



Office of the
Executive Engineer
Electrical Division, HP PWD Una
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No.PW/EDU/CB//TA/Tender/2023-24/-

9699-9729

Dated

14-02-2024

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 Una/Hamirpur & Bilaspur.
3. All the contractors working under the control of this Division.
4. All the Head of Branches in this office.
5. Notice Board.


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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 contractors of appropriate class enlisted with HPPWD (Electrical). The tenders shall be opened on dated **26.02.2024** in presence of contractors/firms or their authorized representative who wish to be present.

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

TIME SCHEDULE OF TENDER

1.	Last date of receipt of application	:-	23-02-2024 up to 1.00 P.M.
2.	Date of sale of tenders	:-	23-02-2024 up to 5.00 P.M.
3.	Last date of receipt of bids	:-	26-02-2024 up to 11.30 A.M.
4.	Date of bid opening	:-	26-02-2024 up to 1.00 P.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	C/o HPPWD., Circuit House building at Una, Distt. Una (HP) (SH:- Balance work of E.I. and Ceiling fan therein).	3,78,708/-	7,600/-	Six Months.	350/-	Class- C,B
2	C/o ITI building Chintpurni at Nehrian, Tehsil Amb Distt. Una (H.P) ((SH:- Balance work of E.I. in Ground floor therein).	4,43,335/-	8,900/-	Six Months.	350/-	Class- C,B
3	C/o HPPWD., Circuit House building at Una, Distt. Una (HP) (SH:- Balance work fixtures therein).	4,09,140/-	8,200/-	Six Months.	350/-	Class- C,B
4	C/O Govt. Degree College Chowki Maniar in Tehsil Jole Distt. Una (H.P.) (SH :-Supplying & laying of Steel conduit Pipe therein)	4,93,472/-	9,900/-	Six Months	350/-	Class- C,B
5	C/O New Hall at Sr. Sec. School Andora under Swaran Jyanti Utkrisht Vidyalaya Yojna Tehsil Amb, Distt. Una. (H.P.) (SH:- Providing E.I therein)	1,31,185/-	2,700/-	One Year.	350/-	Class- D,C,

6	Providing special repair to various Air Conditioners of HP.PWD Circuit House, HP.PWD Circuit House, HP.PWD Rest House, HP.PWD Circle office and HP.PWD Division office Bilaspur in Distt. Bilaspur(H.P)	1,62,750/-	3,300/-	Six Months.	350/-	Specialized Job
7	Special Repair 1 No. 10 Passenger Elevator installed in ADR, Centre building at Una, Distt. Una (H.P)	89,964/-	1,800/-	Six Months	350/-	Specialized Job
8	Repair/service of 5 KVA D.G set installed at old Judicial Court Complex Amb Distt. Una H.P	41,689/-	Rs. 900/-	Six Months	350/-	Specialized Job
9	C/o Health Sub-Centre Nangal Jarayalan Teshi Ghanari Distt. Distt. Una (H.P) (SH:- Providing E.I. therein).	2,88,641/-	5,800/-	One Year.	350/-	Class- D,C
10	Replacement of defective tube fixtures, post top lantern, campus light cable etc. in PWD Rest House Jole Tehsil Jole Distt. Una H.P.	1,59,105/-	3,200/-	Six Months.	350/-	Class- D,C,
11	Damage wiring & accessories due to fire hazard occurred in store room of Sports Hostel Una, Distt. Una (H.P).	1,14,087/-	2,300/-	Six Months	350/-	Class- D,C,
12	Providing services of 01 No. Electrician/Tech. Gr.-II for attending complaints/Repair & maintenance in Bangana Section under Electrical Sub-Division, HP.PWD.,Una (w.e.f. one year from awarded date)	2,47,835/-	5,000/-	One Year	350/-	Class- D,C,
13	Providing services of 01 No. Electrician/Tech. Gr.-II for attending complaints/Repair & maintenance in Amb Section under Electrical Sub-Division, HP.PWD.,Una(w.e.f.one year from awarded date)	2,47,835/-	5,000/-	One Year	350/-	Class- D,C
14	C/o additional accommodation (2nos. class room in first Floor at Govt. High School Mandli in Tehsil Baganana Distt. Una (H.P). (SH Providing E.I. there in)	1,36,048/-	2,800/-	One Year.	350/-	Class- D,C
15	C/o Multipurpose Indoor sports hall at Atal Bihari Vajpayee Govt. Degree College Bangana in Distt Una (HP) (SH:-Providing Balance work of E.I. therein).	4,98,679/-	9,900/-	One Year.	350/-	Class- C,B
16	C/o Multipurpose Indoor sports hall at Atal Bihari Vajpayee Govt. Degree College Bangana in Distt Una (HP) (SH:-Providing Balance work of E.I. therein).	4,75,643/-	9,500/-	One Year.	350/-	Class- C,B
17	Providing Solar Light 30 watts in D.C Colony Una Distt. Una H.P (Phase-I).	4,76,346/-	9,600/-	Six Months.	350/-	Specialized Job

18	Annual Comprehensive Maintenance contract (AMC) of 1 Nos. Passenger lift (Johnson make) in Circuit House Hamirpur Distt. Hamirpur HP.(For the year 2023-24).	1,39,830/-	2,800/-	One Year.	350/-	Special Job
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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. 3,78,708/-							
Earnesdt Money:- Rs.7,600/-							
Time Limit:- Six Months.							
Name of work :- C/O HP.PWD.Circuit House building at Una, Distt.Una (HP) (SH :- Balance work of E.I. and Ceiling fan therein)							
Sr. No.	Description	Quantity	Rate In Fig.	In Woprds.	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 PVC conduit with modular switch, modular plates, suitable G.I. box 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-C	2.00	2026	Rupees Two thousand twenty six only.	Each	4052	
2	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. (KEI/Anchor/L&T/Plaza make)	25.00	488	Rupees Four hundred eighty eight only.	P/mtr.	12200	
3	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.(KEI/Anchor/L&T/Plaza make)						
3.01	2x1.5 Sq. mm.	25.00	358	Rupees Three hundred fifty eight only.	P/mtr.	8950	
4	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 5 pin 5/6 amps modular socket outlet and 5/6 amps, modular switch, connections etc. as required..(Legrand,L&T,Anchor make)	1.00	696	Rupees Six hundred ninety six only.	Each	696	

5	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required. (Legrand, L&T, Anchor make)	1.00	992	Rupees Nine hundred ninety six only.	Each	992
6	Providing, Installation, testing and commissioning of ceiling fan without regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required:- (Usha-EX 9 Good by dust) /Crompton/Bajaj or its equivalent make)					
6.01	Ceiling Fan 1200 mm sweep, Category-A	52.00	6254	Rupees Six thousand two hundred fifty four only.	Each	325208
7	Supplying and fixing Exhaust fan (Plastic) with louver shutter 200 mm.suitable for 240 volts A.C.supply 50 HZ on the existing opening.in/c making proper hole complete with connections etc, as required.(Usha Crisp air ex.fan Ivory or its equivalent make)	13.00	1868	Rupees One thousand eight hundred sixty eight only.	Each	24284
8	Supplying and fixing Cabin/wall fan 300 mm.sweep.A.C.supply,240 volts,50 HZ high speed on the existing wall complete with connections,testing and commissioning etc,as required.(Usha Helix Hi speed Wall Fan or its equivalent make)	1.00	2326	Rupees Two thousand three hundred twenty six only.	Each	2326
G. Total:-						378708

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

DRAFT SCHEDULE OF QUANTITY					
					Job No. 02
				Estimated Cost:- Rs. 4,43,335/-	
				Earnest Money:- Rs. 8,900/-	
				Time Limit:- Six Months.	

NAME OF WORK:-C/O I.T.I. building Chintpurni at Nehriam Tehsil Amb Distt. Una (H.P) (SH:- Balance work of E.I. in Ground floor therein).

