



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

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

4278-4708

Dated

6-9-2023

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

***NOTICE INVITING TENDER***

Sealed percentage rate tenders are hereby invited by the Executive Engineer, Electrical Division HPPWD Una, in form No.6 & 8 on behalf of Governor of H.P. for the following works from the contractors of appropriate class enlisted with HPPWD (Electrical). The tenders shall be opened on dated **29.09.2023** in the presence of contractors/firms or their authorized representative who wish to be present.

The copy of **Valid enlistment** and renewal certificate 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 the committee constituted for the purpose.

TIME SCHEDULE OF TENDER

- | | | | |
|----|-------------------------------------|----|-----------------------------|
| 1. | Last date of receipt of application | :- | 27-09-2023 up to 1.00 P.M. |
| 2. | Date of sale of tenders | :- | 27-09-2023 up to 5.00 P.M. |
| 3. | Last date of receipt of bids | :- | 29-09-2023 up to 10.30 A.M. |
| 4. | Date of bid opening | :- | 29-09-2023 up to 11.00 A.M. |

Sr. No.	Name of work	Estimated Cost (In Rs.)	Earnest Money (In Rs.)	Time limit	Cost of form (In Rs.)	Eligible Class of Contractor
1	Replacement of E.I. in A.D.C. residence at Changer Sector in District Bilaspur (HP).	2,14,097/-	4,300/-	Six Months	350/-	Class-D,C
2	Replacement of E.I. and damaged Electrical accessories i.e Rest House Panjgain, Circuit House Bilaspur. S.E. 10 th Circle Bilaspur, Distt. Attorney office Bilaspur and ADR Office Bilaspur).	97,651/-	2,000/-	Six Months.	350/-	Class-D,C
3	Replacement of damaged MCB, DP, MCB and Led Batten in child Care Institution(Bal Ashram) at Sujampur Distt. Hamirpur (H.P).	85,877/-	1,700/-	Six Months.	350/-	Class-D,C
4	Providing and fixing 1 No. Split type A.C. (H&C) in VIP suit (Bed room) HPPWD Rest House Lajiana in Distt. Hamirpur. (H.P).	78,059/-	1,600/-	Six Months.	350/-	Specialized Job
5	C/o 10 Nos. Class Rooms with Verandha building to GSSS Kharwar Tehsil Bhoranj Distt. Hamirpur (H.P) (SH:- Providing E.I. in 01 No. Class Room in 1 st Floor therein).	45,519/-	900/-	Six Months.	350/-	Class-D,C
6	C/o Indoor Auditorium Building at Bilaspur H.P.(SH:-Balance Work of E.I. in Auditorium building).	4,97,944/-	10,000/-	Six Months.	350/-	Class-C,B
7	C/o Indoor Auditorium Building at	4,99,295/-	10,000/-	Six Months	350/-	Specialized

8	Providing 60 KVA Servo Power Stabilizer for 26 Passenger lift installed in MCH Wing of Regional Hospital Building at Bilaspur (H.P).	4,97,960/-	10,000/-	Six Months.	350/-	Specializ Job
9	C/o Mortuary building at Zonal Hospital Bilaspur (HP) (SH:-Providing E.I. Balance Work therein).	88,050/-	1,800/-	Six Months.	350/-	Class-D,
10	Replacement of damaged Electrical accessories. in Court Complex Building at Bilaspur in Distt Bilaspur (H.P).	4,70,077/-	9,400/-	Six Months.	350/-	Specializ Job
11	Replacement of damaged Street Light Fixtures, Cable & Timer on Ali Khad Bridge at Chandpur in Distt Bilaspur (H.P).	2,83,766/-	4,800/-	Six Months.	350/-	Class-D,
12	C/o A/R M/O in various Govt Non Residential Building under ESD Bilaspur H.P (SH:-Providing & Fixing 3 Nos. Air Conditioner 1.5 ton capacity in10th Circle Office at Bilaspur in Distt. Bilaspur (H.P).	2,27,973/-	4,600/-	One Month.	350/-	Specializ Job
13	Replacement of damaged accessories and E.I. in various Govt. N.R. buildings i.e. Rest House Bhoranj in First Floor , VIP Suit, Sitting and suit No. 3 under ESD Hamirpur (Barsar Section) Distt. Hamirpur (H.P).	4,55,990/-	9,200/-	Six Months.	350/-	Class-C,
14	Replacement of damaged accessories and E.I. in various Govt. N.R. buildings i.e. Rest House Barsar in VIP Suit, Suit No. 1 to 5, Drawing Hall, Dinning, Pantry and Kitchen under ESD Hamirpur (Barsar Section) Distt. Hamirpur (H.P).	2,28,494/-	4,600/-	Six Months.	350/-	Class-D,
15	A/R & M/O of various type and different capacity of Air Conditioners installed in various N.R. Govt. buildings under Electrical Sub-Division HPPWD., Bilaspur (Swarghat Section) for the year 2023-24 (w.e.f. 01/082023 to 31.07.2024)	53,400/-	1,100/-	One Year	350/-	Specializ Job
16	A/R & M/O of various type and different capacity of Air Conditioners installed in various N.R. Govt. buildings under Electrical Sub-Division HPPWD., Una (Amb Section) for the year 2023-24 (w.e.f. 01/03/2023 to 28.02.2024)	1,83,726/-	3,700/-	One Year	350/-	Specializ Job
17	Replacement of/Providing wiring accessories in various N.R. building ESD Bilaspur (Section Ghumarwin) under HPPWD., Division (B&R) Ghumarwin in District Bilaspur (HP)	99,715/-	2,000/-	Six Months	350/-	Class-D
18	Replacement of LED fixtures and accessories in HPPWD., Rest house Haroli Tehsil Haroli District Una (HP)	4,61,944/-	9,300/-	Six Months	350/-	Class-C
19	C/o of Govt. ITI building Santokhgarh at	2,99,216/-	6,000/-	Six Months	350/-	Class-C

