Rupees Eight hundred eighteen only.	3272
20	Supplying and fixing following watts LED spotlight, 3000k, (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:-havells (Model -LED Spotlight 6W RD)/Philips, wipro or its equivalent as approved by Engineer-in-Charge					0

20.01	6 watt		11	Each	547	Rupees Five hundred forty seven only.	6017
20.02	8 watt		16	Each	761	Rupees seven hundred sixty one only.	12176
21	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		4	Each	219	Rupees Two hundred nineteen only.	876
22	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		12	Each	138	Rupees One hundred thirty eight only.	1656
23	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		2	Each	3780	Rupees three thousand seven hundred eighty only.	7560
24	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		2	Each	3379	Rupees three thousand three hundred seventy nine only.	6758
25	Supplying and fixing of fancy wall Double 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, wipro, jaquar or equivalent make		4	Each	6836	Rupees Six thousand eight hundred thirty six only.	27344

26	Supplying and fixing LED strip 5 watt, 3000k, (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, including driver complete with all accessories, connections, testing and commissioning etc. Make:-jaquar/Philips, wipro or its equivalent as approved by Engineer-in-Charge	64	Meter	236	Rupees Two hundred thirty six only.	15104
27	Supplying and fixing of LED panel driver 5/8 watt with connector including connections, testing and commissioning as required Make:- Havells (Cat no LSSLNW0168), Philips, Jaquar, Panasonic, or its equivalent as approved by Engineer-in-charge	4	Each	212	Rupees Two hundred twelve only.	848
28	Supplying and fixing 5 amps to 32 amps, 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, Hager, ABB or its equivalent as per best satisfaction of Engineer-in -charge.					0
28.01	single pole	20	Each	263	Rupes Two hundred sixty three only.	5260
29	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.	3	Each	1195	Rupees One thousand one hundred ninety five only.	3585
30	Supplying and fixing of DLP 105x50 mm PVC 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 .	15	Meter	1350	Rupees One thousand three hundred fifty only.	20250

31	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.	3	Each	3662	Rupees three thousand six hundred sixty two only.	10986
31.01	63 amp					
32	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.					
32.01	MCBDB 8 WAY Double Door	1	Each	1892	Rupees One thousand eight hundred ninety two only.	1892
32.02	MCBDB 12 WAY Double Door	2	Each	2257	Rupees Two thousand two hundred fifty seven only.	4514
33	Supplying and fixing table lamp having material matt gold and black, aluminium & metal including LED bulb 9 watt, plug top, complete in all respect make philips model 58149, jaquar, or approved by Engineer-in-charge	1	Each	4947	Rupees Four thousand nine hundred forty seven only.	4947
34	Providing and fixing following rating, four pole, 415 volts, On-Load change over switch unit, AC 23 A duty, in sheet steel enclosure, with side handle operation, including drilling holes on the board, making connections, etc. as required. Make:-L&T, Legrand, Hager, or its equivalent as approved by Engineer-in-charge.	1	Each	15800	Rupees fifteen thousand eight hundred only.	15800

35	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)					
35.01	36 watt	3	Each	1115	Rupees One thousand one hundred fifteen only.	3345
	Total					451570


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

DRAFT SCHEDULE OF QUANTITY						
Job No. 10						
Estimated cost:- Rs. 51,660/-						
Earnest money:- Rs. 1,000/-						
Time Limit:- Six months.						
Name of work:- R.M of fire Alarm system in Judicial court complex Hamirpur Tehsil & District Hamirpur (H.P.)						
S. No.	Description of Items	Quantity	Unit	Rate In Fig.	In words.	Amount
1	Supplying ,installation, testing and commissioning smoke detector builtin LED with mounting base frame including necessary connections complete in all respect as req make apollo, agni, honeywell	1	EACH	2850	Rupees Two thousand eight hundred fifty only.	2850
2	Supply , Installation , testing and commissioning of semi recessed manual call point (BreakGlass unit) in 16 swg sheet complete with push button switch including necessary connections complete in all respect as req.make apollo, agni, honeywell	1	EACH	850	Rupees Eight hundred fifty only.	850
3	Supply , Installation , testing and commissioning of Ahuja or its equivalent make wall mounted speakers including necessary connections complete in all respect as req make apollo, agni, honeywell	1	EACH	1050	Rupees One thousand fifty only.	1050
4	Supplying ,installation, testing and commissioning maintenance free 2 nos batteries of 7 AH 12 volt,50 Hz single phase Acmain adequate for operation of system connected to it for 24 hours including necessary connections complete in all respect as req. make, Exide,Amron,Quanta (three years warranty)	8	EACH	1450	RupeesOne thousand four hundred fifty only.	11600
5	Repair and maintenance of fire main panel and all local panels in judicial court complex hamirpur complete job in all respect	1	JOB	30000	Rupees thirty thousand only.	30000

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. make KEI, Ploycab, Plaza						0
6.01	2x1.5 Sqmm	30	MTR	68	Rupees Sixty eight only.		2040
7	Supplying and drawing following heavy class PVC conduit having wall thickness minimum 2 mm surface/recessed as required. make Diplast, polycab, Bec						0
7.01	25mm	30	MTR	109	Rupees One hundred nine ontyl.		3270
	TOTAL						51660


 Executive Engineer,
 Electrical Division,
 HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY

Job No. 11

Estimated cost:- Rs. 4,81,048/-

Earnest money:- Rs. 9,600/-

Time Limit:- Six months.

Name of Work:- R.M of E.I in various N.R bldgs under ESD Hamirpur Distt. Hamirpur HP(SH:- Providing air conditioner in circuit house Hamirpur ,Rest House Nadaun 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 3 mtrs 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.minimum 4 star rating Make -Daikin (model:FHT60), O Genral/Mitsubi or equivalent as approved by the Engineer Charge.	2	Each	80913	Rupees Eighty thousand nine hundred thirteen only.	161826
2	Supplying and fixing 1.5 ton inverter split type air conditioner Hot and Cold with voltage stabilizer 140V 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 3 mtrs 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.minimum 4 star rating Make -Daikin (model:FHT50), O Genral/Mitsubi or equivalent as approved by the Engineer Charge.	4	Each	65808	Rupees Sixty five thousand eight hundred eight only.	263232

3	Supplying and fixing of 20 mm 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						0
3.01	20 mm	30	Mtr	79	Rupees seventy nine only.	2370	
4	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.	15	Mtr	158	Rupees One hundred fifty eight only.	2370	
5	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 .	15	Mtr	1350	Rupees One thousand three hundred fifty only.	20250	
6	Providing, laying and fixing of interconnecting copper piping with Nitrile tubular insulation AC indoor to outdoor for split type AC 1.5 ton and 1.8 AC as required complete in all respect.	10	Mtr	1150	Rupees One thousand one hundred fifty only.	11500	
7	Dismantal all type of air conditioner indoor and outdoor unit complete in all respect as required	7	Each	1500	Rupees One thousand five hundred only.	10500	
8	Reinstallation all type of air conditioner indoor and outdoor unit complete in all respect as required	6	Each	1500	Rupees One thousand five hundred only.	9000	
	TOTAL					481048	


Executive Engineer,
Electrical Division,
HPPWD., Una.