Sr. No.	Description	Quantity	Rate In Fig.	In Words.	Unit	Amount
1	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required.(KEI,Anchor,Plaza make)					
1.01	3x10 Sq. mm.	196.00	518	Rupees Five hundred eighteen only.	P/mtr.	101528
1.02	6X10 Sq.mm.	216.00	1031	Rupees One thousand thirty one only.	P/mtr.	222696
1.03	3X1.5 Sq.mm.	116.00	104	Rupees One hundred four only.	P/mtr.	12064
1.04	3X2.5 Sq.mm.	72.00	163	Rupees One hundred sixty three only.	P/mtr.	11736
1.05	3X4 Sq.mm.	31.00	244	Rupees Two hundred forty four only.	P/mtr.	7564
2	Supplying and fixing of following sizes of PVC conduit along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required:-(Diplast,Polycab make)					0
2.01	25 mm. dia	40.00	104	Rupees One hundred four only.	P/mtr.	4160
3	Supplying and fixing following rating Modular switch /socket in the existing switch box / cover plate including connections etc. as required.(Make:- Legrand (Myrius), /Anchor(Roma plus)/L&T(Entice)					0
3.01	S.P. 15/ 16 Amps one way Modular switch.	36.00	213	Rupees one hundred thirteen only.	Each	7668
3.02	5 pin, 15/ 16 Amps Modular socket outlet.	36.00	293	Rupees Two hundred ninety three only.	Each	10548
4	Supplying and fixing Indicating bell Red & Green with 3 module box on the existing main door wall complete with connections etc. as required.	1.00	724	Rupees seven hundred twenty four only.	Each	724
5	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:-	0.27	6434	Rupees Six thousand four hundred thirty four only.	P/mtr.	1737
6	Supplying and fixing copper strip bus-bars suitable for 200 Amp. 415 volts capacity 4 No. each of cross-sectional area (25.4mmx4.75mm).in the existing enclosure with all accessories including connections etc. as required:-	3.55	10867	Rupees Ten thousand eight hundred sixty seven only.	P/mtr.	38578

7	Supplying and fixing copper strip bus-bars suitable for 500 Amp. 415 volts capacity 4 No. each of cross-sectional area (50.8mmx6.35mm), in the existing enclosure with all accessories including connections etc. as required:- (Legrand ,Schneider,Siemens,L&T make)	0.89	27339	Rupees Twenty seven thousand three hundred thirty nine only.	P/mtr.	24332
G. Total:-						443335


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

DRAFT SCHEDULE OF QUANTITY

Job No. 03

Estimated Cost:- Rs. 4,09,140/-

Earned Money:- Rs. 8,200/-

Time Limit:- Six Months.

Name of work :- C/O HP.PWD.Circuit House building at Una, Distt. Una (HP) (SH :-Balance work of fixtures therein)

Sr. No.	Description	Quantity	Rate In Fig.	In Woprds.	Unit	Amount
1	Supply and fixing of IP40 Led fixture 40 W with Surface Mounted 4 Feet with Polycarbonate diffuser with aluminium housing minimum lumen output 4000 lumens with P.F>0.95 with THD<10%, CRI 80, Surge Protection 2 Kv with IP Protection of IP20 .The LEDs with minimum life of 50000 burning hours. The LED shall be tested with LM80-08 standard with Useful life of 50000 Hrs at L70 with five years warranty . The LEDs used in the luminaire shall have CCT of ANSI Bin 5700 K with CRI of minimum 80. LEDs used must be tested as per EN62471 for Photobiological Safety of humans. 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 LL24-541-XXX-57-XX or Equivalent in Philips : BN308C LED40S-6500 L120 PSU WH or Trilux:TRL-X F OTA 4000-857 ET	1.00	2829	Rupees Two thousand eight hundred twenty nine only.	Each	2829
2	Supply and fixing of 2ft Led Batten 10 W surface mounted with polycarbonate diffuser and with extruded aluminium housing/polycarbonate housing minimum lumen output 1000 lumens P.F>0.95 with THD<20%, CRI 80, Surge Protection 2 Kv with IP Protection of IP20 .The LEDs with minimum life of 50000 The LEDs used in the luminaire shall have CCT of ANSI Bin 65000 K with CRI of minimum 80. LEDs used must be tested as per EN62471 for Photobiological Safety of humans. 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 LL20-111-XX-65NE3 or Equivalent in Philips : BN 0211 ED10S- 6500 PSU GR S1 or Trilux:TRL-X F OTA 2000-857 ET or LT	20.00	777	Rupees Seven hundred seventy seven only.	Each	15540
3	Providing and fixing MCCB two pole 32 to 63 amps. rating and 25 KA breaking capacity 240 volts AC, supply 50 HZ two pole DUJ 100 D type in the existing enclosure including making connections etc. as required. (L&T/ABB/Standard make)	5.00	1148	Rupees One thousand one hundred forty eight only.	Each	5740
4	Supplying and fixing of following way, sheet steel MCBTP distribution board, 440 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:- (Hager, ABB, L&T make)					
4.01	Double door MCBTPDB 12 way	1.00	5272	Rupees Five thousand two hundred	Each	5272
5	Supplying and fixing of following way, sheet steel MCBTP distribution board, 440 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:- (Hager, ABB, L&T make)					
5.01	Double door MCBTPDB 16 way	2.00	6451	Rupees Six thousand four hundred fifty one only.	Each	12902

6	S/F Computer board comprising 3 No.5 amps.switch (Modular) and 3 No.3 pin 5 amps. Socket out let (Modular) and 1 No.12 Modular switch board with cover plate including connections etc.as required,complete in all respects.(Make :- Legrand (Arteor)/ Anchor Panasonic (Vision)).	1.00	1608	Rupees One thousand six hundred eight only.	Each	1608
7	Supplying and fixing whisting Jis a premium LED bollard 7 watts ,with optically designed reflector and indirect-direct,downward directional,high performance,smartly designed asymmetric lighting for landscapes complete with connections etc as required. Make,Wipro cat.No.LB13-880-XXX-65-05 or its equivalent	2.00	8593	Rupees Eight thousand five hundred ninety three only.	Each	17186
8	Supplying and fixing whisting Jis a premium LED bollard 11 watts ,with optically designed reflector and indirect-direct,downward directional,high performance,smartly designed asymmetric lighting for landscapes complete with connections etc as required. Make,Wipro cat.No.LB13-131-XXX-65-05 or its equivalent	4.00	8678	Rupees Eight thousand six hundred seventy eight only.	Each	34712
9	Supply & fixing of Suspended mounted cylindrical led downlighter 30W Suspended Fixture having inset clear glass diffuser with extruded aluminium black housing minimum lumen output1000 lumens P.F >0.95 with THD<10%,CRI 80,with beam angle 36degree .The LEDs with minimum life of 50000 The LEDs used must be tested as per EN62471 for Photobiological Safety of humans. 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. : LD30-301-60W-40-PL or Equivalent in Philips and Trilux.	14.00	7034	Rupees Seven thousand thirty four only.	Each	98476
10	Supply and fixing of Led flexi strip light 10W/ Meter with CV driver for proper driving of LEDs. IP Protection of IP68,Including all accessories with colour temperature of 3000K. Wipro Cat. No.The fixture should be BIS Approved & Minimum five years warranty. LS27-005-120-WW-50/ Philips Color Kinetics ewFlex LMX gen 2/Trilux/LT	85.00	1781	Rupees One thousand seven hundred eighty one only.	Each	151385
11	Supply and fixing of LED Driver for Strip light 10W/meter complete with connections ewtc.as required.	70.00	907	Rupees Nine hundred seven only.	Each	63490
G. Total:-						409140


 Executive Engineer,
 Electrical Division,
 HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY				JOB NO. 41		
				Estimated cost:- Rs. 4,93,472/-		
				Earnest money:-Rs. 9900/-		
				Time :- Three months.		
Name of work :- C/O Govt. Degree College Chowkiminar 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.					
	(a) 25 mm. dia BEC/AKG ISI mark	1800	233	Rupees Two hundred thirty three only.	P/mtr.	419400
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.					
	(a) 25 mm. dia Diplast/BEC ISI mark	606	112	Rupees One hundred twelve only.	P/mtr.	67872
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.	100	62	Rupees sixty two only.	Each	6200
Total :-						493472


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

Job No. 5

DRAFT SCHEDULE OF QUANTITY

Estimated cost:- Rs. 1,31,185
Earnest money:- Rs. 2,700/-
Time Limit:- One year.