	workshop therein)					
20	C/o of Govt. ITI building Santokhgarh at Mehatpur, Distt. Una (HP) (SH:- Balance work of Power wiring in Mech. Motor Vehicle Workshop, Electrician workshop & Computer lab etc. therein)	4,12,478/-	8,300/-	Six Months	350/-	Class-
21	Replacement of Old Batteries in 15 KVA UPS system for 8 th Circle HPPWD., Hamirpur Distt. Hamirpur.	1,80,000/-	3,600/-	Six Months.	350/-	Specia Job
22	C/o Mini Secretariat building at Una, Distt Una (H.P.) (SH:- P/F One No. Air Conditioners (2.00 tone capacity) in A.C. to D.C. Una).	87,974/-	1,800/-	One Month	350/-	Specia Job
23	C/o Helipad at Sanghnai, Tehsil Ghanari, Distt. Una (HP) (SH :-Providing E.I. therein).	1,37,708/-	2,800/-	One Year	350/-	Class-
24	C/o Health Sub Center in Jagan Nath Mandir In G.P. Rajpura Jaswan Tehsil Amb. Distt. Una. (HP) (SH Providing E.I. there in)	2,87,305/-	5,800/-	One Year	350/-	Class-

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. 1

			Estimated Cost:- Rs. 2,14,097/-	
			Earnest Money:- Rs. 4,300/-	
			Time Limit:- Six Months.	

Name of work :- Replacement of E.I. in ADC Residence at changer sector in Distt Bilaspur (HP)

Sr. No.	Description of Item	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 medium class 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.					
1.01	Group C	63	1154	Rupees One thousand one hundred fifty four only.	Each	72702
2	Supplying and Fixing following Modular type switch/socket on the existing switch box/cover in/c connections etc as required.	4	76	Rupees Seventy six only.	Each	304
2.01	3 pin 5/6 amps socket P/T (Modular)	4	150	Rupees One hundred fifty only.	Each	600
2.02	Bell Push P/T (Modular)	1	149	Rupees One hundred forty nine	Each	149
3	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	8	424	Rupees Four hundred twenty four only	Each	3392
4	Supplying and fixing suitable size GI box with modular plate and cover in FRLSont on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as	16	585	Rupees Five hundred eighty five only.	Each	9360
5	Wiring for circuit/submain wiring with 2x1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 1 No.1.5 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required.	105	194	Rupees One hundred ninety four only.	Meter	20370
6	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 PVC conduit along with 1 No.4 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required	60	312	Rupees three hundred twelve only.	Meter	18720
7	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 PVC conduit along with 2 No.4 Sq.mm. HRFRLS/PVC insulated single core copper conductor cable for earthing as required	35	532	Rupees Five hundred thirty two only.	Meter	18620

8	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 PVC conduit along with 1 No. HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required.					
8.01	2x10 sq.mm	5	558	Rupees Five hundred fifty eight	Meter	2790
9	Supplying and fixing bakelite batten angle holder including connections etc. as required.	2	47	Rupees forty seven only.	Each	94
10	Supplying and fixing surface round/Square type LED 15 watt, (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:-Jaquar (Model - LNRP02S015SC)/Philips, wipro or its equivalent as approved by Engineer-in-charge.	34	1356	Rupees One thousand three hundred fifty six only.	Each	46104
11	Supplying and fixing Aluminium batten LED 36 watt, 6000K, (Five YEAR WARRANTY) and it should be compatible with specification i.e. Power Factor > .9, Harmonic Distortion<10% and efficacy >100 Lumens per watt, suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning etc. Make:-Panasonic (Model No PBTM08367)/Philips,Panasonic or its equivalent as approved by Engineer-in-charge.	8	1110	Rupees One thousand one hundred ten only.	each	8880
12	Supplying and fixing of fancy Mirror/Dressing lights 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 Jaquar (Model - LGLZ01X010XW) ,wipro,Philips or equivalent make	3	457	Rupees Four hundred fifty seven only.	each	1371
13	Supplying and fixing of following way, single pole and neutral sheet steel MCB DB 240 volts, on surface/recess complete with tinned copper bus bar, wireset, neutral link, earth bar din bar, detachable gland plate blanking plate, cable identification labels interconnections phosphatized and powder painted, including earthing etc. as required.					
13.01	Double door 16 way	1	2805	Rupees Two thousand eight hundred five only.	Each	2805
14	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 connection etc. as required.	14	252	Rupees two hundred fifty two only.	Each	3528
15	Supplying and erection of 40/50/63 amps rating 10 KA breaking capacity 240 volts 'C' Curves miniature circuit breaker of following poles in the existing MCB DB complete with connection etc. as required.					
15.01	Double pole cat A	1	1105	Rupees One thousand one hundred five only.	Each	1105
16	Supplying and Fixing Ding Dong Bell/electronic musical bell suitable for AC/ DC 230 Volts as required complete in all respects.	1	287	Rupees Two hundred eighty seven only.	Each	287

17	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.	2	1458	Rupees One thousand four hundred fifty eight only.	Each	2916
G.Total						214097


 Executive Engineer,
 Electrical Division,
 HPPWD., Una.

