

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No.: PW/ESDHamripur/NIT/2026-27 374-19
To

Dated: 24/9/2024

The Chief Engineer, (HZ)
Himachal Pradesh PWD
Hamirpur.

Subject: Publishing of Tender Notice.

“ Jai Hind”

Sir,

Enclosed please find herewith the Tender Notice of works as given in the Notice Inviting Tenders along with Schedule of Quantities for uploading on departmental website as per Notification vide Secy. (PW) to Govt. of Himachal Pradesh letter No. PBW (B) A (3) 1/2024 dated 03-01-2024. It is certified that the works mentioned in the Notice Inviting Tenders are urgent in nature and in public Interest.

DA:- Notice Inviting Tender & Schedule of Quantity.

Assistant Engineer,
Electrical Sub-Division
HPPWD Hamirpur

Copy to the following for information and necessary action please .

1. The Superintending Engineer, 2nd Electrical Circle, HP.PWD. Dhramshala.
2. The Executive Engineer, Electrical Division HPPWD Una .
3. The Assistant Engineer, Electrical Sub-Division HP.PWD. Una & Bilaspur.
4. The Notice Board in this office

Assistant Engineer,
Electrical Sub-Division
HPPWD Hamirpur

**Office of the
Assistant Engineer
Electrical Sub-Division, HP.PWD., Hamirpur
*NOTICE INVITING TENDER***

Sealed percentage rate tenders are hereby invited by the Assistant Engineer, Electrical Sub-Division HP.PWD., Hamirpur, in form No.6 & 8 on behalf of Governor of H.P. for the following works from the contractors of appropriate class enlisted with HP.PWD. (Electrical) or authorized firm for specialized jobs. The tenders shall be opened on dated 01/10/2026 in the presence of contractors/firms or their authorized representative who wish to be present.

The copy of Authorization letter 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

- Last date of receipt of application :- 28/09/2026 up to 01.00 P.M.
- Date of sale of tenders :- 30/09/2026 up to 04.00 P.M.
- Last date of receipt of bids :- 01/10/2026 up to 10.30 A.M.
- Date of bid opening :- 01/10/2026 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.	Providing, Installation, testing and Commissioning of Split type Air Conditioner in Chief Engineer residence First floor at Hamirpur Distt Hamirpur (HP)	Rs. 80151/-	Rs. 1603/-	One Month	350/-	Class-D,C
2.	Providing, Installation, testing and Commissioning of Split type Air Conditioner in Chief Engineer residence Ground floor at Hamirpur Distt Hamirpur (HP)	Rs. 82647/-	Rs.1652/-	One Month	350/-	Class-D,C
3	Annual Comprehensive Maintenance/ service of Diesel Generator set 100 KVA Installed in HP Rajya Chayan Aayog, Hamirpur.	Rs. 82030/-	Rs. 1650/-	One Year	350/-	Class-D,C
4.	Providing, Installation, testing and Commissioning of Split type Air Conditioner in VIP Set in Rest House Hamirpur, Distt Hamirpur (HP)	Rs. 76744/-	Rs. 1535 /-	One Month	350/-	Class-D,C
5.	C/o Second Block of Hospital Dr. Radhakrishnam Govt. Medical college at Hamirpur at new complex Jol Sappar.	Rs. 84000/-	Rs.2000/-	Fifteen Day	350/-	Class-D,C
6.	Providing, Installation ,testing and Commissioning of Split type Air Conditioner in Drawing hall Ground Floor in Chief Engineer residence at Hamirpur Distt Hamirpur (H.P).	Rs. 71428/-	Rs. 1429/-	One Month	350/-	Class-D,C
7.	Providing, Installation, testing and Commissioning of Split type Air Conditioner in room no. -2, First Floor in Chief Engineer residence at Hamirpur Distt Hamirpur (H.P).	Rs. 69628/-	Rs.1393/-	One Month	350/-	Class-D,C
8.	Material for Annual Comprehensive Maintenance of 500 KVA DG set Sudhir Kirloskar make in Dr. RKGMC Hospital Hamirpur Distt. Hamirpur.	Rs. 84399/-	Rs. 1700/-	One Month	350/-	Class-D,C
9.	A/R & M/O Camp office of Deputy Commissioner Hamirpur (SH:- Providing LED fitting ,LED lamp and rewiring there in)	Rs. 55600/-	Rs.1100/-	One Month	350/-	Class-D,C
10.	Providing, Installation ,testing and Commissioning of Split type Air Conditioner in Superintending Engineer residence Ground Floor at Hamirpur Distt Hamirpur (H.P)	Rs. 66417/-	Rs. 1328/-	One Month	350/-	Class-D,C
11.	Providing, Installation ,testing and Commissioning of Split type Air Conditioner in Superintending Engineer residence First Floor at Hamirpur Distt Hamirpur (H.P)	Rs. 66737/-	Rs. 1335/-	One Month	350/-	Class-D,C
12.	Providing Repair and Maintenance of 125 KVA DG Set in Chief Engineer office Hamirpur Distt Hamirpur (HP)	Rs. 79700/-	Rs.1594/-	One Month	350/-	Class-D,C
13.	Replacement of burnt/ damaged DP MCBs RCCs exhaust fans, ceiling fans and LED down- lighters Rest house failing under the jurisdiction of Electrical Section, Barsar, Hamirpur HPPWD Electrical Sub- Division Hamirpur.	Rs. 75600/-	Rs.1512/-	One Month	350/-	Class-D,C

14.	Providing Armoured cable for DC Office Hamirpur Distt Hamirpur (HP)	Rs. 25792/-	Rs. 516/-	One Month	350/-	Class-D,C
15.	Providing rewiring in, Type-II, Qtr No-32 Polled colony Accommodation at Hamirpur, Distt Hamirpur (HP)	Rs.52000/-	Rs.1040/-	Three Month	350/-	Class-D,C
16.	A/R & M/O Camp office of Deputy Commissioner Hamirpur (SH:- Providing LED fitting, LED lamp and rewiring therein)	Rs. 55600/-	Rs. 1112/-	One Month	350/-	Class-D,C

GENERAL TERMS AND CONDITIONS:-

- 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 Assistant Engineer, HPPWD., Electrical Sub-Division Hamirpur accompanied with the application for receipt of tender form along with cost of form.
- The Contractor/Firm should submit the all above-mentioned documents (photocopy to be self-attested) with the application for obtaining the tender documents.
- 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.
- 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.
- 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.
- 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.
- 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.
- The eligible Contractors/Firm should furnish performance certificate for specialized jobs as required.
- 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.
- The scope of work can be increased/ decreases without any notice.


Assistant Engineer,
Electrical Sub-Division
HPPWD., Hamirpur

No. PWD/ESDH/NIT/2026-27/-

Dated

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

1. The Executive Engineer, HP.PWD., Electrical Division Una .
2. The Deputy Commissioner Office Hamirpur
3. All the Contractors/Firms working under the control of this Division/Sub-Division
4. Notice Board.


Assistant Engineer,
Electrical Sub-Division
HPPWD, Hamirpur

DRAFT SCHEDULE OF QUANTITY

Name of work:- Providing, Installation, Testing and Commissioning of Split type Air Conditioner in Chief Engineer residence First floor at Hamirpur Distt Hamirpur H.P.