NAME OF WORK :- C/O New Hall at Sr. Sec. School Andora under Swaran Jyanti Utkrisht Vidyalaya Yojna Tehsil Amb, Distt. Una. (H.P.)

(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 point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. L&T/Anchor/SSK					
	Group C.	22	1550	Rupees One thousand five hundred fifty only.	Each	34100
2	Wiring for power plug with 4x4 sq.mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/ recessed steel conduit along with 2 NO. 4 sq.mm. HRFRLS/PV C insulated single core copper conductor cable for earthing as required. (Finolex/Anchor/KEI /Plaza make)	11	733	Rupees Seven hundred thirty three only.	Per metre	8063
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. (KEI, Anchor, Finolex/Plaza make)					0

	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	23	318	Rupees Three hundred eighteen only.	mtr	7314
	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	36	377	Rupees three hundred seventy seven only.	-do-	13572
	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	14	447	Rupees Four hundred forty seven only.	-do-	6258
4	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. (KEI, Anchor, Finolex, Plaza make)					0
	(a) 3x1.5 Sq. mm.	12	104	Rupees One hundred four only.	-do-	1248
	(b) 3x2.5 Sq. mm.	12	163	Rupes One hundred sixty three only.	-do-	1956
5	Supplying and fixing metal box of 7.9 x 9.9 x 4.6 cm 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. (L&T/SSK/Anchor make)	2	348	Rupees three hundred forty eighty eight only.	Each	696
6	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc as required. 207 mm X 207mm X 60 mm deep metal box Anchor July 2022	2	441	Rupees Four hundred forty one only.	Each	882
7	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. (Hager, ABB, L&T make)					0
	Single pole. Cat-A.	4	253	Rupees Two hundred fifty three only.	Each	1012

8	Supplying and erection of Isolator 40 A capacity, 240 volts 'C' curves of following poles in the existing MCB DB complete with connections etc. as required. Double pole Category-A.(Haggar,ABB,L&T make)						0
	(a) Double pole. Cat-A.(L&T)	1	391	Rupees three hundred ninety one only.	-do-	391	
9	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.(Haggar,ABB,L&T make)	1	2290	Rupees Two thousand two hundred ninety only.	Each	2290	
10	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface/recess, complete with tinned copper bus bar, 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. (Haggar,ABB,L&T make)					0	
	Double door-8 way	1	1674	Rupees One thousand six hundred seventy four only.	-do-	1674	
11	Providing, Installation, testing and commissioning of ceiling fan with modular step type electronic fan regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required. Ceiling Fan 1200 mm sweep, Usha Technix Plus/Bajaj/Crompton as approved Er in.Charge at site .					0	

	(a) Ceiling Fan 1200 mm sweep, Category-A	6	3832	Rupees Four thousand four hundred forty seven only.	Each	22992
12	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.	6	22	Rupees seventy seven only.	-do-	132
13	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	5413	Rupees Five thousand four hundred thirty only.	Per Set	5413
14	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.	22	87	Rupees Eighty seven only.	P/Mtr.	1914
15	Supplying and fixing following rating Piano-type switch /socket on the existing switch box / cover including connections etc. as required.					0
	(a) S.P. 5/ 6 Amps one way switch,	6	33	Rupees thirty three only.	Each	198
16	(b) 5 pin 5/ 6 Amps socket outlet,	6	86	Rupees Eighty six only.	Each	516
17	Providing and fixing LED surface/pendent mounting Tube fixture 22 watts LED batten aluminium housing high transmissibility diffuser CCT CW complete with connections and as per best satisfaction of Engineer-in-Charge complete as required.(Jaquar code No LGLZU1X022XC /Philips/Panasonic/Tisva make)	6	762	Rupees Seven hundred sixty two only.	Each	4572
18	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:-					0
19	Exhaust Fan Light Duty 300mm(Usha Aeroclean Plus GBD) /(Crompton Semi commercial Transair Double Ball Bearing)	2	3231	Rupees three thousand two hundred thirty one only.	Each	6462

20	S/F of exhaust fan louver shutter for 300 mm. exhaust fan on the existing wall complete with connections etc. as reqd.	2	730	Rupees Seven hundred thirty only.	Each	1460
21	Providing and fixing LED Street light 25 watts aluminium powder coated housing ,with Polycarbonate LENS for uniform light distribution ,and bracket of steel conduit pipe 65 mm., complete with all accessories,connections,testing and commissioning etc.as required. Cat.No. LTRUMP0025XC,CCT CW/Panasonic cat.No PSTM.01257,6000K,2500 lumen output make)	2	3528	Rupees three thousand five hundred twenty eight only.	Each	7056
22	Supplying and fixing PVC batten/ angle holder including connection etc. as required.	6	41	Rupees Forty one only.	Each	246
23	Supplying and fixing LED Lamp 9 watts , 6500K,900 Lumens 240 volts AC.supply 50 Hz in the existing batten holder,pendent holder,wall bracket & bulk head fitting etc, as required.Panasonic code PBUM01097/Tisva/Philips make)	6	128	Rupees One hundred twenty eight only./	Each	768
	Total :-					131185


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

Job No. 6

DRAFT SCHEDULE OF QUANTITY

Estimated cost:- Rs. 1,62,750/-
Earnest money:- Rs. 3,300/-
Time Limit:- Six months.

Name of work :-Providing special repair to various Air Conditioners of HP.PWD Circuit House, HP.PWD Rest House, HP.PWD Circle office and HP.PWD Division office Bilaspur in Distt. Bilaspur(H.P)

S. No.	Description	Quantity	Rate In Fig.	In Words.	Unit	Amount
1	Replacement of of 1.5 ton capacity in split type Air conditioner unit compressor make Kirloskar make Highli, Toshiba complete all respect.	4	13250	Rupees thirteen thousand two hundred fifty only.	Each	53000
2	Replacement of PCB Indor unit Inverter type 1.5 ton split type Air Conditioner (Hot & Cold) complete in all respect.	4	7300	Rupees Seven thousand three hundred only.	Each	29200
3	Replacement of PCB outdoor Inverter type 1.5 ton Hot and Cold split type Air Conditioner complete in all respect.	3	9400	Rupees Nine thousand four hundred only.	Each	28200
4	Refilling of Gas in Split type Air Conditioner 1.5 ton capacity as required complete in all respects,testing and commissioning etc.	5	2650	Rupees Two thousand six hundred fifty only.	Each	13250
5	Nitrogen Gas leakage testing and bacunmation of Indoor and outdoor unit split type Air Conditioner 1.5 ton capacity complete in all respects.	6	3350	Rupees three thousand three hundred fifty only.	Each	20100
6	Dismantlaing and refitting of split type Air Conditioner unit as required .	5	3800	Rupees three thousand eight hundred only.	Each	19000
	Total :-					162750


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

Job No. 7

DRAFT SCHEDULE OF QUANTITY

Estimated cost:- Rs. 89,964/-
Earnest money:- Rs. 1,800/-
Time Limit:- Six months.

Name of work:- Special repair q 01 Nmo. 10 Passengers Elevator installed in ADR Centre building at Una Distt. Una (H.P).