DTRAFT SCHEDULE OF QUANTITY			Job No. 2		
				Estimated cost:- Rs.97,651/-	
				Earnest money:- Rs. 2,000/-	
				Time Limit:- Six months.	
Name of work: - Replacement of E.I. and damaged Electrical accessories i.e Rest House Panjgain , Circuit House Bilaspur, S.E. 10th Circle Bilaspur, Distt. Attorney office Bilaspur and ADR Office Bilaspur).					
	Description of Item	Quantity	Rate In Fig.	In Words.	Unit Amount
1	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required.	5	584	Rupees Five hundred eighty four only.	Each 2920
2	Supplying and fixing suitable size GI box with modular plate and cover in FRLSont on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	5	860	Rupees Eight hundred sixty only.	Each 4300
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. Make:- Finolex, KEL, Anchor, Plaza as approved by Engineer - in -charge .				
3.01	2x1.5 Sq. mm + 1X1.5 sq.mm	25	205	Rupees Two hundred five only.	P/Mtr 5125
3.02	2x4 Sq. mm + 1X4 sq.mm	20	330	Rupees three hundred thirty only.	P/Mtr 6600

4	Supplying and Fixing LED Battan 36 watt High quality aluminium extruded with decorative end caps of superior quality (Wipro Make) as per item code LL22-511-XXX-65-G1 as required. Complete in all respect and as approved by the Engineer-in -Charge.Make-Wipro,Jaquar,Philips or its equivalent.	17	1824	Rupees One thousand eight hundred twenty four only.	Each	31008
5	Supplying and fixing surface round/Square type LED 12 watt, 6000k, (Five YEAR WARRANTY) and it should be compatible with specification i.e. Power Factor > .9, Harmonic Distortion<10% and efficacy >100 Lumens per watt, suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning etc. Make:- Panasonic (Model -PDLM10156BR)/Philips, wipro or its equivalent as approved by Engineer-in-Charge	3	1517	Rupees One thousand five hundred seventeen only.	Each	4551
6	Providing and installation of LED Street light 30W with bracket power coated pressure die cast aluminium high power led with heat resistant toughened glass with lens ,electronic driver; suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning etc. as required.:Make ,wipro(LR26-371-XXX-65-XX),Panasonioc Philips or its equivalent as approved by Engineer-in -charge.(Five year warranty)	1	4923	Rupees four thousand nine hundred twenty three only.	Each	4923
7	Providing, installation testing and commissioning of ceiling fan with regulator including wiring the down rods of standard length (up to 30cm) and 16/0.20mm twin twisted flexible cotton braided copper cable including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc as required including carriage of material within all leads and lifts. (Usha technics,Crompten, Havells H S Velocity make or its equivalent.) or as approved by the Engineer-in-Charge.	3	4886	Rupees Four thousand eight hundred eighty six only.	Each	14658

8	Providing and installation exhaust fan of 300mm (Metal body) size in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required: Make:- Usha, Bajaj, Crompton or its equivalent as approved by Er-in-charge	5	2633	Rupees Two thousand six hundred thirty three only.	Each	13165
9	Providing and Installation of Wall mounting fan of 400 mm sizes i/e hang the same in position on the wall, connections, testing and commissioning etc. as required with best satisfaction of Engineer in charge : Make:- Usha (MIST AIR), Bajaj, Crompton or its equivalent as approved by Er-in-charge	3	3467	Rupees three thousand four hundred sixty seven only.	Each	10401
Total						97651


Executive Engineer,
Electrical Division,
HPPWD, Una.

DRAFT SCHEDULE OF QUANTITY				JOB NO. 3		
					Estimated cost:-Rs. 85,877/-	
					Earnest money:- Rs. 1,700/-	
					Time Limit:- Six months.	
Name of work:- Replacement of damaged MCB, DP, MCB and Led Batten in Child Care Institution (Bal Ashram) at Sujapur Distt. Hamirpur (H.P).						
S. No.	Description of Items	Quantity	Rate Fig.	In words.	Unit	Amount
1	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make:-L&T Cat. No. (CM930070000AG), Legrand, Hager, or its equivalent as approved by Engineer-in-charge.					
1.01	Single pole	36	263	Rupees Two hundred sixty three only.	Each	9468
2	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required:-	6	1195	Rupees One thousand one hundred ninety five only.	Each	7170
3	Providing and fixing following rating and breaking capacity MCCB 4 pole with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required. Make:-L&T Cat. No. (CM930070000AG), Legrand, Hager, or its equivalent as approved by Engineer-in-charge.					
3.01	63 A 18 KA	1	5300	Rupees Five thousand three hundred only.	Each	5300
4	Supplying and fixing of 4 pole DU 125H/DU100D/DU125D/DNO MCCB Enclosure complete with connection testing and commissioning etc. as required. Make:-L&T (cat no-CM909960000), Legrand, Hager, or its equivalent as approved by Engineer-in-charge.	1	1631	Rupees One thousand six hundred thirty one only.	Each	1631