S. No.	Description of Items	Quantity	Unit	Rate In Fig.	In Words.	Amount
1	Supplying and fixing 1.5 ton inverter split type air conditioner Hot and Cold with five year warranty, 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 (two thirty volt) volt /240 volt + - 10 % (plus minus ten percent) 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 (twenty millimetre) dia approximately 3mts long 2 nos copper pipe with insulator for inlet and outlet approximately 3 mtrs long including carriage of material with in all leads and lift. Make -Daikin (Model:FTHT50), O General/ Mitsubishi, Voltas as approved by the Engineer Charge Warranty on product one year on PCB five year & on compressor 10 year.	1	Each	63480	Rupees SixtyThree Thousand Four Hundred Eighty Only	63,480
2	Supplying and fixing of voltage stabilizer 130V-280V +/-5 v, 1.5 ton ac having specification input voltage range 170-270v, Digital display Under voltage Protection Over voltage protection including connections, testing and commissioning as required. Make:- Whirpool /Microtek /V Gaurd or its equivalent as approved by Et-in-charge(Three year warranty)	1	each	5651	Rupees Five Thousand Six Hundred FiftyOne Only	5,651
3	Supply, Installation, testing and commissioning including vacuumization and Nitrogen testing of following nominal sizes of soft/hard drawn copper refrigerant piping for VRV/VRF system, complete with fittings, with suitable adjustable ring type hanger supports, jointing/brazing including accessories, insulated with XPLE Class-O tubular insulation/with Class-O closed cell elastomeric nitrile rubber tubular sleeves sections of specified thickness as given below for Suction and Liquid lines, all accessories as per specifications etc. as required. Copper pipe Make: Godrej/ Mehta/ Mandev/ Rajco/ Nippon/ Totaline/ Met Tube & Insulation Make:- Supreme/A-Flex/K-Flex including Gas charging.	2.00	meter	1550	Rupees One Thousand Five Hundred Fifty Only	3,100
4	Supplying & installation of flexible drain pipe. Make: Polypack/ Supreme/ Prince/ Finolex/ Diplast or its equivalent as approved by Et-in-charge	5.00	meter	195	Rupees One Hundred NinetyFive Only	975
5	M/S stand for 1.5 ton inverter split type air conditioner	1.00	each	950	Rupees Nine Hundred Fifty Only	950
6	Providing, laying and fixing of PVC round sheathed 3 core 2.5 sqmm fr copper conductor flexible cable for voltage grade up to 1100 volt, as required complete in all respect. Make :-Finolex/Havell/Polycab/Plaza or it equivalent.	5.00	meter	189	Rupees One Hundred EightyNine Only	945
7	Providing and fixing of nitrile pipe suitable size for 1/4 and 1/2 as approve by Et in-charge as required complete in all respect. Make :-Finolex/Plaza or it equivalent.	2.00	meter	350	Rupees Three Hundred Fifty Only	700
8	Refilling of gas R22 split type air conditioner 1.5 tr	1.00	each	2900	Rupees Two Thousand Nine Hundred Only	2,900

supplying and installation of capacitor in split type air conditioner 1.5 tr complete in all respect. Make :- Finolex/Havell/Polycab/Plaza or it equivalent. Make:- Whirlpool /Godrej equivalent as approved by Er-in-charge(Three year warranty)	1.00	each	1450	Ruppes One Thousand Four Hundred Fifty Only	1450
Total					80,151

DNIT checked and approved for Rs 80,151/- only
 can signify thousand one hundred fiftyone
 only)

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

Assistant Engineer
 Electrical Sub Division
 H.P.P.W.D. Hamirpur

DRAFT SCHEDULE OF QUANTITY

Name of work:- Providing, Installation, testing and Commissioning of Split type Air Conditioner in Chief Engineer residence Ground Floore at Hamirpur Dist Hamirpur H.P.

S. No.	Description of Items	Quantity	Unit	Rate In Fig.	In Words.	Amount
1	Supplying and fixing 1.5 ton inverter split type air conditioner Hot and Cold with five year warranty, 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 3mts long 2 nos copper pipe with insulator for inlet and outlet approximately 3 mtrs long including carriage of material with in all leads and lift. Make -Daikin (Model:FTHT50), O General/ Mitsubishi, Voltas as approved by the Engineer Charge. Warranty on product one year, on PCB five year & on compressor 10 year.	1	Each	63480	Rupees SixtyThree Thousand Four Hundred Eighty Only	63,480
2	Supplying and fixing of voltage stabilizer 130V-280V +/-5 V, 1.5 ton ac having specification input voltage range 170-270V, Digital display, Under voltage Protection, Over voltage protection including connections, testing and commissioning as required. Make:- Whirlpool /Microtek /V Gaurd or its equivalent as approved by E-in-charge(Three year warranty)	1	each	5651	Rupees Five Thousand Six Hundred FiftyOne Only	5,651
3	Supply, Installation, testing and commissioning including vacuumization and Nitrogen testing of following nominal sizes of soft/hard drawn copper refrigerant piping for VRV/VRF system, complete with fittings, with suitable adjustable ring type hanger supports, jointing/brazing including accessories, insulated with XPLE Class-O tubular insulation/with Class-O closed cell elastomeric nitrile rubber tubular sleeves sections of specified thickness as given below for Suction and Liquid lines, all accessories as per specifications etc. as required. Copper pipe Make: Godrej/ Mehta/ Mandev/ Rajco/ Nippon/ Totaline/ Met Tube & Insulation Make:- Supreme/A-Flex/K-Flex including Gas charging.	5.00	meter	1550	Rupees One Thousand Five Hundred Fifty Only	7,750
4	Supplying & installation of flexible drain pipe. Make: Polypack/ Supreme/ Prince/ Finolex/ Diplast or its equivalent as approved by E-in-charge	7.00	meter	195	Rupees One Hundred NinetyFive Only	1,365
5	M/S stand for 1.5 ton inverter split type air conditioner	1.00	each	950	Rupees Nine Hundred Fifty Only	950

	providing, laying and fixing of PVC round sheathed 3 core 2.5 sqmm fr copper conductor flexible cable for voltage grade up to 1100 volt , as required complete in all respect. Make :-Finolex/Havell/Polycab/Plaza or it equivalent.	9.00	meter	189	Rupees One Hundred EightyNine Only	1,201
7	Providing and fixing of nitrile pipe suitable size for 1/4 and 1/2 as approve by E.I. in-charge as required complete in all respect. Make :-Finolex/Plaza or it equivalent.	5.00	meter	350	Rupees Three Hundred Fifty Only	1,750
	Total					82,647

DNIT checked and approved for Rs 82,647/- only
 CM supply and labourer San hudson funds
 (seen only)

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

Approved
 Assistant Engineer
 Electrical S.D.O. Division
 P.P.W.D. Hamirpur

DRAFT SCHEDULE OF QUANTITY

Estimated cost: Rs. 82,030/-
 Earnest money:- Rs. 1650/-
 Time Limit:- One year.

Name of Work:- Annual Comprehensive Maintenance/service of Diesel Generator set 100 KVA Installed in HP Rajya Chayan
 Aayog, Hamirpur

Sr. No.	Description	Qty.	Unit	Rate In Fig.	In Words.	Amount
1.00	Checking the engine for its smooth running, un-usual noise and colour of smoke from exhoust from exhoust,Checking and adjusting fan belt and water pump belt tension . Changing of both, if required. Cleaning of Air Filters to enhance enhance engine life as well as proper inflow or air. Also changing them, if required. Carrying out valve tappet setting as and when required. End play checking of crank shaft,Accessory drive and Turbo Charger whenever required. carrying out periodical maintenance B&C checks however required spare shall be provided by- end user. check of proper functioning of various instruments of dashboard/ instrument panel.. Diagnosis of various faults and then rectification, limited to minor ones, however if any parts required that will be provided by end user. Health check of battery. checking of Acoustic Enclosure.					

2	ELECTRICAL SCOPE OF WORK-Checking and fault finding in the Electrical system associated with the engine. General cleaning of alternator from inside with hand blower, checking carbon brush, if applicable for their proper length and spring tension (in case of convectional alternator). Cleaning battery terminals for sulfation and checking its state. Maintenance of instruments relays and connectors fitted in Genset Control Panel. Checking of wiring system for its loose and dry connections. Charging of rectifiers whenever required (in case convectional alternator). Checking rotating diode assembly in brushless alternator. Checking of mounting bolts. Diagnosis of various faults and their rectification at site. Testing of alternator, once in six months only for L.T. Fault rectification of AMF Panel, if installed. Greasing of alternator bearing as per manufacturer recommendation.					
3	Service of 100Kva DG set i.e changing of filter oil, separator, fuel water, coolant, 2ltrs complete, foil, sealed test strips cc2602b, element- air cleaner, Battery 100 AH, Battery Charger 12 V, 10 amp valvoline premium blue 7800 plus 1/20ltr..					
4	6 Mandatory visits (B1-Monthly visit					
	Complete job	1 job	82030	Rupees Eighty two thousand & thirty only.		82030
	Total:-					82030

DNIT checked and approved for Rs 82,030/- only
 Rs Eighty two thousand and thirty only

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

DRAFT SCHEDULE OF QUANTITY

					Estimated cost:- Rs. 76744/-	
					Earnest money:- Rs. 1535/-	
					Time Limit:- One month .	