S.No.	Description	Quantity	Rate In Fig.	In words.	Unit	Amount
1	Supplying and fixing of Door contact projection -A2 061K 3487, Schmersal for 10 Passengers lift etc.	10	732	Rupees Seven hundred thirty two only.	Each	7320
2	Supplying and fixing of emergency Light Charger cum timer for 10 Passengers lift etc. as required.	1	4224	Rupees Four thousand two hundred twenty four only.	Each	4224
3	Supplying and fixing of Charger Battery (12 Volts-2.5AH Amaron)for 10 Passengers Lift etc. as required.	1	2160	Rupees Two thousand one hundred sixty only.	Each	2160
4	Supplying and fixing of Car top station board for nice 3000 serial comm.controller. MCTC CTB A for 10 passengers lift etc. as required.	1	12540	Rupees Twelve thousand five hundred forty only.	Each	12540
5	Supplying and fixing of Battery 12 V 7 AH-Model 12VL007-SMF-VRLA-Amaron for 10 passengers lift etc. required,	4	1848	Rupees One thousand eight hundred forty eight only.	Each	7392
6	Supplying and fixing of Hook Assembly L.H(Pod valance plate assy-schmersal switch) 26-08-CO-7-02-00-BD for 10 passengers lifts ect. as required.	4	3696	Rupees three thousand six hundred ninety six only.	Each	14784
7	Supplying and fixing of Hook Assembly R.H(Pod valance plate assy-schmersal switch) 26-08-CO-8-02-00-BD for 10 passengers lifts ect. as required.	4	3696	Rupees three thousand six hundred ninety six only.	Each	14784
8	Supplying and fixing of IP-656 PIT switch assy 48-0-ptsw -00 for 10 passenger lift etc. as required.	1	1584	Rupees One thousand five hundred eighty four only.	Each	1584
9	Supplying and fixing of Nylon Roller "U" Assy for 10 passengers lift as required.	13	660	Rupees Six hundred sixty only.	Each	8580
10	Supplying and fixing of Metal Roller "U" Assy 25-08-CO-7-04-02-0-0 for 10 passengers lift as required.	17	660	Rupees Six hundred sixty only.	Each	11220

11	Supplying and fixing of Door slippers (POD) for 10 passengers Lifts etc. as required.	16	336	Rupees three hundred thirty six only.	Each	5376
	Total					89964


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



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

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

Job No. 9

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- C/O Health Sub Center at Nangal Jarialan Tehsil Ghanari Distt.Una.(HP)			Estimated cost:- Rs. 2,88,641/-		
(SH Providing E.I.there in)			Earnest money:-Rs. 5,800/-		
Description			Time Limit:- One year.		
S. No.	Description	Quantity	Rate In Fi	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.(SSK,Anchor,L&T make)	25	1541	Rupees One thousand five hundred forty one only.	Each 38525
	(a) Group C.				
	(b) Group A	19	1272	Rupees One thousand two hundred seventy two only.	Each 24168
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.4 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required. (Finolex,KEI,Anchor,Plaza make)	54	318	Rupees three hundred eighteen only.	P/mtr. 17172
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.1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required. (Finolex,KEI,Anchor,Plaza make)	51	456	Rupees Four hundred fifty six only.	P/mtr. 23256
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,Plaza make)	40	732	Rupees Seven hundred thirty two only.	P/mtr. 29280
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,Plaza make)				

	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	54	318	Rupees three hundred eighteen only.	P/mtr.	17172
	2x6 Sq. mm.+ 1 X6 sq. mm earth wire	36	627	Rupees Six hundred twenty seven only.	P/mtr.	22572
	2x10 Sq. mm.+ 1 X6 sq. mm earth wire	2	808	Rupees Eight hundred eight only.	P/mtr.	1616
6	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required. (Finolex,KEI,Anchor,Plaza make)					
	3x1.5 Sq. mm.	24	104	Rupees One hundred four only.	P/mtr.	2496
7	Supplying and fixing bakelite batten/angle holder including connections etc. as required:- Anchor/SSK	6	41	Rupees Forty one only.	Each	246
8	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:- .Make:- SSK , Anchor as approved by Engineer-in -charge .	2	337	Rupees three hundred thirty seven only.	Each	674
9	Supplying and fixing Power plug socket with MCB Protection 25 Amps with Plug top and 4 Module box including making connections, testing etc. as required. (SSK , Cat.No.PSM-1501, HSN Code 8536/Anchor Classic 98489/ L&T make)	2	909	Rupees Nine hundred nine only.	Each	1818
10	Supplying and fixing metal box of 7.9 x 9.9 x 4.6 cm 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. (L&T/SSK/Anchor make)	10	253	Rupees Two hundred fifty three only.	Each	2530
11	Supplying and fixing metal box of 7.9 x 9.9 x 4.6 cm 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. (L&T/SSK/Anchor make)	8	348	Rupees three hundred forty eight only.	Each	2784
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:-L&T/ABB/Legrand					
	Single pole. Cat-A.	16	253	Rupees Two hundred fifty three only.	Each	4048
13	Supplying and erection of Isolator 63 A capacity, 240 volts 'C' curves of following poles in the existing MCB DB complete with connections etc. as required. Double pole Category-A. (Haggar,ABB,L&T make)					
	Double pole. Cat-A.	2	479	Rupees Four hundred seventy nine only.	Each	958
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 milliampers in the existing MCB DB complete with connections, testing and commissioning etc. as required. L&T/ABB/Legrand					

63 Amps. Cat-A.		2	2915	Rupees Two thousand nine hundred fifteen only.	Each	5830
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:-L&T/ABB/Legrand					
	Double door-12 way	2	1964	Rupees One thousand nine hundred sixty four only.	Each	3928
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 with charcoal or coke and salt) complete as required.	1	5413	Rupees Five thousand four hundred thirteen only.	P/set	5413
17	Supplying and laying 6 SWG G.I. wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required.	30	87	Rupees Eighty seven only.	P/mtr.	2610
18	Providing, Installation, testing and commissioning of ceiling fan with 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:- (Ceiling Fan 1200 mm sweep, Usha Technoaire BLDC without remote/Bajaj/Crompton as approved Er in.Charge at site .(warranty five years)	7	4447	Rupes Four thousand four hundred forty seven only.	Each	31129
19	Supplying and fixing Fan box of M.S.sheet with iron rod hook 12 mm.in place of junction box complete as required.National or its equivalent	7	22	Rupees Twenty two only.	Each	154
20	Supplying and fixing surface mounting LED 12 watts die cast aluminium housing round down light for soft diffuse lighting cool white and it should be compatible with specifications i.e.Power factor >0.9, Harmonic distortion <10% & efficacy >100 Lumen per watts,CCT CW complete with connections etc.as required. (Jaquar Nero Surface Code No.LNRO02R012SC/Wipro/Panasonic make)	6	852	Rupees Eight hundred fifty two only.	Each	5112
21	Providing and fixing LED surface/pendent mounting Tube fixture 22 watts LED batten aluminium housing high transmissibility diffuser CCT CW complete with connections and as per best satisfaction of Engineer-in-Charge complete as required.(Jaquar code No LGLZU1X022XC /Philips/Panasonic/Tisva make)	7	762	Rupees Seven hundred sixty two only.	Each	5334
22	Supplying and fixing 4x1' Ultra SlimLED Tube fixture 33 watts surface mounting with HET plastic diffuser with CRCA powder coated housing and it should be compatible with specification i.e Power factor >0.9, Harmonic distortion < 10% & efficacy> 100 Lumen per watts, CCT CW complete with all accessories, connections, testing and commissioning etc. as required (Jaquar cat no. LULU4SLO33XC/ Panasonic /Wipro make)	4	2682	Rupees Two thousand six hundred eighty two only.	Each	10728