5	Supplying and fixing sheet metal bus-bar chamber suitable for 63 Amp. 415 volts capacity with 4 No. copper strip bus-bars each of length 300mm & cross-sectional area (25.4mmx3.17mm), enclosure made from 1.6 mm thick M.S. sheet having overall dimensions (380mmx400mmx150mm) nominal with all accessories including connections, earthing the body etc. as required. Make:- Havell (cat no- IHBSC006304), Siemens, L&T, or its equivalent as approved by Engineer-in-charge.	1	7050	Rupees seven thousand fifty only,	Each	7050
6	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.					
6.01	5/6 amps switch	72	29	Rupees fifty six only.,	EACH	2088
6.02	3 pin 5/6 amp socket outlet	11	54	Rupees Fifty four only.	EACH	594
6.03	15/16 amp switch	10	100	Rupees One hundred only,	EACH	1000
6.04	6 pin 15/16 amp socket outlet	10	108	Rupees One hundred eight only,	EACH	1080
7	Supplying and fixing PVC box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLSont including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required.	1	187	Rupees One hundred eighty seven only,	EACH	187
8	Supplying and fixing PVC box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLSont including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required.	2	316	Rupees three hundred sixteen only.	EACH	632
9	Supplying and fixing phenolic laminated sheet cover 9x11" completed in all respect	12	60	Rupees sixty only,	EACH	720
10	Supplying and fixing phenolic laminated sheet cover 5x8" completed in all respect	18	24	Rupees Twenty four only,	EACH	432
11	Supplying and fixing two module stepped type electronic fan regulator on the existing switch box including connections but excluding modular plate etc. as required.	12	291	Rupees Two hundred ninety one only,	EACH	3492
12	Supplying and fixing PVC batten/ angle holder including connection etc. as required.	8	47	Rupees forty seven only.	EACH	376

13	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						
13.01	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	15	323	Rupees three hundred twenty three	METER	4845	
14	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVCConduit as required.						
14.01	S/D 3 X 4 sq. mm	12	219	Rupees Two hundred nineteen	METER	2628	
14.02	S/D 3X 10 sq. mm	20	558	Rupees five hundred fifty eight	METER	11160	
14.03	S/D 6X 10 sq. mm	3	1080	Rupees One thousand eighty only.	METER	2700	
15	Supplying and fixing of following sizes of PVC conduit along with accessories insurface/recess including painting in case of surface conduit, or cutting the walland making good the same in case of recessed conduit as required.						
15.01	25 mm	3	113	Rupees One hundred thirteen only.	Meter	339	
16	Supplying and fixing Aluminium batten LED 24watt, 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:- Jaquar (LGLZ01X024XN) /Philips,Panasonic or its equivalent as approved by Engineer-in-Charge	4	612	Rupees six hundred twelve only.	Each	2448	
17	MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator.Make:-L&T Cat. No. (CM930070000AG),Legrand,Haggar , or its equivalent as approved by Engineer-in -charge.						
17.01	8 way, Double door	1	2049	Rupees Two thousand forty nine only.	Each	2049	
18	Earthing with copper earth plate 600 mmx600 mmx 3 mm thick, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe 2.7 Meter long etc. (with charcoal or coke and salt) complete as required.	1	13838	Rupees thireten thousand eight hundred thirty eight only.	Each	13838	

19	Providing and fixing 4.00 mm dia copper wire on surface or in recess for loop earthing	30	155	Rupees One hundred fifty five only.	Meter	4650
	Total.					85877

K. Suresh

DRAFT SCHEDULE OF QUANTITY					JOB NO. 4		
						Estimated cost:- Rs. 78,059/-	
						Earnest money:- Rs. 1,600/-	
						Time Limit:- Six months.	
Name of Work :- Providing and fixing 1 No. Split type A.C (H&C) in VIP suit (Bed room) HPPWD Rest House Lajiana in Distt. Hamirpur H.P							
Sr. No.	Description of Items	Quantity	Rate In fig.	In Words.	Unit	Amount	
1	Supplying and fixing 1.5 ton inverter split type air conditioner Hot and Cold with voltage stabilizer 150v to 280 v , advanced filter, E saver mode, quit mode, dual display, auto clean, anti bacteria filter jet Cool on/off timer sleep mode compressor cord less remote complete in all respect as per comprising to ISI with latest amendment suitable to operate on 230 volt /240 volt +/- 10 % AC supply capable to perform the function of cooling dehumidification air circulation ventilation and fitting in size of nominal cooling capacity and drain pipe 20 mm dia approximately 3mtrs long 2 nos copper pipe with insulator for inlet and outlet approximatey 3 mtrs long and M.S power coated frame /stand for erection of out door unit of split type A.C. including carrigae of material with in all leads and lift. Make: - Daikin (Model:- FTH50), O Genral/Mitsubishi or its equivalent as approved by the Engineer Charge.	1	66884	Rupees Sixty six thousand eight hundred eighty four only.	Each	66884	
2	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess i/c providing and fixing 25 amp modular socket outlet and 25 Amps modular SP MCB, "C" curve including connection, painting etc. as required. Make:- Legrand(Myrius), L&T(entice), Anchor (Roma classic) as approved by Engineer-in -charge .	1	830	Rupees Eight hundred thirty only.	Each	830	

3	Supplying and drawing following size of FRLS PVC insulated copper conductor single core cable in existing surface / recessed, Steel/medium class PVC conduit as required. Make:- KEI, Anchor, Plaza as approved by Engineer -in -charge.						
3.01	3x4.0 Sq. mm.	20	234	Rupees Two hundred thirty four only.	Mtr	4680	
4	Supplying and fixing of following sizes of medium class 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. Make:-Diplast/BEC/Polyfit or its equivalent as approved by Engineer-in -charge.						
4.01	25 mm. dia	15	111	Rupees One hundred eleven only.	Mtr	1665	
5	Shifting and Installation of existing Split type 1.5 Ton A.C. (cold) from Rest House Lanjiana to Rest House Barsar in Suit No 4 connections, testing & commissioning etc. as required complete in all respect.	1	4000	Rupees four thousand only.	Each	4000	
	TOTAL					78059	