Name of work:- Providing, Installation testing and Commissioning of Split type Air Conditioner in VIP Set in Rest House Hamirpur , Distt Hamirpur (H.P)

S. No.	Description of Items	Quantity	Unit	Rate In Fig.	In Words.	Amount
1	Supplying Installation Testing & commissioning 1.8/2.0 ton Inverter split type air conditioner Hot and Cold 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 with as per company standard copper pipe with insulation tape, drain pipe, power cable included including carriage of material with in all leads and lift.. Make -Daikin (Model:FTHT50), O General/ Mitsubishi, Voltas as approved by the Engineer Charge, Warranty on product one year, on PCB five year & on compressor 10 year.	1	each	61410	Rupees Sixty One Thousand Four Hundred Ten only.	61410
2	Supplying and fixing of voltage stabilizer having specification Digital display, led indicator & audible alarm, Input voltage range 150-280V, & built in protection , over voltage, Under voltage , overload, short circuits high temperature, and low oil levels and also have bypass switchin , efficiency 98%, toroidal core including connections, testing and commissioning as required: Make:-Wilpool , V Gaurd , voltas , dolphin or its equivalent as approved by Et-in-charge(Warranty Three year on site)	1	each	3394	Rupees Three Thousand Three Hundred Ninety Four Only.	3394
3	Supply, Installation, testing and commissioning including vacuumization and Nitrogen testing of following nominal sizes of soft/hard drawn copper refrigerant piping for VRV/RF system, complete with fittings, with suitable adjustable ring type hanger supports, jointing/brazing including accessories, insulated with XPLE Class-O tubular insulation with Class-O closed cell elastomeric nitrile rubber tubular sleeves sections of specified thickness as given below for Suction and Liquid lines, all accessories as per specifications etc. as required. Copper pipe Make: Godrej/ Mehta/ Mandev/ Rajco/ Nippon/ Totaline/ Met Tube & Insulation Make:- Supreme/A-Flex/K-Flex including Gas charging.	7.00	meter	1198	Rupees One Thousand One Hundred Ninety Eight Only.	8386

5	Supplying & installation of flexible drain pipe. Make:- Polypack/ Supreme/ Prince/ Finolex/ Diplast or its equivalent as approved by E-I-in-charge	7.00	meter	163	Rupees One Hundred Sixty Three Only.	1141
	M/S stand for 1.5 ton inverter split type air conditioner	1.00	each	813	Rupees Eight Hundred Thirteen Only.	813
6	Providing, laying and fixing of PVC round sheathed 3 core 2.5 sqmm ft copper conductor flexible cable for voltage grade up to 1100 volt, as required complete in all respect. Make :- Finolex/Havell/Polycab/Plaza or it equivalent.	10.00	meter	160	Rupees One Hundred Sixty only.	1600
Total						76744

Assistant Engineer
Electrical Sub Division
H.P.W.D. Hamirpur

DNIT checked and approved the on 26/04/2018
C.M. Seeray. (Incharge Seeray must certify from on 08/04/2018)
(Subject to avoid liability of funds)

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

DNIT

Name of Work:- C/O Second Block of Hospital Dr. Radhakrishnan Govt. Medical college at Hamirpur at new Complex Jol Sappar.

Estimated Cost:-Rs. 84000.00
Earnest Money:- Rs 2000.00
Time Limit:- 15 days

Sr. No.	Description of Items	Qty.	Fig.		Words	Unit		Amount
1	Preparation of detailed working estimate including DNIT complete in all respect in manuscript form and submission of the same to higher office for approval. If any correction/ amendments is desired by the head office the same may be corrected as desired and directed by the Engineer-in-Charge complete in all respect. After approval the same should be submitted in five copies duly computerized along with soft copy completed in all respect including entire carriage of material in all leads and lifts. The job includes preparation of load calculations SLD, EI, Power Point, Substation Cubical Panel, DG set and cabling etc required to complete the job.	1.00	84000.00		eighty four thousand only	Per Job		84000.00
					Total:-			84000.00

Assistant Engineer
Electrical Sub Division
H.P.W.D. Hamirpur

*DNIT checked and approved for Rs 84000 only
CM Signify from thousand only.)*

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

DRAFT SCHEDULE OF QUANTITY

Estimated cost- Rs. 71428/-
Earnest money:- Rs. 1429/-
Time Limit- One month .

Name of work:- Providing, Installation, testing and Commissioning of Split type Air Conditioner in Drawing hall Ground Floor in Chief Engineer residence at Hamirpur Distt Hamirpur H.P.

S. No.	Description of Items	Quantity	Unit	Rate In Fig.	In Words.	Amount
1	Supplying Installation Testing & commissioning 1.8/2.0 ton inverter split type air conditioner Hot and Cold 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 with as per company standard copper pipe with insulation tape, drain pipe, power cable included including carriage of material with in all leads and lift. Make -Daikin (Model: FTH50), O General/ Mitsubishi, Voltas as approved by the Engineer Charge. Warranty on product one year, on PCB five year & on compressor 10 year. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, or other taxes imposed by the Government.Excluding GST.	1	each	61410	Rupees SixtyOne Thousand Four Hundred Ten Only	61410
2	Supplying and fixing of voltage stabilizer specification Digital display, led indicator & audible alarm, Input voltage range 150-280V, & built in protection, over voltage, Under voltage, overload, short circuits high temperature, and low oil levels and also have bypass switchin, efficiency 98%, torodial core including connections, testing and commissioning as required. Make:- Whirlpool /Microtek /V Gaurd or its equivalent as approved by Er-in-charge(Three year warranty)The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, or other taxes imposed by the Government.Excluding GST.	1	each	3394	Rupees Three Thousand Three Hundred NinetyFour Only	3394

3	Supply, Installation, testing and commissioning including vacuumization and Nitrogen testing of following nominal sizes of soft/hard drawn copper refrigerant piping for VRV/VRF system, complete with fittings, with suitable adjustable ring type hanger supports, jointing/brazing including accessories, insulated with XPLE Class-O tubular insulation/with Class-O closed cell elastomeric nitrile rubber tubular sleeves sections of specified thickness as given below for Suction and Liquid lines, all accessories as per specifications etc. as required. Copper pipe Make: Godrej/ Mehta/ Mandev/ Rajco/ Nippon/ Totaline/ Met Tube & Insulation Make:- Supreme/A-Flex/K-Flex including Gas charging. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, or other taxes imposed by the Government.Excluding GST.	2.00	meter	1198	Rupees One Thousand One Hundred NinetyEight Only	2396
4	Supplying & installation of flexible drain pipe. Make:- Polypack/ Supreme/ Prince/ Finolex/ Diplast or its equivalent as approved by Er-in-charge.The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, or other taxes imposed by the Government.Excluding GST.	5.00	meter	163	Rupees One Hundred SixtyThree Only	815
5	M/S stand for 1.5 ton inventor split type air conditioner. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, or other taxes imposed by the Government.Excluding GST.	1.00	each	813	Rupees Eight Hundred Thirteen Only	813
6	Providing, laying and fixing of PVC round sheathed 3 core 2.5 sqmm fr copper conductor flexible cable for voltage grade up to 1100 volt , as required complete in all respect. Make :- Finolex/Havell/Polycab/Plaza or it equivalent. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, or other taxes imposed by the Government.Excluding GST.	5.00	meter	160	Rupees One Hundred Sixty Only	800
7	Dismantling and installation of out door unit split type air conditioner. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, or other taxes imposed by the Government.Excluding GST.	1.00	each	1800	Rupees One Thousand Eight Hundred Only	1800
Total						71428

DN T checked and approved on 21/4/28
Subscribed by [Signature] & [Signature]

AS Engineer
Electrical Sub Division
H P P W D Hamirpur

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

Don't check and approve for 2/14/28 - we
subscribed to French newspaper. (on Sunday
and license of farm included with English weekly)

DRAFT SCHEDULE OF QUANTITY

				Estimated cost:- Rs. 69628/-	
				Earnest money:- Rs. 1393/-	
				Time Limit:- One month	
Name of work:- Providing, Installation, testing and Commissioning of Split type Air Conditioner in room no-2, First Floor Chief Engineer residence at Hamirpur Distt Hamirpur H.P.					