23	Providing and fixing LED Street light 25 watts aluminium powder coated housing ,with Polycarbonate LENS for uniform light distribution ,and bracket of steel conduit pipe 65 mm., complete with all accessories,connections,testing and commissioning etc.as required. Cat.No. LTRUMP0025XC,CCT CW/Panasonic cat.No PSTM.01257,6000K,2500 lumen output make)	2	3538	Rupees three thousand five hundred thirty eight only.	Each	7076
24	Supplying and fixing of fancy wall bracket of Jaquar make model Cat.No.DWL-NKL-WLRB0480SE27, 1 Light opal Glass with nickel finish wall lamp, E-27LED 7WX1,containing 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/Tisva as approved by Engineer-in -charge.	2	1382	Rupees One thousand three hundred eighty two only.	Each	2764
25	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 Aeroclean LD GBD/Crompton/Bajaj					0
	Exhaust Fan, Light duty, 300 mm sweep	4	2699	Rupees Two thousand six hundred ninety nine only.	each	10796
26	Supply and fixing exhaust fan Louver shutter for 300/380mm exhaust fan on the existing wall painting including 12 mm thick wooden ply board for suitable size of exhaust fan hole.National or its equivalent make	4	730	Rupees Seven hundred thirty only.	each	2920
27	Supplying and fixing LED Lamp 9 watts , 6500K,900 Lumens 240 volts AC.supply 50 Hz in the existing batten holder,pendent holder,wall bracket & bulk head fitting etc, as required.Panasonic code PBUM01097/Tisva/Philips make)	9	128	Rupees One hundred twenty eight only.	each	1152
28	Wiring for sub main wiring with following sizes of weather proof twin core aluminium conductor cable on G.I.bearer wire etc,as required.					
	10 sq. mm (Twin core)	60	73	Rupees seventy three only.	mtr	4380
	Total:-					288641


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

Job No. 10

DRAFT SCHEDULE OF QUANTITY

Estimated cost:- Rs. 1,59,105/-
Earnest money:- Rs. 3,200/-
Time Limit:- Six months.

NAME OF WORK : Replacement of defective tube fixtures, post top lantern, campus light cable etc. in PWD Rest House Jole Tehsil Jole Distt. Una H.P.

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:-					
	25 mm. dia	6	271	Rupees Two hundred seventy one only.	Meter	1626
2	Supplying and fixing following rating Modular switch /socket in the existing switch box / cover plate including connections etc. as required.(Legrand (Myrius) ,L&T(Oris),Anchor (Roma plus) make					
	S.P. 5/ 6 Amps one way Modular switch.	8	90.00	Rupees Ninety only.	each	720
	5 pin, 5/ 6 Amps Modular socket outlet	4	130.00	Rupees One hundred thirty only.	each	520
	S.P. 15/ 16 Amps one way Modular switch.	6	160.00	Rupees One hundred sixty only.	each	960
	6 pin, 15/ 16 Amps Modular socket outlet	2	197.00	Rupees One hundred ninety seven only.	each	394
3	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:- (Usha-Technix plus/Crompton/Bajaj BEE Min.3 Star rated model))Tech. specifications:-100-240V,50 Hz,speed 330 rpm,power consumption 43 watt..					
	Ceiling Fan 1200 mm sweep.	4	2843	Rupees Two thousand eight hundred forty three only.	Each	11372
4	Supplying and fixing stepped type Modular fan regulator on the existing modular box including making connections etc. as required.(Panasonic ,L&T,Anchor make)	8	358.00	Rupees three hundred fifty eight only.	each	2864
5	Supplying and fixing Cabin/wall fan 400 mm sweep,AC supply,240 volts 50 HZ high speed on the existing wall complete with connections,testing and commissioning etc.as required.(Usha make (WF)Mist Air DUOSilcy Blue/Balaji/Crompton or its equivalent make)	1	2666	Rupees Two thousand six hundred sixty six only.	Each	2666
6	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 6 pin 5/6amps modular socket outlet and 5/6amps, modular switch, connections etc. as required..(Legrand (Myrius) ,L&T(Oris),Anchor (Roma plus) make	1	526.00	Rupees five hundred twenty six only.	each	526
6	Supplying and fixing G.I. Modular box of (140mmx78mmx50mm) size with modular plate and cover in recess including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required..(Legrand (Myrius) ,L&T(Oris),Anchor (Roma plus) make	1	665.00	Rupees six hundred sixty five only.	each	665

7	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:-							
	Exhaust Fan, light duty, 300 mm sweep (Category A)Usha -AEROCLEAN LD GBD /Bajaj/Crompton or its equivalent make	2	2156	Rupees Two thousand one hundred fifty six only.	Each	4312		
8	S/F of exhaust fan louver shutter i/c covering with ply board for 300 mm. exhaust fan on the existing wall, painting etc. as required.	2	449	Rupees four hundred forty nine only.	Each	898		
9	Supplying and drawing following size of HRFR LS) pvc insulated (ib) copper conductor single core cable in existing surface / recessed, Steel/PVC conduit as required.(KEI/Anchor/L&T make)							
	3x1.5 Sq. mm.	18	100	Rupees One hundred only.	P/mtr.	1800		
	3x4 Sq. mm.	36	230	Rupees Two hundred thirty only.	P/mtr.	8280		
10	Supplying and fixing LED Tube fixture 40 watts surface pendant mounting extruded aluminium coated body and it should be compatible with specification i.e Power factor >0.9, Harmonic distortion < 10% & efficacy> 100 Lumen per watts, CRI > 80, 5700 K suitable for input voltage 220-240 volts 50 HZ IP rating 20 Surge rating upto 3 KV, diamensions 1195x295mm complete with all accessories connections, testing and commissioning etc. as required (Wipro cat no. Optima LL24-541-XXX-57-XX / Philips/Tisva make),	2	2443	Rupees Two thousand four hundred forty three only.	Each	4886		
11	Providing and fixing LED streetLight 45 watts CCT 5700K ,CRI>80, Surge rating 5kv, IP 66 Dimensions A-39.9 B-12.05 C-8.5, input voltage140V-270v,50Hz,A.C.Supply with M.S.bracket 62 mm.dia withpowder coated aluminium housing on the existing pole including connections complete in all respects and best satisfaction of Engineer -in-charge at site (Wipro Skyline + LR06-611-XXX-57-XX/Philips/Tisva make)	1	5527	Rupees Five thousand five hundred twenty seven only.	Each	5527		
12	Supplying and fixing bakelite batten/angle holder including connections etc. as required:- (SSK,Anchor make)	8	61	Rupees sixty one only.	Each	488		
13	Supplying and fixing LED Lamp 9 watts, 825 Lumens 240 volts AC supply 50 Hz in the existing batten holder,pendent holder,wall bracket & bulk head fitting etc, as required.(Philips Ace Saver HSN CODE 85395000/Tisva/Panasonic make)	8	151	Rupees One hundred fifty one only.	Each	1208		
14	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase,230 volts complete as required:- (SSK,Anchor make)	1	404	Rupees four hundred four only.	Each	404		
15	Supplying and fixing Electrical bell indicator, suitable for D.C./A.C. single phase,230 voltscomplete as required (SSK,Anchor make)	1	2582	Rupees Two thousand five hundred eighty two only.	Each	2582		
16	Providing and fixing LED surface/pendent mounting Tube fixture 20 watts LED batten anodized extruded aluminium housing high transmissibility diffuser and it should be compatible with specifications i.e.Power factor >0.9,Harmonic distortion <10% & efficacy >100 Lumen per watts,CRI >80 ,6500 K suitable for input voltage160-360 Volts,50 HZ, mm.complete with connections and as per best satisfaction of Engineer-in-Charge complete as required.(Wipro Trim Neo LL20-281-XXX-65AL1 /Philips/Tisva make)	6	1175	Rupees One thousand one hundred seventy five only.	Each	7050		