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DRAFT SCHEDULE OF QUANTITY				JOB NO. 5			
						Estimated Cost:- Rs. 45,519/-	
						Earnest Money :- Rs. 900/-	
						Time Limit:- Six months.	
NAME OF WORK:- C/O 10 Nos Class Room with verandha building in GSSS Kharwar Tehsil Bhoranj Distt Hamirpur (HP) (SH:- Providing E.I. in 1 No Class Room in First Floor therein)							
S. No.	Description of Items	Quantity	Rate In fig.	In words.	Unit	Amount	
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed Heavy class PVC Conduit having wall thickness minimum 2.0 mm , with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Make:- Anchor (Roma classic) , L&T(Entice), Legrand(Myrius) or its equivalent as approved by Er-In-Charge.	10	1187	Rupees One thousand one hundred eighty seven only.	Each	11870	
1.01	Group C.						
2	Supplying and fixing following rating Modular switch /socket on the existing switch box / cover plate including connections but excluding modular complete etc. as required. Make:- Legrand(Myrius), L&T(entice), Anchor (Roma Classic) as approved by Engineer-in -charge .						
2.01	S.P. 5/ 6 Amps one way Modular switch.	2	76	Rupees seventy six only.	Each	152	
2.02	5 pin, 5/ 6 Amps Modular socket outlet.	2	130	Rupees One hundred thirty only.	Each	260	
3	Supplying and fixing suitable size G.I. box with modular plate and cover in front on surface or in recess including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps, modular switch, connections etc. as required. Make:- Legrand(Myrius), L&T(entice) , Anchor (Roma Classic) as approved by Engineer-in -charge .	1	426	Rupees four hundred twenty six only.	Each	426	
4	Wiring for circuit/sub-main wiring along with earth wire with following size of FRLS PVC insulated copper conductor single core cable in surface/recessed PVC conduit as required. Make:- KEI, Anchor, Plaza as approved by Engineer - in -charge .						

4.01	2x1.5 Sq. mm + 1X1.5 sq. mm earth wire	10	199	Rupees One hundred ninety nine only.	Metre	1990
4.02	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	15	436	Rupees fopur hundred thirti six only.	Metre	6540
5	Supplying and drawing following size of FRLS PVC insulated copper conductor single core cable in existing surface / recessed, Steel/medium class PVC conduit as required. Make:- KEI, Anchor, Plaza as approved by Engineer -in -charge.					0
5.01	3x1.5 Sq. mm.	5	97	Rupees Ninety seven only.	Metre	485
6	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 3 star), Bajaj, Crompton or its equivalent as approved by Et-in-charge(warranty five year)					
6.01	Ceiling fan 1200 mm	4	3788	Rupees three thousand seven hundred eighty eight only.	Each	15152
7	Supplying and fixing PVC batten/angle holder including connections etc. as required:-	5	47	Rupees fortuy seven only.	Each	235
8	Providing and installation of following type of LED retrofit Lamp B-22 holder base with polycarbonate diffuser and aluminium heat sink including connections, testing and commissioning etc. as required. Make:- TISVA, wipro, Philips or its equivalent as approved by Engineer-in-Charge.					
8.01	LED Lamp 9 Watt	5	139	Rupees One hundred thirty nine only.	Each	695
9	Supplying and fixing Aluminium batten LED 26 watt, 6000k, and it should be compatible with specification i.e. Power Factor > .9, Harmonic Distortion <10% and efficacy >100 Lumens per watt, suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning etc. Make:- panasonic (Model -PBTM14267)/Philips, Jaquar or its equivalent as approved by Engineer-in-Charge (Five YEAR WARRANTY)	1	721	Rupees seven hundred twenty one only.	Each	721

10	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus-bar, neutral bus bar, earth bar, din-bar, interconnections, and powder painted, including earthing etc. as required. (but without MCB/RCCB/Isolator) Make:- L&T, Legrand, Hager as approved by Engineer-in -charge.	1	2049	Rupees Two thousand forty nine only.	Each	2049
10.01	Double door-8 way	1	1195	Rupees One thousand one hundred ninety five only	Each	1195
11	Supplying and erection of MCB DP 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required. Make:- L&T, Legrand,Hager as approved by Engineer-in -charge.					
12	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 miliampers in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make :- L&T, Legrand,Hager, as approved by Engineer-in -charge.					
12.01	40 Amps.	1	2960	Rupees Two thousand nine hundred sixty only.	Each	2960
13	Supplying and erection of 5 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required. Make:- L&T Legrand,Hager as approved by Engineer-in -charge.					
13.01	Single pole	3	263	Rupees Two hundred sixty three only.	Each	789
	Total					45519


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DRAFT SCHEDULE OF QUANTITY		JOB NO. 6	
		Estimated Cost:- Rs. 4,97,944/-	
		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 E.I. in Auditorium building)