S. No.	Description of Items	Quantity	Unit	Rate In Fig.	In Words.	Amount
1	Supplying Installation Testing & commissioning 1.8/2.0 ton Inverter split type air conditioner Hot and Cold 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 with as per company standard copper pipe with insulation tape, drain pipe, power cable included including carriage of material with in all leads and lift. Make -Daikin (Model: FTH50), O General/ Mitsubishi, Voltas as approved by the Engineer Charge. Warranty on product one year, on PCB five year & on compressor 10 year. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, or other taxes imposed by the Government. Excluding GST.	1	each	61410	Rupees SixtyOne Thousand Four Hundred Ten Only	61410
2	Supplying and fixing of voltage stabilizer specification Digital display, led indicator & audible alarm, Input voltage range 150-280V, & built in protection, over voltage, Under voltage, overload, short circuits high temperature, and low oil levels and also have bypass switch in efficiency 98%, toroidal core including connections, testing and commissioning as required. Make:- Whilpool /Microtek /V Gaurd or its equivalent as approved by E-in-charge (Three year warranty) The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, or other taxes imposed by the Government. Excluding GST.	1	each	3394	Rupees Three Thousand Three Hundred NinetyFour Only	3394

3	Supply, Installation, testing and commissioning including vacuumization and Nitrogen testing of following nominal sizes of soft/hard drawn copper refrigerant piping for VRV/VRF system, complete with fittings, with suitable adjustable ring type hanger supports, jointing/brazing including accessories, insulated with XPLE Class-O tubular insulation/with Class-O closed cell elastomeric nitrile rubber tubular sleeves sections of specified thickness as given below for Suction and Liquid lines, all accessories as per specifications etc. as required. Copper pipe Make: Godeji/ Mehta/ Mandev/ Rajco/ Nippon/ Totaline/ Met Tube & Insulation Make:- Supreme/A-Flex/K-Flex including Gas charging. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, or other taxes imposed by the Government.Excluding GST.	2.00	meter	1198	Rupees One Thousand One Hundred NinetyEight Only	2396
4	Supplying & installation of flexible drain pipe. Make:- Polypack/ Supreme/ Prince/ Finolex/ Diplast or its equivalent as approved by Et-in-charge.The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, or other taxes imposed by the Government.Excluding GST.	5.00	meter	163	Rupees One Hundred SixtyThree Only	815
5	M/S stand for 1.5 ton inverter split type air conditioner The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, or other taxes imposed by the Government.Excluding GST.	1.00	each	813	Rupees Eight Hundred Thirteen Only	813
6	Providing, laying and fixing of PVC round sheathed 3 core 2.5 sqmm fr copper conductor flexible cable for voltage grade up to 1100 volt, as required complete in all respect. Make :- Finolex/Havell/Polycab/Plaza or it equivalent. The rates are inclusive of octroi, royalty, malkana, toll tax, sale tax, or other taxes imposed by the Government.Excluding GST.	5.00	meter	160	Rupees One Hundred Sixty Only	800
Total						69628

Asst Engineer
Electrical Sub Division
H.P.P.W.D. Hamirpur

For it checked and amount for Rs 69628/- only
subjected to funds available (as per
Muzammar Sir's letter dated 12/07/2018)

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

DRAFT SCHEDULE OF QUANTITY

				Estimated cost:- Rs. 84399/-	
				Earnest money:- Rs. 1700/-	
				Time Limit:- One month	

Name of Work:- Providing Material for Annual Comprehensive Maintenance of 500 KVA DG set Sudhir Kirtoskar make in Dr RKGMC HOSPITAL HAMIRPUR Dist. Hamirpur).

S. No.	Description of Items	Quantity	Unit	Rate in Fig.	In Words.	Amount
1	supplying of Kirtoskar Care Premium Genuine Oil 50 Liters CAN 5	1	each	13749	Ruppes Thirteen Thousand Seven Hundred FourtyNine Only	13749
2	supplying of Kirtoskar Care Premium Genuine Oil 5 Liters Can	2	each	1542	Ruppes One Thousand Five Hundred FourtyTwo Only	3084
3	supplying of LUBE OIL FILTER-FULL FLOW-SPIN ON KIRLOSKAR LOGO REVERSAL APPLICATION	1	each	3695	Ruppes Three Thousand Six Hundred NinetyFive Only	3695
4	supplying of LUBE OIL FILTER BY PASS SPIN ON	1	each	2655	Ruppes Two Thousand Six Hundred FiftyFive Only	2655
5	supplying of FINAL FILTER CARTRIDGE	2	each	4369	Ruppes Four Thousand Three Hundred SixtyNine Only	8738
6	supplying of 6H 508 06 0 PR CARTRIDGE FOR FILTER 6H 508 04 0 PR E08368990	1	each	3130	Ruppes Three Thousand One Hundred Thirty Only	3130
7	supplying of Urea filter	2	each	1231	Ruppes One Thousand Two Hundred ThirtyOne Only	2462
8	supplying of SUCTION CONNECTION PIECE	2	each	2708	Ruppes Two Thousand Seven Hundred Eight Only	5416
9	supplying of Adblue Inlet Line Filter	2	each	844	Ruppes Eight Hundred FourtyFour Only	1688
10	supplying of Kirtoskar Care Genuine Coolant Premix 26 Liters Can	1	each	3554	Ruppes Three Thousand Five Hundred FiftyFour Only	3554
11	supplying of AIR FILTER PRIMARY	1	each	4347	Ruppes Four Thousand Three Hundred FourtySeven Only	4347
12	supplying of AIR FILTER SAFETY	2	each	1506	Ruppes One Thousand Five Hundred Six Only	3012
13	supplying of Genuine D.E.F. 20 litre can	3	each	1169	Ruppes One Thousand One Hundred SixtyNine Only	3507
14	supplying of FREIGHT CHARGES	1	each	10000	Ruppes Ten Thousand Only	10000
15	Providing contractor for 62.5 KVA DG set with add on block including VMR 3 PIN relay with five year warranty. Make:-L&T, Schneider, Hegger as approved by Engineer-in charge.	1	EACH	15362	Ruppes Fifteen Thousand Three Hundred SixtyTwo Only	15362
	Total					84399

ASSTANT Engineer
Electrical Sub Division
H.P.W.D. Hamirpur

DNIT checked and approved the Rs. 84,399/- only
in Supply from Approved Source before issuing work
Order. Subjected to further audit etc.

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

DRAFT SCHEDULE OF QUANTITY

Estimated cost:- Rs. 55600/-
 Earnest money:- Rs. 1100/-
 Time Limit:- one month

NAME OF WORK:- A/R & M/O Camp office of Deputy Commissioner Hanurpur (SH:- Providing LED fitting, LED lamp and rewiring there in)

S. No.	Description of Items	Quantity	Unit	Rate in Fig.	In Words.	Amount
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface / recessed Heavy class PVC Conduit having wall thickness minimum 2.0 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: Legrand Lynxus, L&T Entice, Anchor Roma Classic, Panasonic Akina, Crabtree Athena, ABB Adiva, Schneider Electric Clipsal & Wires Make: Finolex, KEL, Anchor, Polycab, Plaza.					
1.01	Group - A	12	each	763	Ruppes Seven Hundred Sixty Three Only	9,156
2	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required. Make: Legrand Lynxus, L&T Entice, Anchor Roma Classic, Panasonic Akina, Crabtree Athena					-
2.01	5/6 amp Modular switch	2	Each	83	Ruppes Eighty Three Only	166
2.02	5 pin 5/6 amp socket outlet	2	each	120	Ruppes One Hundred Twenty Only	240
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. Make: Legrand Lynxus, L&T Entice, Anchor Roma Classic, Panasonic Akina, Crabtree Athena	1	each	417		417
4	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required. Make: Legrand Lynxus, L&T Entice, Anchor Roma Classic, Panasonic Akina, Crabtree Athena	3	each	371	Ruppes Three Hundred Seventy One Only	1,113
5	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required. Make: Legrand Lynxus, L&T Entice, Anchor Roma Classic, Panasonic Akina, Crabtree Athena	3	each	551	Ruppes Five Hundred Fifty One Only	1,653

6	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required Make:-Finolex/ Anchor/ Polycab/ Plaza/ KEI as approved by Er-in-charge.				0	-
6.01	3 x 1.5 sq. mm	30	meter	85	Ruppes EightyFive Only	2,550
6.02	3 x 4 sq. mm	36	meter	187	Ruppes One Hundred EightySeven Only	6,732
7	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed heavy class PVC conduit as required. Make:- Finolex/ Anchor/ Polycab/ Plaza as approved by Er-in-charge.				0	-
7.01	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	2	meter	488	Ruppes Four Hundred EightyEight Only	976
8	Supplying and fixing of following sizes of Heavy class FRLS PVC Conduit having wall thickness minimum 2.0 mm along with accessories in surface/ recess including cutting the wall and making good as required. MAKE:-Diplast/ BEC/ Polyfit/ AKG as approved by Er-In-Charge					-
8.01	25 mm	40	meter	87	Ruppes EightySeven Only	3,480
9	Supplying and fixing Ding Dong bell suitable for single phase, 230 volts, complete as required.					-
9.01	Ding dong bell	1	each	209	Ruppes Two Hundred Nine Only	209
10	Supplying and fixing batten/ angle holder including connection etc. as required.	4	each	76	Ruppes SeventySix Only	304
11	Supplying and fixing of LED 3 Watt fancy Bedside light of white colour with metal & synthetic material, complete with all accessories including making connections, testing etc. as required. Make PHILIPS, wipro, Jaquar as approved by Engineer-in-charge.	1	each	1367	Ruppes One Thousand Three Hundred SixtySeven Only	1,367
12	Supplying and fixing LED batten 35 watt (+/- 5%)Watts, with clear glass cover with steel housing optical material polystyrene and optical cover material polycarbonate having efficacy 120lm/W and luminous flux 2000 lumens having P.F.>0.95 with THD<10%. The LED with Useful life of 50000 Hrs at L70. The LEDs used in the luminaire shall have CCT of 6500 K with CRI of minimum > 80. The Input voltage range shall be 150V to 270V . Fixture have Surge Protection 4kV complete with all accessories, connections, testing and commissioning etc. Make:- wipro / Philips/Jaquar/ panasonic as approved by Engineer-in-Charge (Five YEAR WARRANTY)				Ruppes Five Hundred FiftyFive Only	8,880
		16.00	each	555		