17	Supplying and fixing LED Tube fixture 10watts surface mounting 2feet with polycarbonate diffuser with aluminium housing and it should be compatible with specification i.e 2000 Lumen output,CRI>80, p.f 0.85 suitable for input voltage 150-270, volts 50 HZ, complete with all accessories connections, testing and commissioning etc. as required(Wipro LL20-111-XXX-65-AL1/ Philips/OSRAM make),	2	630	Rupees six hundred thirty only.	Each	1260
18	Supplying and fixing of Bed light bracket Spot light LED 4 watts product code no.56240Philips/Tisva make as required,complete withconnections etc. as reqd.and approved by the Engineer-in-Charge.	4	2361	Rupees Two thousand three hundred sixty one only.	Each	9444
19	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, providing and fixing of Non-return valve, Dead weight safety valve, 2 No C.P. connection rods 18" long, making good the damages, electrical connections, safety valve connections, testing and commissioning etc. as required:-					
	35 Liter capacity water heater (Cat-A)Recold/ Jaquar make	1	13300	Rupees thirteen thousand three hundred only.	Each	13300
20	Providing and fixing following rating and breaking capacity MCCB in the existing cubical panel board including drilling holes in the cubicle panel, making connections, etc. as required. (Haggar,ABB,L&T make)					
	63 Amp. -18 KA	1	5058	Rupees Five thousand fifty eight only.	Each	5058
21	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:- (Haggar,ABB,L&T make)					
	(a) Single pole..Cat-A.	6	202	Rupees Two hundred two only.	Each	1212
22	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.					
	63 Amps. Cat-A.	1	500	Rupees five hundred only.	Each	500
23	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliampers in the existing MCB DB complete with connections, testing and commissioning etc. as required. (Haggar,ABB,L&T make)					
	63 Amps. Cat-A.	1	3140	Rupees three thousand one hundred forty only.	Each	3140
24	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:-	1	5131	Rupees five thousand one hundred thirty one only.	P/mtr.	5131
25	Providing and laying of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured/XLPE power cable, working voltage 1100 volts grade direct in ground; to be laid 1 meter below the ground level including excavation and refilling the trench etc. of the required size;-but excluding sand cushioning and protective covering(Havells,L&T,KEI make)					
	Armoured cable 10 sq. mm (twin core)	52	272	Rupees Two hundred seventy two only.	P/mtr.	14144

26	Supplying and fixing Present Post top lantern LED 40 watts made of spun alumn. with sturdy bracket with Powered LED are mounted directly on extruded aluminium heat sinks. A UV stabilized PC/PMMA diffuser is provided for glare free lighting with high visual comfort input voltage AC-100-270, Frequency 50-60HZ, Power factor 0.950, efficacy 100 Lum/W, CRI 80, THD 10% LIFE 50000 H. Colour temperature NW 4000K. (Twinkle LuxMax-PT-157 Post top /Bajaj /K-Lite make	2	21314	Rupees Twenty one thousand three hundred fourteen only.	Each	42628
27	Supplying and fixing Fancy wall bracket containing GLS lamp holder (s) of all sizes and shapes, complete with all accessories but excluding CFL lamp including making connections, testing etc. as required. (Decon make, Srilanka model Cat.No.050Q GLS-60W/Philips/Tisva make)	2	1770	Rupees One thousand seven hundred seventy only.	Each	3540
	Total :-					159105


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

Job No. 11

DRAFT SCHEDULE OF QUANTITY

DRAFT SCHEDULE OF QUANTITY

		Esimated cost:- Rs. 1,14,087/-				
		Earnest money:-Rs. 2,300/-				
		Time Limit:- Six months.				
Name of work :-Damage report due to fire hazard occurred in store room of Sports Hostel Una, Distt.Una (HP)						
S. No.	Description	Quantity	Rate In Fig.	In Words	Unit	Amount
1	Re-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 existing surface/recessed Steel / PVC conduit and earthing the light point with 1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable including dismantling of the existing wiring as required. (including switch & bakelite sheet etc.)	8	533	Rupees Five hundred thirty three only.	Each	4264
b	Group B.					
2	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)	7	1488	Rupees One thousand four hundred eighty eight only.	Each	10416
	Group - B					
3	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)	58	82	Rupees Eighty two only.	P/mtr.	4756
	3x1.5 sq.mm.					
	6x1.5 sq.mm.	43	145	Rupees One hundred forty five only.	P/mtr.	6235
	3x4.0 sq.mm.	69	242	Rupees Two hundred forty two only.	P/mtr.	16698
	6x4.0 sq.mm.	66	495	Rupes Four hundred ninety five only.	P/mtr.	32670

4	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. (Finotex,KEI,Anchor,L&T make)	10	343	Rupees three hundred forty three only.	P/mtr.	3430
5	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.	2	461	Rupees Four hundred sixty one only.	Each	922
6	Supplying and fixing following rating P/T switch /socket in the existing switch box / cover plate including connections etc. as required. (SSK,L&T,Anchor SP. 5/ 6 Amps one way P/T Switch 5 pin, 5/ 6 Amps socket outlet P/T.	1	49	Rupees forty nine only.	Each	49
		1	71	Rupees Seventy one only.	Each	71
7	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)					
	Ceiling Fan 1200 mm sweep, Category-A	2	2814	Rupees Two thousand eight hundred fourteen only.	Each	5628
8	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)	2	462	Rupees Four hundred sixty two only.	Each	924
9	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)					
	Exhaust Fan, Heavy duty, 300 mm sweep	1	3856	Rupees three thousand eight hundred fifty six only.	Each	3856
1	Supplying and fixing exhaust fan louver shutter for 300 mm.exhaust fan on the existing wall,painting etc, as required.	1	562	Rupees Five hundred sixty two only.	Each	562

11	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.	4	831	Rupees Eight hundred thirty one only.	Each	3324
12	Supply& Fixing of led fixture 18 W LED Surface Mounted Downlighter Round Shape with minimum system lumen efficacy of 90 lm/W with and P.F.>0.95 with THD<20% ,CRI 80.The LED shall be tested with LM80-08 standard with Useful life of 50000 Hrs at L70. The LEDs used in the luminaire shall have CCT of ANSI Bin 6000 K with CRI of minimum 80. LEDs used must be tested as per EN62471 for Photobiological Safety of humans. The Input voltage range shall be 150V to 270V .Fixture have Surge Protection 2kV .Driver Output voltage shall be less than SELV Limits for safe operation and maintenance.Wipro Cat. No LD80-171-XXX-60-SM or Equivalent in Philips: SM251C LED20S- 6500 PSU WH or Trilux :Ambiella IND D LED1000-860 ET 01 ET or LT :	6	2694	Rupees Two thousand six hundred ninety four only.	Each	16164
13	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)	2	243	Rupees Two hundred forty three only.	Each	486
14	Supplying and fixing Fancy wall bracket,single holder size 170x255 GLS 60w.mm.excluding of lamp,complete making connections etc.as required.(Decon make, Cat.No..050Q or its equivalent make)	2	1816	Rupees One thousand eight hundred sixteen only.	Each	3632
Total :-						114087


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

Job No. 12

DRAFT SCHEDULE OF QUANTITY

Estimated cost:- Rs. 2,47,835/-
Earnest money:- Rs. 5,000/-
Time Limit:- One year.

Name of work:- Providing services of 01 No. Electrician/Tech. Gr-II for attending complaints/Repair & maintenance in Bangana Section under Electrical Sub-Division, HP.PWD.,Una(w.e.f.one year from awarded date)

Sr. No.	Description of Items.	Quantity	Rate In fig.	In Words.	Unit	Amount
1	Providing Services on temporary basis Electrician Technician Gr-II for attending complaints and maintenance in HP.PWD (E) Section Bangana during working (9.00Am to 5.00PM) or as when required by the Officer-in-charge.	365 days	679	Rupees Six hundred seventy nine only.	P/day	247835
	Total:-					247835

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

Job No. 13

DRAFT SCHEDULE OF QUANTITY

Estimated cost:- Rs. 2,47,835/-
Earnest money:- Rs. 5,000/-
Time Limit:- One year.