S. No.	Description of Items	Quantity	Rate In fig.	In words.	Unit	Amount
1	Supplying and fixing Suspension Light 6 head Chandelier Clear Glass with Gold finish, metalAmbiance E27 LED 4W X 6 watt but excluding cost of lamps, Cat.No.JES-WHT-CHL0006TAE14(Jaquar make) complete with connections etc, as required. make-Jaquar, Tisva PHILIPS, or its equivalent make.	1	64438	Rupees Sixty four thousand four hundred thirty eight only.	Each	64438
2	Supplying and fixing of fancy wall bracket of FRENCH GOLD colour with with single holder containing LED lamp Base G9 holder(s) of all sizes and shapes, complete with all accessories but excluding led lamp including making connections, testing etc. as required. Make TISVA (FRENCH GOLD)),wipro,Philips or equivalent make	12	4822	Rupees Four thousand eight hundred twenty two only	Each	57864
3	Supplying and Fixing LED MULTIPLE ZOOM LIGHT extruded with decorative end caps of superior quality (Jaquar) as per item code LZOMMLR215XC as required. Complete in all respect and as approved by the Engineer-in - Charge Make-Jaquar,Philips or its equivalent.	4	5866	Rupees Five thousand eight hundred sixty six only.	Each	23464
4	Supplying and Fixing LED ERI SURFACE Sextruded with decorative end caps of superior quality (Jaquar) as per item code LERSWGS012SC as required. Complete in all respect and as approved by the Engineer-in -Charge. Make-Jaquar, Philips or its equivalent.	8	2435	Rupees Two thousand four hundred thirty five only.	Each	19480
5	Providing and installation of 600mm 900rpm Heavy Duty Industrial exhaust fan with shutter 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 (Bajaj Supreme Dlx)Crompton or its equivalent as approved by Engineer-in-charge	4	17556	Rupees Seventen thousand five hundred fifty six only..	Each	70224
6	Supplying and installation following size of perforated pre-painted M.S. cable trays with perforation not more than 17.5%, in convenient sections joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc. as required complete in all respects.					
6.01	150mm (wide) x 50mm(depth) x 1.6mm (thick)	100	604	Rupees six hundred four only.	Per metre	60400
6.02	300mm (wide) x 50mm(depth) x 1.6mm (thick)	70	777	Rupees Seven hundred seventy seven only.	Per metre	54390
7	Supplying and fixing LED Skirting Light With White LED -3 Module cover Plate +Frame With Flush box complete with connections etc as required. Make- Legrand ,Jaquar, Philips K-lite or its equivalent or as approved by Engineer in charge.	93	1588	Rupees One thousand five hundred only.	Each	147684
G. Total:-						497944

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DRAFT SCHEDULE OF QUANTITY						
						JOB NO. 7
						Estimated cost:- Rs. 4,99,295/-
						Earnest money:- Rs. 10,000/-
						Time Limit:- Six months.
NAME OF WORK :- C/O Indoor Auditorium Building at Bilaspur in Distt. Bilaspur (H.P.) (S.H):- Balance Work of Providing VRV/VRF based HVAC system in Auditorium Hall).						
Sr. No.	Description of work	Quantity	Rate In fig.	In words.	Unit	Amount
1	Supplying and installation of Interconnecting Refrigerant Piping of various sizes as required for the full functionality of the VRV/ VRF system etc. complete in all respects duly insulated with closed cell nitrile rubber as per specifications of the manufacturer, the contractor shall submit a detailed drawing approved by the manufacturer showing the piping sizes & layout to be followed at the site with the tender document. the contractor shall also get the drawings showing outdoor units in connection with indoor units approved from the consultant in original from and then the head office of the manufacturer with a certificate stating that the piping layout is as per company specifications for full functioning of the VRV/VRF system.					
1.01	Makes Mandev , Rajko, Harion, Maxflow					
1.02	28.6 mm O.D.(insulation : 19 mm)	187.90	Mtrs. 1440	Rupees One thousand four hundred forty only.	Per metre	270576.00
1.03	19.1 mm O.D.(insulation : 13 mm)	175.3	Mtrs. 1156	Rupees One thousand five hundred fifty six only.	Per metre	202646.80
2	Supplying and installation following size of perforated pre-painted M.S. cable trays with perforation not more than 17.5%, in convenient sections joined with connectors, suspended from the ceiling with M.S. suspenders including bolts & nuts, painting suspenders etc. as required complete in all respects.					
2.01	150mm (wide) x 50mm(depth) x 1.6mm (thick)	2	Mtrs. 604	Rupees Six hundred four only.	Per metre	1208.00
2.02	300mm (wide) x 50mm(depth) x 1.6mm (thick)	32	Mtrs. 777	Rupees Seven hundred seventy seven only.	Per metre	24864.00
	Total					499294.80


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DRAFT SCHEDULE OF QUANTITY		JOB NO. 8	
		Estimated cost:- Rs. 4,97,960/-	
		Earnest money:- Rs. 10,000/-	
		Time Limit:- Six months.	

Name of Work:- Providing 60KVA Servo Power Stabilizer for 26 Passenger lift installed in MCH Wing of Regional Hospital Building at Bilaspur H.P.

Sr. No.	Description	Quantity	Rate Fig.	In words.	Unit	Amount
1	Supplying, Installation, Testing and Commissioning of Air cooled Voltage servo of 60KVA Capacity (with Buck-boost copper winding transformer) Suitable for 3 phase balanced & unbalanced load having input range of 290 -480 volts and output range 415 AC+/-1% volts along with High/Low voltage cut-off , with LED indication & LCD Display for Metering & with Input bypass arrangements MCCB and input Phase Reversal protection.					
1.01	<u>Protection required:</u> low voltage , high voltage, low Current , high current ,overload protection, phase reversal protection as well as correction, Input MCCB for short circuit & Genset compatible.					
1.02	<u>Servo should have following Feature :</u> It should have Noise level $\leq$ 50dB from 1 meter , Efficiency $\geq$ 97%, Response Time $\leq$ 20 Sec, Insulation of Class B, Speed of correction upto 50V/sec , Ambient temperature : 0 to 40 deg C & Relative Humidity : upto 95% RH , Buzzer : Beeping at every Sec for all the Trip Conditions .					
1.03	<u>Standard & certification:</u> Conformance to IS 9815, IS2026 standard and OEM Company Should be ISO 9001 certified .Warranty 1 Years Onsite complete in all respect as desired by engineer at site.OEM should have own /ASP based service centres /network in Himachal for better & immediate service & support.					
1.04	Servo Controlled Voltage Stabilizer 60KVA (290-480 VAC)					
1.05	Approved Makes :Numeric-LEGRAND ,TSI , NEEL, Indian Power as approved by Engineer in charge	1	497960	Rupees Four Lac. Ninety seven thousand nine hundred sixty only.	Each	497960
G. Total						497960