13	Supplying and fixing LED batten 10 watt (+/- 5%)Watts, with clear glass cover with steel housing optical material polystyrene and optical cover material polycarbonate having efficacy 120lm/W and luminous flux 2000 lumens having P.F.>0.95 with THD<10%. The LED with Useful life of 50000 Hrs at L70. The LEDs used in the luminaire shall have CCT of 6500 K with CRI of minimum > 80. The input voltage range shall be 150V to 270V. Fixture have Surge Protection 4kV complete with all accessories, connections, testing and commissioning etc. Make:- wipro / Philips/Jaquar/ panasonic as approved by Engineer-in-Charge (Five YEAR WARRANTY)	1.00	each	219	Rupees Two Hundred Nineteen Only	219
14	Providing and installation of following type of LED retrofit Lamp B-22 holder base with polycarbonate diffuser and aluminium heat sink including connections, testing and commissioning etc. as required Make JAQUAR, wipro, Philips, panasonic as approved by Engineer-in-Charge.				0	-
14.01	LED lamp 9 watt,	32	each	106	Rupees One Hundred Six Only	3,392
14.02	LED lamp 14 watt,	24	each	174	Rupees One Hundred SeventyFour Only	4,176
15	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required Make:- L&T / Legrand/Hager / Schneider as approved by Engineer-in-charge. (five year warranty)					-
15.01	Single pole	5	each	271	Rupees Two Hundred SeventyOne Only	1,355
16	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of double poles in the existing MCB DB complete with connections etc. as required:-Make:- L&T./Legrand/Hager./ ABB as approved by Ei-In-Charge (five year warranty).					-
	40AMP	1	Each	1291	Rupees One Thousand Two Hundred NinetyOne Only	1,291
17	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral busbar, earth bar, din bar, detachable gland plate, interconnections, with appropriate rating copper lugs, gland, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator). Make:- L&T / Legrand/Hager / Schneider as approved by Engineer-in-charge. (five year warranty)					-
17.01	MCBDB-12 way, Double Door	1	Each	2546	Rupees Two Thousand Five Hundred FortySix Only	2,546

18	Supplying and fixing true power make advanced earthing system having GI pipe 3 meter long 50 mm dia with terminal size 50x6 mm, internal strip size 25x3 with 50 Kg compound including excavation of pit and refilling the same and making earthing pit cover 12 inch dia as required complete in all respect. make :- True power, Earth plus, Ashoka or its equivalent as per best satisfaction of Engineer-in-charge.	1	set	4388	Rupees Four Thousand Three Hundred EightyEight Only	4,388
19	Providing and fixing 6swg G.I wire on surface or in recess for loop earthing as required.	20	meter	50	Rupees Fifty Only	1,000
	Total					55610

ASSISTANT Engineer
Electrical Sub Division
H.P.P.W.D. Hamirpur

On 17/06/2021 approved for Rs 55,610/- only
(Subjected to further audit etc.)
(As bill is for Rs 55,610/- only)

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

DRAFT SCHEDULE OF QUANTITY

Name of work: Providing, Installation, testing and Commissioning of Split type Air Conditioner in Superintendent Engineer residence Ground Floor at Hamirpur Dist Hamirpur H.P.					Estimated cost:- Rs. 66417/-	
					Earnest money:- Rs. 1328/-	
					Time Limit:- One month	
S. No.	Description of Items	Quantity	Unit	Rate In Fig.	In Words.	Amount
1	Supplying Installation Testing & commissioning 1.8 ton inverter split type air conditioner Hot and Cold advanced filter, E saver mode, quiet 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 with as per company standard copper pipe with insulation tape, drain pipe, power cable included including carriage of material with in all leads and lift, Make - Daikin, O General/Mitsubishi /LG as approved by the Engineer Charge, Warranty on product one year on PCB five year & on compressor 10 year.	1	Each	61410	Rupees SixtyOne Thousand Four Hundred Ten Only	61410
2	Supplying and fixing of voltage stabilizer 130V-280V +/-5 V, 1.5 ton ac having specification input voltage range 170-270V, Digital display, Under voltage Protection, Over voltage protection including connections, testing and commissioning as required. Make:- Whirlpool /Microtek /V Gaurd or its equivalent as approved by E-in-charge (Three year warranty)	1	each	3394	Rupees Three Thousand Three Hundred NinetyFour Only	3394
3	M/S stand for 1.5 ton inverter split type air conditioner	1.00	each	813	Rupees Eight Hundred Thirteen Only	813
4	Providing, laying and fixing of PVC round sheathed 3 core 2.5 sqmm fr copper conductor flexible cable for voltage grade up to 1100 volt, as required complete in all respect. Make :- Finolex/Havell/Polycab/Plaza or it equivalent.	5.00	meter	160	Rupees One Hundred Sixty Only	800
Total						66417

Assist. Engineer
Electrical Sub-Division
H.P.W.D, Hamirpur (HP)

Don't use steel and copper wires
for 63, 417 only. Use only Smi
labeled from Indian Standards
Subjected to availability of funds,

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

DRAFT SCHEDULE OF QUANTITY						
					Estimated cost:- Rs. 66737/-	
					Earnest money:- Rs. 1335/-	
					Time Limit:- One month	
Name of work:- Providing, Installation, testing and Commissioning of Split type Air Conditioner in Superintendent Engineer residence First Floor at Hamirpur Distt Hamirpur H.P.						
S. No.	Description of Items	Quantity	Unit	Rate In Fig.	In Words.	Amount
1	Supplying Installation Testing & commissioning 1.8 ton Inverter split type air conditioner Hot and Cold 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 with as per company standard copper pipe with insulation tape, drain pipe, power cable included including carriage of material with in all leads and lift, Make -Daikin, O General/Mitsubishi /LG as approved by the Engineer Charge. Warranty on product one year, on PCB five year & on compressor 10 year.	1	Each	61410	Rupees SixtyOne Thousand Four Hundred Ten Only	61410
2	Supplying and fixing of voltage stabilizer 130V-280V +/-5 V, 1.5 ton ac having specification Input voltage range 170-270V, Digital display, Under voltage Protection, Over voltage protection including connections, testing and commissioning as required. Make:- Whirlpool /Microtek /V Gaurd or its equivalent as approved by Et-in-charge (Three year warranty)	1	each	3394	Rupees Three Thousand Three Hundred NinetyFour Only	3394
3	M/S stand for 1.5 ton inverter split type air conditioner	1.00	each	813	Rupees Eight Hundred Thirteen Only	813
4	Providing, laying and fixing of PVC round sheathed 3 core 2.5 sqmm ft copper conductor flexible cable for voltage grade up to 1100 volt, as required complete in all respect. Make :- Finolex/Havell/Polycab/Plaza or it equivalent.	7.00	meter	160	Rupees One Hundred Sixty Only	1120
Total						66737

On is checked and approved for Rs 66737 only
 As only the money from budget fund
 sum only) subjected to availability of funds

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

Asst. Engineer
 Electrical Sub-Division
 H.P.W.D. Hamirpur (HP)

DRAFT SCHEDULE OF QUANTITY

Name of Work: Providing repair and maintenance of 125 KVA DG set in Chief Engineer office Hamirpur Distt Hamirpur H.P