Name of work:- Providing services of 01 No. Electrician/Tech. Gr-II for attending complaints/Repair & maintenance in Amb Section under Electrical Sub-Division, HP.PWD.,Una(w.e.f.one year from awarded date)

Sr. No.	Description of Items.	Qty.	Rate In fig.	In Words.	Unit	Amount
1	Providing Services on temporary basis Electrician Technician Gr-II for attending complaints and maintenance in HP.PWD (E) Section Amb during working ((9.00Am to 5.00PM) or as when required by the Officer-in-charge.	365 days	679	Rupees Six hundred seventy nine only.	P/day	247835
Total:-						247835


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

Job No. 14

DRAFT SCHEDULE OF QUANTITY						
			Estimated cost:- Rs. 1,36,048/-			
			Earnest money:- Rs. 2,800/-			
			Time Limit:- One year.			
NAME OF WORK:- C/O Additional accomodation 2 nos. class room in First Floor at Govt. High School Mandli in Tehsil Bangana Distt Una (HP) (SH:- Providing E.I. therein)						
Sr. No.	Description of Items	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. HRERLS/PVC insulated single core copper conductor cable as required (Make:-Legrand (Myrius). L&T(Oris/Entice), Anchor(Roma plus).SSK	31	1398	Rupees One thousand three hundred ninety eight only.	P/Point	43338
	Group C					0
2	Wiring for twin control light point with 1.5 sq.mm FRLSPVC insulated copper conductor single core cable insurface / recessed steel conduit, 2 way piano type switch, phenolic laminated sheet suitable size MS box . and earthing the point with 1.5 sq.mm FRLS / PVC insulated copper conductor single core cable etc. as required. (Make:-Legrand (Myrius). L&T(Oris/Entice) Anchor(Roma plus).SSK	2	1416	Rupees One thousand four hundred sixteen only.	P/Point	2832
	Group C					

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. (Make:KEI, Anchor SSK)	40	Metre	306	Rupees three hundred six only.	P/mtr	12240
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.(Make:-KEI, Anchor, SSK)						0
i	2x6.0 Sq.mm.	5	Metre	501	Rupees Five hundred one only.	P/mtr	2505
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. (Make:-KEI,Anchor, SSK)						0
i	3x1.5 Sq.mm.	22	Metre	107	Rupees One hundred seven only.	P/mtr	2354
6	Supplying and fixing metal box of 180mmx100mmx 60mm 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..(Make:-Legrand (Myrius),L&T(Oris/Entice), Anchor(Roma plus) SSK	2	Nos	280	Rupees Two hundred eighty only.	Each	560
7	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'C' miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required:						0

	Single pole. Cat-A. Makes:- L&T/Legrand/Schneider.	4	Nos	195	Rupees One hundred ninety five only.	Each	780
8	Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required						0
i	40 Amps. Cat-A. Makes:- L&T/Legrand/Schneider	1	Nos	401	Rupees Four hundred one only.	Each	401
9	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit (RCCB), having a sensitivity current up to 300 miliampers in the existing MCB DB complete with , testing and commissioning etc. as required.						0
i	40 Amps. Cat-A. Makes:- L&T/Legrand/Schneider	1	Nos	2368	Rupees Two thousand three hundred sixty eight only.	Each	2368
10	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board. 240 volts, on surface / recess, complete with tinned copper bus- bar, wire-set, neutral link, earth bar, din-bar. detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and						0
i	Double door 8 way. Makes:- L&T/Legrand/Schneider.	1	Nos	1836	Rupees One thousand eight hundred thirty six only.	Each	1836
11	Providing Installation testing and commissioning of ceiling fan with socket size modular steo type electronic fan regulator including wiring the down rods of standardlength (Up to 20 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.						0
i	Ceiling Fan 1200 mm sweep. Category-A Makes:-Usha Technic plus 3star/Bajaj Three Star.	8	Nos	2883	Rupees Two thousand eight hundred eighty three only.	Each	23064

12	Supplying and fixing surface mounting Square type LED 20 Watt (2200 lumen), 4000K and it should be compatible with specifications i.e. power factor 2 0.9, harmonic distortion = 10% and efficacy z 100 lumens per watt. CRI > 80, suitable for input voltage AC 220-240V, 50/60 Hz complete with all accessories. connections, testing and commissioning etc. complete with all accessories, connections, testing and commissioning etc. as required complete in all respects. Including five years warranty as required.	6	Nos	1679	Rupees One thousand six hundred seventy nine only.	Each	10074	0
13	Cat No PDL11206BS(Square 20 W) Wipro/Philips/Jaquar or Equivalent Providing and fixing decorative extruded tube fixture having high quality design suitable for LED tube up to 36 Watt (3960 lumen) 4000K and it should be compatible with specifications i.e. power factor 2 0.9, harmonic distortion < 10% and efficacy > 100 lumens per watt, CRI > 80, suitable for input voltage AC 220240V. 50/60 Hz, including one no. tube rod 36 Watt complete with all accessories, connections, testing and commissioning etc. as required. complete with all accessories, connections, testing and commissioning etc. as required complete in all respects. Including five years warranty as required.						0	
	Cat No :- Panasonic(PBTM08368-36W-Tube Light 4 Feet Long)/ Wipro/ Philips /Jaquar or equivalent.	16	Nos	1055	Rupees One thousand fifty five only.	Each	16880	

14	Providing and fixing following type of Flood Light 50 Watts (5500 Lumens), 5700K mounting luminaire with powder coated CRCA sheet steel housing, diffuser to avoid glare, pre-wired with, starter, trigger circuit, surge protection circuit lumen output of 100 lumens per watt complete with all accessories, connections, testing and commissioning etc. as required. Including five years warranty as required.	2	Nos	5277	Rupees Five thousand two hundred seventy seven only.	Each	10554	0
15	Cat No :- Panasonic(PFLM11508-50Watts)/Jaquar/Wipro/Philips or equivalent. Earthing with copper earth plate 600 mmx600 mmx 3 mm thick, including accessories and provide 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	Sets	4199	Rupees Four thousand one hundred ninety nine only.	Per Set	4199	
16	Extra for using salt and charcoal for pipe earth electrode complete as required.	1	Sets	1061	Rupees One thousand sixty one only.	Per Set	1061	
17	Providing and fixing 6 SWG (4 mm dia) G.I. wire on surface or in recess for loop earthing as required.	20	Metre	50	Rupees fifty only.	P/mtr	1000	
	TOTAL						136046	


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

Job No. 15

DRAFT SCHEDULE OF QUANTITY

						Estimated cost:- Rs. 4,98,679/-
						Earnest money:- Rs. 9,900/-
						Time Limit:- One year.
NAME OF WORK: C/O Multipurpose Indoor sports hall at Atal Bihari Vajpayee Govt. Degree College Bangana in Distt Una (HP) (SH:-Providing Balance work of E.I. therein).						
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 with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq. mm. HRFRLS/PVC insulated single core copper conductor cable as required. (Make:-Legrand (Myrius), L&T (Entice), Anchor(Roma plus)	2	1720	Rupees One thousand seven hundred twenty only.	P/Point	3440
2	Providing, Installation, testing and commissioning of wall fan of following size by means of suitable rag-bolt/ nuts, connections, testing and commissioning etc. as required complete in all respects to the best satisfaction of Engineer-in-charge of Approved Make Supreme plus Air Circulator 750mm Wall Fan 750 mm bajaj make.	11 Nos.	13339	Rupees thirteen thousand three hundred thirty nine only.	Each	146729