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DRAFT SCHEDULE OF QUANTITY		JOB NO. 9		Estimated cost:- Rs. 88,050/-		
				Earnest money:- Rs. 1,800/-		
				Time Limit :- Six Months.		
Name of Work:- C/O Mortuary building at Zonal Hospital Bilaspur (HP) (SH:-Providing E.I.Balance Work there in).						
Sr. No.	Description of Item	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 (50 mm x 50 mm x 6 mm thick) M.S. angle iron frame, covered with 1.6 mm thick M.S. sheet duly welded on five sides & front side hinged, complete with locking arrangement with sufficient No. vertical and horizontal intermediate switchgear supporting members each of M.S. flat 50mmx6mm thick of suitable length duly welded. The cubical pedestal shall have cable entry box at one or two sides and 4 No. legs of 50mmx50mmx6mm thick M.S. angle iron each 60 cm long including, powder coated painting and bonding to the existing earth etc., the same shall be erected in the 1:2:4 cement concrete plat-form of suitable dimensions 15 cm high from ground level and 45 cm thick. The cubical pedestal shall be 15 cm from the top of cement concrete plat-form:-The panel should be approved /Tested from the CPRI lab.& should be confirmed to ISI: 64139 I) 800mmX500mmX300mm Deep	0.4	15196	Rupees fifteen thousand one hundred ninety six only.	P/mtr	6078
2	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:-	0.75	4917	Rupees Four thousand nine hundred seventeen only,	Each	3688
3	Supplying and fixing of 4 pole MCCB 100-125 Amp lcs = 100% i.c.u. 36 KA & @ 415 volts, 50 Hz with thermal magnet in release complete with connection ,testing and commissioning etc as required. Make:- L&T CAT NO CM92008OOLIOG, Legrand, Hagger,Indo-ashian or its equivalent as approved by Engineer-in -charge.	1	19136	Rupees Nineteen thousand one hundred thirty six only.	Each	19136
4	S/F indicator set RY&B with 3 Nos Kit kat (LED type) to shown the three indicating in the existing pannel complete etc as required.Make L&T, Legrand ABB or its equivalent as per best satisfaction of Engineer-in -charge.	1	973	Rupees Nine hundred seventy three only.	Each	973
5	Supplying and fixing of ammeter inbuilt selector switch CT/PT site programmabe accuracy class1.0/0.5 complete with connection ,testing and commissioning etc Make L&T CAT NO WL1310200000, Legrand, Hager, ABB or its equivalent as per best satisfaction of Engineer-in -charge.	1	1648	Rupees One thousand six hundred forty eight only.	Each	1648
6	Supplying and fixing of voltmeter inbuilt selector switch CT/PT site programmabe accuracy class1.0/0.5 complete with connection ,testing and commissioning etc as required. Make L&T CAT NO WL1320200000, Legrand, Hager, ABB or its equivalent as per best satisfaction of Engineer-in -charge.	1	1648	Rupees One thousand six hundred forty eight only.	Each	1648

7	supplying and fixing C.T. coil 500/5 amp with burden of VA 15 accuracy class -1 Make:- Automatic Electric Ltd. I.&T. Legrand.	3	1740	Rupees One thousand seven hundred forty only.	Each	5220
8	2.26 Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes by means of expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, making good the damages, electric connections, testing etc. complete as required; Make: Usha(MISTY 25 L). Crompton, Recold or its equivalent as approved by En-in-charge					0
8.01	25Ltr Geyser	2	14745	Rupees Fourteen thousand seven hundred forty five only.	Each	29490
9	Supplying and erection of 20 amps rating, breaking capacity, 440 volts, 'C' curves, miniature circuit breaker of 4 poles in the existing MCB complete with connections etc, as required:-	1	1869	Rupees One thousand eight hundred sixty nine only.	Each	1869
10	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed heavy class PVC conduit having wall thickness 2.0mm as required					0
10.01	2x10 mm	30	610	Rupees Six hundred ten only.	Mtr	18300
G. Total:-						88050


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DRAFT SCHEDULE OF QUANTITY			Job No. 10	Estimated Cost:- Rs. 4,70,077/- Earnest Money:- Rs. 9,400/- Time Limit:- Six Months.		
Name of work :-Replacement of damaged Electrical accessories in Court Complex Building at Bilaspur in Distt Bilaspur (H.P)						
Sr. No.	Description	Quantity	Rate In Fig.	In words.	Unit	Amount
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed 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	5	1261	Rupees One thousand two hundred sixty one only.	Each	6305
1.01	Group-C					
2	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 sand cushioning, protective covering and refilling the trench etc. of the required size.-(Polycab, Finolex,L&T,KEL make)					
2.01	Armoured cable 6 sq.mm. (Twin Core)	75	514	Rupees Five hundred fourteen only.	P/mtr.	38550
3	Supplying and fixing Post top lantern LED fixture 40 watts made of die cast aluminium base and spun aluminium Top fitted with LED PT module Power LEDs are mounted directly on inbuilt extruded 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-151-L or its equivalent makeand as approved by the Engineer in charge	10	8648	Rupees Eight thousand six hundred forty eight only.	Each	86480
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:- Finolex, KEL, Anchor, Plaza as approved by Engineer -in - charge.					
4.01	2x1.5 Sq. mm + 1X1.5 sq mm	50	205	Rupees Five hundred five only.	P/Mtr	10250
5	Supplying and erection of 40/50/63 Amps rating 10 ka breaking capacity 240 volts C curves miniature circuit Breaker of following poles in the existing MCB DB complete withconnections etc as required.	2	1397	Rupees One thousand three hundred ninety seven only.	Each	1397
6	Supplying and erection of 6 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:-32 Amps Single Pole (Haggar,ABB,L&T make)or its Equivalent make.	4	296	Rupees Two hundred ninety six only.	Each	1184