S. No.	Description of Items	Quantity	Unit	Rate in Fig.	In Words.	Amount
1.00	Supplying and fixing rectifier service kit UC 22/27 including testing and commissioning etc as required Make-As per OEM.	1	EACH	8632	Ruppes Eight Thousand Six Hundred ThirtyTwo Only	8632
2	supplying and fixing VNR input voltage 415 volt AC 50 HZ frequency out put voltage 380 volt to 440 volt AC with five year warranty including testing and commissioning etc as required Make-Procure:TeclmkaSelec	1	EACH	3500	Ruppes Three Thousand Five Hundred Only	3500
3	Supplying and fixing belt, V Ribbed including testing and commissioning etc as required Make-As per OEM.	1	EACH	992	Ruppes Nine Hundred NinetyTwo Only	992
4	Supplying and fixing AMF panel 25 KVA display, DG Start Delay 9999 sec delay for 20 sec DG start after EB failure, DG stop Delay 1.20 sec delay for DG stop after EB healthy for 20 sec, LOAD Transfer delay EB->DG, DG->EB 2.10 sec. Delay for total power decay from the bus, 55sec, Input Signal Polarity, DG start pulse on time 1.20 sec, DG Stop command pulse width 1.20 sec, DG Cool down time 1.199 sec delay for DG to cool down without load before DG Off, CT rating 3000/5A including testing and commissioning etc as required Make-Procure:TeclmkaSelec	1	EACH	18500	Ruppes Eighteen Thousand Five Hundred Only	18500
5	Supplying and fixing pulse value plus battery rating 12 V 95 AH dimensions 76x417x6213 including testing and commissioning etc as required Make-As per OEM.	1	EACH	7990	Ruppes Seven Thousand Nine Hundred Ninety Only	7990
6	Supplying and fixing 115 amp main contractor three phase 4 pole with 220 volt supply for coil +/-10% , including testing and commissioning etc as required Make-As per OEM.	1.00	EACH	26850.00	Ruppes TwentySix Thousand Eight Hundred Fifty Only	26850
7	Freight charges	1	JOB	2000	Ruppes Two Thousand Only	2000
8	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, C curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required: Make- L&T / Legrand/Hager / Schneider as approved by Engineer-in-charge. (five year warranty)	5	EACH	1219	Ruppes One Thousand Two Hundred Nineteen Only	6095
9	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required: Make- L&T / Legrand/Hager / Schneider as approved by Engineer-in-charge. (five year warranty)	10	EACH	271	Ruppes Two Hundred SeventyOne Only	2710
10	Supplying and fixing metal box of 200mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLSout including providing and fixing 3 nos. 3 pin 5/6 amps Plano socket outlets and 3 nos 5/6 amps Plano switches, connection, painting etc. as required. Make: Anchor, SSK				0	0
10.01	200 mm X 75 mm X 60 mm	8	EACH	306	Ruppes Three Hundred Six Only	2448
	Total					79717

Estimated cost:- Rs. 79700/-
Earnest money:- Rs. 1594/-
Time Limit:- One month

Draft Schedule of Quantity for 14/03/2022
Submitted to an authority of Hamirpur
Assistant Engineer Security Division
Electrical Sub-Division
H.P.W.D, Hamirpur (HP)
Executive Engineer
Electrical Division
H.P.W.D. Una-17430

DRAFT SCHEDULE OF QUANTITY

				Estimated cost:- Rs.75600 /-	
				Earnest money:- Rs. 1512/-	
				Time Limit:- One month	
Name of Work:- Replacement of burnt/damaged DP MCBs, RCCBs, exhaust fans, ceiling fans and LED down-lighters at various Rest Houses falling under the jurisdiction of Electrical Section, Barsar, Hamirpur					
HPPWD Electrical Sub-Division, Hamirpur.					
No.	Description of Items	Quantity	Unit	Rate In Fig.	In Words.
Amount					
1	Supplying and fixing following plano type switch/ socket on the existing switch box/ cover including connections etc. as required. Make:- Anchor/L & T/SSK				
1.01	5/6 amps switch	10 each		40	Rupees Fourty Only
1.02	5/6 amps socket	10 each		53	Rupees FiftyThree Only
1.03	15/16 amps switch	8 each		111	Rupees One Hundred Eleven Only
1.04	15/16 amps socket	8 each		119	Rupees One Hundred Nineteen Only
1.05	plug top 15 amp	5 each		100	Rupees One Hundred Only
1.06	Fan regulator	5 each		232	Rupees Two Hundred ThirtyTwo Only
2	Supplying and fixing batten/ angle holder including connection etc. as required. Make:- Anchor/L & T/SSK as approved by Engineer-in-Charge.	4 each		54	Rupees FiftyFour Only
3	Supplying and fixing street light LED 25 watt IP66 with G.I bracket die cast Aluminium housing with frame and toughened glass, pipe mounting 6500k. (Five YEAR WARRANTY) and it should be compatible with specification e.i. Power Factor > .9. Harmonic Distortion<10% and efficacy >120 Lumens per watt and lumen out put 6500 lumens suitable for input voltage: AC 220-240 V, 50/60Hz with 5kv surge protection, complete with all accessories, connections, testing and commissioning etc. Make - Philips /JAQUAR /wipro as approved by Engineer-in-Charge (five year warranty)	8 each		446	Rupees Four Hundred FourtySix Only
4	Supplying and fixing LED batten 35 watt (+/- 5%)Watts, with clear glass cover with Aluminium housing optical material polystyrene and optical cover material polycarbonate having efficacy 130lm/W and luminous flux 4550 lumens having P.F.>0.95 with THD<10%. The LED with Useful life of 50000 Hrs at L70. The LEDs used in the luminaire shall have CCT of 6500 K with CRI of minimum > 80. The input voltage range 230 VAC. Fixture have Surge Protection 4kV complete with all accessories, connections, testing and commissioning etc. Make:- wipro /Philips/Jaquar as approved by Engineer-in-Charge (Five YEAR WARRANTY)	2 each		557	Rupees Five Hundred FiftySeven Only
5	Providing, installation, testing and commissioning of ceiling fan,including wiring the down rods of standard length (up to 45 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required. Make:- Usna (TECHNIX PLUS 3 star), Bajaj, Crompton as approved by Engineer-in-Charge(warranty five year)				0
5.01	Ceiling fan 1200 mm sweep	3 each		3125	Rupees Three Thousand One Hundred TwentyFive Only
					0
					9375

6	Supply and fixing of Recess led COB downlighter in 7 W (+/- 5%)watts in Round Shape with minimum system lumen efficacy of 110 lm/W and total luminous flux 1320 with Pressure Die cast Aluminium heat sink with and HET diffuser and polycarbonate mounting box P.F.>0.95, THD<10%, CCT 6500K/3000/4000K, CRI > 80, UGR<23, IP20 protection. The LED with Useful life of 50000 Hrs at L70. The Input voltage range shall be 160V to 360V .Fixture have Surge Protection 3 kV and Inbuilt short circuit protection .Isolated Driver including ,cutting arrangement ,complete in all respect. Make :-Havell, Philips/Wipro/Jaquar or as approved by Engineer-in-Charge.(five year warranty)	4 each	751	Rupees Seven Hundred FiftyOne Only	3004
7	Supply and fixing of surface led downlighter in 18 W (+/- 5%)watts in Round Shape with minimum system lumen efficacy of 100 lm/W and total luminous flux 1500 with Pressure Die cast Aluminium HOUSING and HET diffuser and polycarbonate mounting box P.F.>0.90, ATHD<15%, CCT 6500K/4000K/3000, CRI > 80, IP20 protection. The LED with Useful life of 50000 Hrs at L70. The Input voltage range shall be 220V to 240V .Fixture have Surge Protection 4 kV and Inbuilt short circuit protection .Isolated Driver including ,cutting arrangement ,complete in all respect. Make Philips/Wipro/Jaquar /penasonic or as approved by Engineer-in-Charge.(five year warranty)	3 each	835	Rupees Eight Hundred ThirtyFive Only	2505
8	Providing and installation exhaust fan of 300 mm sizes PVC body in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required: Make:- Usha, Bajaj, Crompton as approved by Er-in-charge(Five year warranty)				0
8.01	Exhaust fan 300 sweep	1 each	2673	Rupees Two Thousand Six Hundred SeventyThree Only	2673
9	Providing and installation exhaust fan of 300mm (I/D) size in the existing opening,including making the hole to suit the size of the above fan, making good thedamages, connections, testing and commissioning etc. as required: Make:- Usha/Bajaj/Crompton as approved by Er-in-charge(Five year warranty)	4 each	2222	Rupees Two Thousand Two Hundred TwentyTwo Only	8888
10	Supplying and fixing street light LED 25 watt IP66 with G.I bracket die cast Aluminium housing with frame and toughened glass, pipe mounting 6500K, (Five YEAR WARRANTY) and it should be compatible with specification e.i. Power Factor > .9, Harmonic Distortion<10% and efficacy >120 Lumens per watt and lumen out put 6500 lumens suitable for input voltage: AC 220-240 V, 50/60Hz with 5kV surge protection , complete with all accessories, connections, testing and commissioning etc. Make - Philips /JAQUAR /wipro as approved by Engineer-in-Charge	1 each	2156	Rupees Two Thousand One Hundred FiftySix Only	2156
11	Supplying and fixing of fan capacitor 2.5 microfarad complete in all respect as required	2 each	50	Rupees Fifty Only	100
12	Supplying and fixing Geyser thermostat including testing and commissioning etc ect as required	2 each	250	Rupees Two Hundred Fifty Only	500
13	Supplying and fixing Geyser element 2 kw triangular type including testing and commissioning etc ect as required.	4 each	750	Rupees Seven Hundred Fifty Only	3000
14	Supplying and fixing Geyser thermocut including testing and commissioning etc ect as required	2 each	200	Rupees Two Hundred Only	400

	Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes by means of expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, making good the damages, electrical connections, testing etc. complete as required. Make:- UshaBajaj/Crompton as approved by Er-In-charge(Five year warranty)					0	0
15.01	Geyser 25 litr.	2	each	11270	Rupees Eleven Thousand Two Hundred Seventy Only	0	22540
16	Supplying and fixing , 240/415 volts, 10 KA, "C" curve,miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.)including five year warranty all rates are inclusive of carriage of materials within all leads and lifts and all taxes of octroi ,royalty, malkana, toll tax,sale tax Gst or other taxes as imposed by the Govt time to time where applicable. Make:- L&T Cat. No. (SL96072, Legrand, Hager, ABB as approved by Er-In-Charge (five year warranty)		each			0	0
16.01	Single pole 5-32 amp	3	each	333	Rupees Three Hundred ThirtyThree Only		999
17	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, "C" curves, miniature circuit breaker of double poles in the existing MCB DB complete with connections etc. including five year warranty all rates are inclusive of carriage of materials within all leads and lifts and all taxes of octroi ,royalty, malkana, toll tax,sale tax Gst or other taxes as imposed by the Govt time to time where applicable.-Make:- L&T, Legrand, Hager, ABB as approved by Er-In-Charge (five year warranty)	3	each	1636	Rupees One Thousand Six Hundred ThirtySix Only		4908
18	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts,10 KA residual current circuit breaker (RCCB), having a sensitivity current 30 milli amperes in the existing MCB DB complete with connections, testing and commissioning etc. including five year warranty all rates are inclusive of carriage of materials within all leads and lifts and all taxes of octroi ,royalty, malkana, toll tax,sale tax Gst or other taxes as imposed by the Govt time to time where applicable.Make:- L&T, Legrand, Hager, ABB as approved by Er-In-Charge (five year warranty)		each			0	0
18.01	63 AMP	1	each	4917	Rupees Four Thousand Nine Hundred Seventeen Only		4917
19	Providing and installation of following type of LED retrofit Lamp 12 watt B-22 holder base with polycarbonate diffuser and aluminium heat sink including connections, testing and commissioning etc. as required Make JAQUAR, wipro, Philips or its equivalent as approved by Engineer-In-Charge.	2	EACH	161	Rupees One Hundred SixtyOne Only		322
	TOTAL						75615

Assist. Engineer
Electrical Sub-Division

H.P.P.W.D, Hamirpur (HP)

Executive Engineer

Electrical Division

H.P.P.W.D. Una-174303

DN IT checked and approved for Rs 75615/- only
Subjected to availability of material (No security for
material) No labour (but labour entry)

DRAFT SCHEDULE OF QUANTITY					
NAME OF WORK:- Providing Armoured cable for DC Office Hamirpur Disst Hamirpur H.P				Estimated cost:- Rs. 25792/-	
				Earnest money:- Rs. 516/-	
				Time Limit:- One month	
S. No.	Description of Items	Quantity	Unit	Rate In Fig.	In Words.
1	Providing & Laying of one number aluminium conductor, PVC insulated and PVC sheathed armoured/ XLPE power cable, 1.1 KV grade of following sizes on wall surface as required. Make:- POLYCAB, Havells, Finolex as approved by Er-in-charge.				
1.01	Armoured cable 25 sq. mm (3.5 core)	65	meter	362	Rupees Three Hundred SixtyTwo Only
2	Supplying and fixing kit Kat 100 amp including commissioning testing etc as required. MAKE :- Nirod, Anchor, Havell.	3	each	754	Rupees Seven Hundred FiftyFour Only
	TOTAL				
					25,792

*DNT checked and approved for Rs. 25,792/- and
subjected to available budget of funds (including the
fund from source and only two only)*

Assistant Engineer

Electrical Sub-Division

D.P.P.W.D, Hamirpur (HP)

Executive Engineer

Electrical Division

H.P.P.W.D. Una-174303

DRAFT SCHEDULE OF QUANTITY

Estimated cost:- Rs. 52000/-
Earnest money:- Rs. 1040/-
Time Limit:- Three month

NAME of work:- Providing rewiring in, Type-II, qtr No- 32, Pooled colony Accommodation at Hanurpur, Distt Hanurpur H.P

S. No.	Description of Items	Quantity	Unit	Rate In Fig.	In Words.	Amount
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface / recessed heavy class PVC conduit having wall thickness minimum 2 mm with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq. mm. FRLS PVC insulated copper conductor single core cable etc as required. Make: Anchor,SSK. Make: Finolex,Anchor, Polycab, Plaza.					
1.01	Group-A	14	each	705	Rupees Seven Hundred Five Only	9,870
2	Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. Make: Anchor,SSK					-
2.01	5/6 amp Modular switch	4	Each	37	Rupees ThirtySeven Only	148
2.02	5 pin 5/6 amp socket outlet	4	each	50	Rupees Fifty Only	200
3	Supplying and fixing two rotary stepped type electronic fan regulator on the existing switch box including connections etc. as required. Make: Anchor,SSK	2	each	222	Rupees Two Hundred TwentyTwo Only	444
4	Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in FRLS on including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required. Make: Anchor,SSK.	6	each	352	Rupees Three Hundred FiftyTwo Only	2,112
5	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. Make:-Finolex/ Anchor/ Polycab/ Plaza as approved by Er-in-charge.					-
5.01	3 x 1.5 sq. mm	45	meter	85	Rupees EightyFive Only	3,825
5.02	3 x 4 sq. mm	56	meter	187	Rupees One Hundred EightySeven Only	10,472
6	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed heavy class PVC conduit as required. Make:- Finolex/ Anchor/ Polycab/ Plaza as approved by Er-in-charge.					-
6.01	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	2	meter	488	Rupees Four Hundred EightyEight Only	976

7	Supplying and fixing of following sizes of Heavy class FRLS PVC Conduit having wall thickness minimum 2.0 mm along with accessories in surface/ recess including cutting the wall and making good as required. MAKE:-Diplast/BEC/Polyfit/ AKG as approved by En-In-Charge						-
7.01	25 mm	45	meter	87	Ruppes EightySeven Only		3,915
8	Supplying and fixing Ding Dong bell suitable for single phase, 230 volts, complete as required.						-
8.01	Ding dong bell	1	each	209	Ruppes Two Hundred Nine Only		209
9	Providing, Installation, testing and commissioning of ceiling fan, including writing the down rods of standard length (up to 45 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required. (Make: Usha Technix BLDC ISI, Orient Echolech Prime, Havells Efficiencia, Bajaj Energos 26, Anchor Ecobreez Urban 3 Blades, Crompton Emerigon HS Groove Hyperjet only) five year warranty.						-
9.01	Ceiling Fan 1200 mm sweep	2	each	3125	Ruppes Three Thousand One Hundred TwentyFive Only		6,250
10	Supplying and fixing batten/ angle holder including connection etc. as required.	6	each	76	Ruppes SeventySix Only		456
11	Supplying and fixing LED batten 25 watt (+/- 5%) Watts, with clear glass cover with steel housing optical material polystyrene and optical cover material polycarbonate having efficacy 120lm/W and luminous flux 2000 lumens having P.F.>0.95 with THD<10%. The LED with Useful life of 50000 Hrs at L70. The LEDs used in the luminaire shall have CCT of 6500 K with CRI of minimum > 80. The input voltage range shall be 150V to 270V. Fixture have Surge Protection 4kV complete with all accessories, connections, testing and commissioning etc. Make:- wipro / Philips/ Jaquar as approved by Engineer-in-Charge (Five YEAR WARRANTY)	3	each	444	Ruppes Four Hundred FourtyFour Only		1,332
12	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make:- L&T /Legrand/Hager / Schinder as approved by Engineer-in-charge. (five year warranty)						-
12.01	Single pole	8	each	271	Ruppes Two Hundred SeventyOne Only		2,168
13	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of double poles in the existing MCB DB complete with connections etc. as required. Make:- L&T./Legrand/Hager/ABB as approved by En-In-Charge (five year warranty).	1	Each	1291	Ruppes One Thousand Two Hundred NinetyOne Only		1,291