3	:Supplying and fixing Bulk Head LED 10 Watt (1000 lumen), 5700K and it should be compatible with specifications i.e. power factor ≥ 0.9 , harmonic distortion $\leq 10\%$ and efficacy ≥ 100 lumens per watt, CRI > 80 , suitable for input voltage AC 220-240V, 50/60 Hz complete with all accessories, connections, testing and commissioning etc. including five years warranty as required.	10 Nos.	1801	Rupees One thousand eight hundred one only.	Each	18010
4	Cat No :- Wipro(LW07-141-XXX-57-G1-10Watts)/Panasonic/Jaquar/Philips or equivalent					
	Supplying and fixing LED Flood Light 150 Watt (16500 lumen), 5700K and it should be compatible with specifications i.e. power factor ≥ 0.9 , harmonic distortion $\leq 10\%$ and efficacy ≥ 100 lumens per watt, CRI > 80 , suitable for input voltage AC 220-240V, 50/60 Hz complete with all accessories, connections, with angle iron frame testing and commissioning etc. Including five years warranty as required.					
	Cat No :- WIPRO(LF20-192-060-57-G2-150 Watts)/Panasonic/Jaquar/Philips or equivalent	25 Nos.	13208	Rupees thirteen thousand two hundred eight only.	Each	330200
	TOTAL					498379


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

Job No. 16

DRAFT SCHEDULE OF QUANTITY						
					Estimated cost:- Rs. 4,75,643/-	
					Earnest money:- Rs. 9,500/-	
					Time Limit:- One year.	
NAME OF WORK: C/O Multipurpose Indoor sports hall at Atal Bihari Vajpayee Govt. Degree College Bangana in Distt Una (HP) (SH:-Providing Balance work of E.I. therein).						
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. tmm. PVC insulated heat resistant flame retardant (HFRF) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HFRFLS/PVC insulated single core copper conductor cable as required.(Make:-Legrand (Myrius),L&T (Entice),Anchor(Roma plus)	11 Points	1720	Rupees One thousand seven hundred twenty only.	P/Point	18920
2	Providing, Installation, testing and commissioning of wall fan of following size by means of suitable rag-bolt/ nuts, connections, testing and commissioning etc. as required complete in all respects to the best satisfaction of Engineer-in-charge of Approved Make Supreme plus Air Circulator 750mm Wall Fan 750 mm bajaj make.	8 Nos.	13339	Rupees thirteen thousand three hundred thirty nine only.	Each	106712

3	Supplying and fixing Bulk Head LED 10 Watt (1000 lumen), 5700K and it should be compatible with specifications i.e. power factor ≥ 0.9 , harmonic distortion $\leq 10\%$ and efficacy ≥ 100 lumens per watt, CRI > 80 , suitable for input voltage AC 220-240V, 50/60 Hz complete with all accessories, connections, testing and commissioning etc. including five years warranty as required.	11	Nos.	1801	Rupees One thousand eight hundred one only.	Each	19811
4	Supplying and fixing LED Flood Light 150 Watt (16500 lumen), 5700K and it should be compatible with specifications i.e. power factor ≥ 0.9 , harmonic distortion $\leq 10\%$ and efficacy ≥ 100 lumens per watt, CRI > 80 , suitable for input voltage AC 220-240V, 50/60 Hz complete with all accessories, connections, with angle iron frame testing and commissioning etc. Including five years warranty as required.	25	Nos.	13208	Rupees thirteen thousand two hundred eight only.	Each	330200
	TOTAL						475643

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

DRAFT SCHEDULE OF QUANTITY									
								Job No. 17	
								Estimated Cost:- Rs. 4,76,346/-	
								Earnest Money:- Rs. 9,600/-	
								Time Limit :- Six Months.	
Name of work:- Providing Solar Light 30 watts in D.C. Colony Una Distt. Una (H.P).									
Sr. No.	Description of Items.	Quantity	Rate	In Fig.	In Words.	Unit	Amount		
1	Supplying and fixing of 30 Watts All-in-one Solar Street Light Pole Mounted, at Die east Housing, P C Lens Diffuser, minimum system Lumens of 4500 minimum system efficacy of 150 lm/W, System voltage 12.8V, Output Current 0.190A-0.650A, No Load loss < 20mA charging Current 4A, Solar input voltage < 22V, Over voltas protection 14.8V, Charging Voltage Limit, 14.6V. The luminaire shall have CCI of 5700K and CRI of minimum 70. The luminaire shall have IP65 and IK08 protection. The LED shall be compliant with Useful Life of 50000 Hrs. The luminaire have 50Wp High Efficiency Monocrystalline Silicon Panel, 24Ah LiFePO4 Battery High Efficiency Battery with higher life of > 2000Cycles, Full Power upto 10Hrs. Saving mode upto 30Hrs at fully charged battery. integral PIR sensor for motion detection, MPPT charge controller with 90-96% efficiency with 4 KV internal surge protection. Make:- Wipro/Havells/Crompton.	6.00	Numbers	71493	Rupees Seventy one thousand four hundred ninety three only.	Each	4,28,958		
2	Supplying and erection of Galvanized Iron (G.I) pipe pole 'A' quantity of 75mm dia 5mtrs. Length . Including fixing upto a given depth below ground Level. The hole of excavation about 30cm dia and given depth to be filled in upto 15cm below ground level with 1:3:6 cement concrete and there above plinth with 1:2:4 cement concrete upto a height of 45cm from ground level. The radila thickness of the plinth above ground level should not be less than 6.35cm and sufficient to completely flush a 180mmx100mmx45mm deep, including painting of pole with two coats of approved color, brand and manufacture of paint over a priming coat complete in all respects as required.	6.00	Numbers	7898	Rupees Seven thousand eight hundred ninety eight only.	Each	47,388		
G. Total:-							4,76,346		

Executive Engineer,
Electrical Division,
HPPWD., Una.

DRAFT SCHEDULE OF QUANTITY							Job No. 18
						Estimated Cost:- Rs. 1,39,830/-	
						Earnest Money:- Rs. 2,800/-	
						Time Limit:- One year.	
Name of Work:- Annual Comprehensive Maintenance contract (AMC) of 1Nos. Passenger lift (Johnson make) in circuit house Hamirpur Distt Hamirpur HP.(For the year 2023-24).							
Sr. No.	Description	Quantity	Unit	Rate	In fig.	In Words.	Amount
1.00	Regular examination, lubrication and Adjustment of the equipment and planned maintenance in the systematic manner and replacement of parts as detailed below:-						
1.01	(i) Renew all wires ropes and chain to maintain an adequate factor of safety, to equalize tension on all hoisting ropes, repair or replace conductor cables and hoist way and machine room elevator wiring.	-		-		-	-
1.02	(ii) Systematic examining and adjustment of following machine, worn gear, Thrust bearings Drives sheaves, Drive shelves, bearings, brake, contract, linings and components, Motor generator, motor, Motor windings, rotating elements, commutator, brushes brush holder, bearings, coils, resistance for operating and Motor circuit, magnet frames and other mechanical parts, controller, selector leveling, devices cams, relays, solid state components e.g PCB's transducers, resistance, condensers, power amplifier, transformers, contract, leads, dashpots timing devices, Steel selector tapes and mechanical and electrical driving equipment Governor, governor sheave, shaft assembly bearings and Governors jaws, cr and hall mechanical button, car and hall position indicators hall lanterns, car direction indicators and all other car and landings as installed by Johnson. Deflector or secondary sheave, bearing, car counter weight and counterweight guide rails and buffers, top and button limit switches, Governor tension sheaves assembly, compensating sheaves assembly car, counter weight and counter overweight guide shows including rollers or gibs, interlock on Hoist way.	-		-		-	-
1.03	(iii) Examine periodically all safety devices and governor and all customary safety test.	-		-		-	-
1.04	(iv) The firm will provide emergency minor adjustment all back services 24 hours as all working days as well as holidays/ Sunday. The firm will maintain the lift in reliable and efficient operating connections.	-		-		-	-
1.05	(Machine No. L-42338).	1.00	Job	139830.00		Rupees One Lac. Thirty nine thousand eight hundred thirty only.	139830
G. Total:-							139830


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