7	Supplying and fixing LED panel fitting, sq type 4x1 ft, 36 watts made from extruded aluminium housing. Aesthetically designed flat panel for Recess/surface mounting which provides soft-light and glare free symmetrical illumination complete with connections etc as required. Make- Wipro, Jaquar or its equivalent or as approved by Engineer in charge.	3	8525	Rupees Eight thousand five hundred twenty five only.	Each	25375
8	Supplying and Fixing LED Battan 36 watt High quality aluminium extruded with decorative end caps of superior quality (Wipro Make) as per item code LL22-511-XXX-65-G1 as required. Complete in all respect and as approved by the Engineer-in -Charge. Make- Wipro, Jaquar, Philips or its equivalent.	15	1824	Rupees One thousand eight hundred twenty four only.	Each	27360
9	Supplying and fixing LED panel fitting, Iris Slim surface mounted Square/ Round panel 15 watts made from extruded aluminium housing. Aesthetically designed flat panel for surface mounting which provides soft-light and glare free symmetrical illumination complete with connections etc as required. Make- Wipro, Jaquar, Philips, K-lite or its equivalent or as approved by Engineer in charge.	64	2259	Rupees Two thousand two hundred fifty nine only.	Each	144576
10	Supplying and fixing LED panel fitting, Iris Slim surface mounted Square/ Round panel 24 watts made from extruded aluminium housing. Aesthetically designed flat panel for surface mounting which provides soft-light and glare free symmetrical illumination complete with connections etc as required. Make- Wipro, Jaquar, Philips, K-lite or its equivalent or as approved by Engineer in charge.	33	3145	Rupees three thousand one hundred forty five only.	Each	103785
11	Providing and installation of LED Street light 30W with bracket power coated pressure die cast aluminium high power led with heat resistant toughened glass with lens, electronic driver, suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning etc. as required. Make, wipro(LR26-371-XXX-65-XX), Panasonic Philips or its equivalent as approved by Engineer-in -charge. (Five year warranty)	5	4923	Rupees Four thousand nine hundred twenty three only.	Each	24615
G.Total :-						470077


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DRAFT SCHEDULE OF QUANTITY

JOB NO. 14

Estimated cost:- Rs. 2,83,766/-
Earnest money:- Rs. 4,800/-
Time Limit:- Six Months.

Name of work :-Replacement of damaged Street Light Fixtures,Cable & Timer on Ali Khad Bridge at Chandpur in Distt Bilaspur (H.P)

S. No.	Description	Quantity	Rate In fig.	In words.	Unit	Amount
1	Providing and installation of LED Street light 70 W with bracket power coated pressure die cast aluminium high power led with heat resistant toughened glass with lens ,electronic driver; suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning etc. as required.:Make ,wipro(LRO2-781-XXX-57-G3),Panasonic Philips or its equivalent as approved by Engineer-in -charge.(Five year warranty)	20	12154	Rupees Twelve thousand one hundred fifty four only.	Each	243080
1.01	Group-C					
2	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 sand cushioning, protective covering and refilling the trench etc. of the required size:-(Polycab,Finolex,L&T,KEI make)					
2.01	Armoured cable 6 sq.mm. (Twin Core)	75	514	Rupees Five hundred fourteen only,	P/mtr.	38550
3	Supplying and fixing 240 VoltsTimer Switch For Street Light of L& T make as per cat No. 67DDT0 , complete with connections, testing and commissioning etc. as required.	1	2136	Rupees Two thousand one hundred thirty six only.	Each	2136
	TOTAL					283766


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DRAFT SCHEDULE OF QUANTITY

Job No. 12

DRAFT SCHEDULE OF QUANTITY			Job No. 12			
			Estimated Cost:- Rs. 2,27,973/-			
			Earnest Money:- Rs. 4,600/-			
			Time Limit:- One Month			
Name of Work:-C/O A/R M/O in various Govt Non Residential Building under ESD Bilaspur H.P(SH:-Providing & Fixing 3 nos Air Conditioner 1.5 ton capacity in 10th Circle Office at Bilaspur in Distt. Bilaspur H.P.						
Sr. No.	Description	Quantity	Rate In fig.	In Words.	Unit	Amount
1	Supplying and fixing 1.5 ton inverter split type Air conditioner Hot and Cold with voltage stabilizer 150 V TO 290 V, advanced filter ,E saver mode , quit mode, dual display ,auto clean ,anti bacteria filter ,jet Cool on/off timer sleep mode compressor cord less remote complete in all respect as per comprising to ISI with latest amendment suitable to operate on 230 volt /240 volt + - 10 % AC supply capable to perform the function of cooling dehumidification air circulation ventilation and fitting in size of nominal cooling capacity and drain pipe 20 mm dia approximately 3mtrs long 2 nos copper pipe with insulator for inlet and outlet approximately 3 mtrs long and M.S power coated frame /stand for erection of out door unit of split type A.C including carriage of material with in all leads and lift. Make -Daikin (model:FTHT50), O General/Mitsubishi or equivalent as approved by the Engineer Charge.	3	75991	Rupees Seventy five thousand nine hundred ninety one only.	Each	227973
G.Total						227973


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