14	Supplying and fixing following rating, double pole, (single phase and neutral), 240 volts, 10 KA residual current circuit breaker (RCCB), having a sensitivity current 30 milli amperes in the existing MCB DB complete with connections, testing and commissioning etc. as required. Make:- L&T / Legrand / Hager / Schuder as approved by Engineer-in-charge. (five year warranty)					
14.01	63 AMP	1	Each	3564	Rupees Three Thousand Five Hundred SixtyFour Only	3,564
15	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral busbar, earth bar/din bar, detachable gland plate, interconnections, with appropriate rating copper lugs, gland, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) Make:- L&T / Legrand / Hager / Schuder as approved by Engineer-in-charge. (five year warranty)					
15.01	MCBDB-12 way, Double Door	1	Each	2546	Rupees Two Thousand Five Hundred FortySix Only	2,546
16	Providing and installation exhaust fan of 300mm (L/D) 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 Aeroclean LD, Orient Air Flow, Crompton Drift Air Plus Metal Anti Dust, Anchor Ammol Deluxe-R, Havells Ventil Air DS Only). Five year warranty	1	Each	2208	Rupees Two Thousand Two Hundred Eight Only	2,208
	Total					51,968

Asstt Engineer
Electrical Sub-Division
H.P.P.W.D, Hamirpur (HP)

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

Dr. D. S. Choudhary and approved for Rs. 51,968/- only
(As fully mentioned in the bill and duly verified by
me) Sub-divisional Engineer
Electrical Division
H.P.P.W.D, Una-174303

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK-A/R & M/O Camp office of Deputy Commissioner Hanurpur (SH)- Providing LED fitting, LED lamp and rewiring there in)					Estimated cost:- Rs. 55600/-	Earnest money:- Rs. 1112/-	Time Limit:- one month
No.	Description of Items	Quantity	Unit	Rate In Fig.	In Words.	Amount	
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface / recessed Heavy class PVC Conduit having wall thickness minimum 2.0 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: Legrand Lyncus, L&T Entice, Anchor Roma Classic, Panasonic Akina, Crabtree Athena, ABB Adiva, Schneider Electric Clipsal & Wires Make: Finolex, KEI, Anchor, Polycab, Plaza.						
1.01	Group - A	12	each	763	Rupees Seven Hundred Sixty Three Only	9,156	
2	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc as required. Make: Legrand Lyncus, L&T Entice, Anchor Roma Classic, Panasonic Akina, Crabtree Athena						
2.01	5/6 amp Modular switch	2	Each	83	Rupees Eighty Three Only	166	
2.02	5 pin 5/6 amp socket outlet	2	each	120	Rupees One Hundred Twenty Only	240	
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. Make: Legrand Lyncus, L&T Entice, Anchor Roma Classic, Panasonic Akina, Crabtree Athena	1	each	417	Rupees Three Hundred Seventy One Only	417	
4	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required. Make: Legrand Lyncus, L&T Entice, Anchor Roma Classic, Panasonic Akina, Crabtree Athena	3	each	371	Rupees Five Hundred Fifty One Only	1,113	
5	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required. Make: Legrand Lyncus, L&T Entice, Anchor Roma Classic, Panasonic Akina, Crabtree Athena	3	each	551		1,653	

Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. Make- Finolex/ Anchor/ Polycab/ Plaza/ KEI as approved by Er-in-charge.					
6.01	3 x 1.5 sq. mm				0
6.02	3 x 4 sq. mm	30	meter	85	Rupees EightyFive Only
7	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed heavy class PVC conduit as required. Make- Finolex/ Anchor/ Polycab/ Plaza as approved by Er-in-charge.	36	meter	187	Rupees One Hundred EightySeven Only
7.01	2 X 10 sq. mm + 1 X 6 sq. mm earth wire	2	meter	488	Rupees Four Hundred EightyEight Only
8	Supplying and fixing of following sizes of Heavy class FRLS PVC Conduit having wall thickness minimum 2.0 mm along with accessories in surface/ recess including cutting the wall and making good as required. MAKE:-Diplast/ BEC/ Polyfit/ AKG as approved by Er-In-Charge				
8.01	25 mm				
9	Supplying and fixing Ding Dong bell suitable for single phase, 230 volts, complete as required.	40	meter	87	Rupees EightySeven Only
9.01	Ding dong bell	1	each	209	Rupees Two Hundred Nine Only
10	Supplying and fixing batten/ angle holder including connection etc. as required.	4	each	76	Rupees SeventySix Only
11	Supplying and fixing of LED 3 Watt fancy Bedside light of white colour with metal & synthetic material, complete with all accessories including making connections, testing etc. as required. Make PHILIPS, wipro, jaquar as approved by Engineer-in-charge.				Rupees One Thousand Three Hundred SixtySeven Only
12	Supplying and fixing LED batten 35 watt (+/- 5%)Watts, with clear glass cover with steel housing optical material polystyrene and optical cover material polycarbonate having efficacy 120lm/W and luminous flux 2000 lumens having P.F.>0.95 with THD<10%. The LED with Useful life of 50000 Hrs at L70. The LEDs used in the luminaire shall have CCT of 6500 K with CRI of minimum > 80. The Input voltage range shall be 150V to 270V. Fixture have Surge Protection 4kV complete with all accessories, connections, testing and commissioning etc. Make:- wipro / Philips/Jaquar/ panasonic as approved by Engineer-in-Charge (Five YEAR WARRANTY)	1	each	1367	Rupees Five Hundred FiftyFive Only
		16.00	each	555	
					8,880

	Supplying and fixing LED batten 10 watt (+/- 5%)Watts, with clear glass cover with steel housing optical material polystyrene and optical cover material polycarbonate having efficacy 120lm/W and luminous flux 2000 lumens having P.F.>0.95 with THD<10%. The LED with Useful life of 50000 Hrs at L70. The LEDs used in the luminaire shall have CCT of 6500 K with CRI of minimum > 80. The Input voltage range shall be 150V to 270V . Fixture have Surge Protection 4kV complete with all accessories, connections, testing and commissioning etc. Make:- wipro /Philips/Jaquar/panasonic as approved by Engineer-in-Charge (Five YEAR WARRANTY)	1.00	each	219	Rupess Two Hundred Nineteen Only	219
14	Providing and installation of following type of LED retrofit Lamp B-22 holder base with polycarbonate diffuser and aluminium heat sink including connections, testing and commissioning etc. as required.Make JAQUAR, wipro,Philips,panasonic as approved by Engineer-in-Charge.				0	-
14.01	LED lamp 9 watt ,	32	each	106	Rupess One Hundred Six Only	3,392
14.02	LED lamp 14 watt ,	24	each	174	Rupess One Hundred SeventyFour Only	4,176
15	Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, 10 kA, "C" curve,minature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.Make:- L&T /Legrand/Hager / Schneider as approved by Engineer-in-charge. (five year warranty)					-
15.01	Single pole	5	each	271	Rupess Two Hundred SeventyOne Only	1,355
16	Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of double poles in the existing MCB DB complete with connections etc. as required:-Make:- L&T/Legrand/Hager/ ABB as approved by Ei-In-Charge (five year warranty).					-
	40AMP	1	Each	1291	Rupess One Thousand Two Hundred NinetyOne Only	1,291
17	Supplying and fixing following way, single pole and neutral,sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral busbar, earth bar,din bar, detachable gland plate, interconnections, with appropriate rating copper lugs, gland, powder painted including earthing etc as required. (But withoutMCB/RCCB/Isolator) Make:- L&T /Legrand/Hager / Schneider as approved by Engineer-in-charge. (five year warranty)					-
17.01	MCBDB-12 way , Double Door	1	Each	2546	Rupess Two Thousand Five Hundred FourtySix Only	2,546

Applying and fixing true power make advanced earthing system having GI pipe 3 meter long 50 mm dia with terminal size 50x6 mm, internal strip size 25x3 with 50 Kg compound including excavation of pit and refilling the same and making earthing pit cover 12 inch dia as required complete in all respect. make :- True power, Earth plus, Ashloka or its equivalent as per best satisfaction of Engineer-in-charge.	1	set	4388	Rupees Four Thousand Three Hundred Eighty Eight Only	4,388
18 Providing and fixing 6swg G.I wire on surface or in recess for loop earthing as required.	20	meter	50	Rupees Fifty Only	1,000
Total					55610

Assis ~~tant~~ Engineer
 Electrical Sub-Division
 H.P.P.W.D., Hamirpur (HP)

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

D.N.I.T. Checked and approved for 55610/- only
 Subject to availability of funds (in full for
 monies in hand) (in only)