

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No:- PW-Elect. MND-TA-NIT/2023:- 762-72

Dated:- 11/5/23

To

The Executive Engineer (IT Cell),
Nirman Bhawan, Nigam Vihar, Shimla-2

Subject:-

Publishing of tender Notice.

Sir,

Enclosed please find herewith the tender notice a/w schedule of quantity of work as given in the Notice Inviting Tender for uploading on Department website as Per Notification No.Pr. Secy. (PW), to the Govt. of H.P. letter No.PBW(B) A(3)1/2020 dated Shimla-2 the 16th July, 2021 as the work mentioned in the tender notice are urgent in nature and in public interest.

DA:- Notice Inviting Tender,
(35 Nos. Works)

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

Copy forwarded to for information:-

Copy forwarded to the Superintending Engineer, 1st Electrical Circle, HP.PWD., Shimla for information please.

Copy to all the Assistant Engineers, working under this Division.
Account Branch and Drawing Branch in this office,
Notice Board.

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

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

"NOTICE INVITING TENDER"

Sealed ~~Percentage rate~~ tender on form "S&S" are invited by the Executive Engineer, Electrical Division, H.P. PWD, Mandi for the following work from the approved and eligible contractors enlisted in H.P. PWD, Electrical (Wing) Department, so as to reach in his office on or before **25-05-2023/ upto 11.30 A.M.** and will be opened on the same day at **3.00 P.M.** in the presence of interested contractors or their authorized representatives who may like to be present, if it happen to be holiday on the tender will be open on next working day. The application for obtaining the tender form will be received up to **11:00 A.M. on 23-05-2023** and EMD should be attached during the submission of application for obtaining the tender form, without Earnest Money & Cost of tender form, the application will not be accepted.

The earnest money in the shape of FDR National Saving Certificate/Time deposit accounts/saving account in any of the Post Office and Banks of Himachal Pradesh duly pledged in favour of the Xerox must accompany with each tender. Conditional tender and the tender received without earnest money will summarily be rejected. The earnest money should be attached with application. The offer of the tender shall be kept open for **30 days**. The Executive Engineer reserves the right to reject the tender without assigning any reason.

Job No.	Name of work	Estimated Cost (Rs.)	Earnest Money (Rs.)	Cost of Tender Form (Rs.)	Time limit	Eligible Class of Contractor
1	C/O Pre-Fab/Pre Engineered Health Sub. Center building at Sun Dist. Mandi H.P. With light Gauge steel frame structure L/GSF Technology (SH. Prov. E. I. therein)	1,00,813/-	3500	350	Along with civil work.	C&D
2	C/O Additional accommodation at HP PWD Rest House at Mandap Tehsil, Dharampur Dist. Mandi (SH. Prov. A.C. 1.5 Tons therein)	2,43,155/-	4500	350	Along with civil work	C&D
3	C/O Ayurvedic Health center building at Drang Bharg Dist. Mandi H.P. (SH. Prov. E. I. therein)	2,97,244/-	6000	350	Along with civil work	C&D
4	C/O GNC building at Jangthil Dist. Mandi H.P. (SH. Balance work of E.I. and yard light therein)	3,82,241/-	7650	350	One Month	B&C
5	Providing and Fixing ceiling Fan, Exhaust fan, wall mounting fan, LED Tube, street light Fixture, A. C and electrical accessories in HP PWD Division office and Sub. Division office Nerchowk Dist. Mandi H.P.	1,54,689/-	3300	350	One Month	C&D
6	Rewiring of J.E. Qtrs at Tindi Tehsil, Udaipur Dist. L&S.	1,21,686/-	2450	350	One Month	C&D
7	Rewiring of HP PWD Rest House at Tindi Tehsil, Udaipur Dist. L&S.	1,91,783/-	3850	350	One Month	C&D
8	Providing and LAN connectivity and networking between Court No.2 Session Court at Sarkaghat in Dist. Mandi.	3,10,860/-	6250	350	Two Month	B&C
9	Rewiring of AE Residence HP PWD Sub. Division Udaipur Dist. L&S.	1,58,709/-	3200	350	One Month	C&D
10	Providing rewiring in Revenue Hut building (I AS Probationary Residence) at Jail road Mandi Dist. Mandi H.P.	1,53,549/-	3100	350	One Month	C&D
11	C/O Ayurvedic Health center building at Bhadgaon Tehsil, Sadar Dist. Mandi H.P.	3,06,608/-	6150	350	Along with civil work	B&C
12	C/O Examination Hall building at Govt. Ser. Sec. School at Sarsa Dist. Mandi (H.P.) (SH. Prov. E.I. therein)	2,33,616/-	4700	350	Along with civil work	C&D
13	C/O Govt. Ser. Sec. School at Shikwan Tehsil, Thunag Balance work (Prov. E. I. therein)	1,49,373/-	3000	350	Along with civil work	C&D
14	SITC Solar water Heating system at Civil Hospital Bagaid Dist. Mandi (H.P.)	4,50,273/-	9050	350	One Month	B&C
15	C/O ware House for storage of EVM and VVPAT at Bhail Dist. Mandi (SH. Prov. E. I. therein) Balance work.	4,06,445/-	8150	350	Two Month	B&C
16	Providing SOP for Huts in R.R. Building at Janal Panch Dist. Mandi	1,56,210/-	3150	350	One Month	C&D
17	C/O Fire Post at south portal of Atal Tunnel Tehsil Manali Dist. Kulu H.P. (SH. Prov. E. I. therein)	1,87,597/-	3800	350	Along with civil work	C&D
18	Repair and maintenance to 2 Nos. Type -II Qtrs of Trout farm Patikuli Dist. Kulu H.P. (SH. Prov. Rewiring and replacing fixtures therein)	1,80,281/-	3250	350	One Month	C&D
19	Repair and maintenance to 4 Nos. type -II Qtrs of trout from Patikuli Dist. Kulu H.P. (SH. Rewiring and replacing fixtures therein)	2,41,535/-	4850	350	One Month	C&D
20	C/O Ayurvedic Dispensary Building at Sajale at Dist. Kulu H.P. (SH. Prov. E.I. in ground and first at floor therein)	2,89,174/-	6000	350	Along with civil work	C&D
21	Supplying installation testing and commissioning of wireless fire alarm at Deputy Director Treasury office Cum-Residence at Khaliyar Dist. Mandi	4,76,730/-	9550	350	Along with civil work	B&C
22	C/O J.E. office cum Residence PWD at Chaitan (SH. A/A of PWD Qtrs. 2nd floor Prov. E.I. therein)	1,62,027/-	2050	350	Along with civil work	C&D

23	Providing Yard Lighting in the campus of PWD Rest House at Ohanotu Tehsil-Sunder Nagar Distt. Mandi (H.P.)	4,65,488/-	9750	350	Along with civil work	B&C
24	C/O Civil Hospital at Bilsaid Distt. Mandi. H.P. (SH-Providing Yard Light Road side there in)	4,93,848/-	9900	350	Along with civil work	B&C
25	C/O Indoor Badminton Hall at Dhalpur Kulu H.P. (SH-Provid. LED Fixtures there in)	4,92,318/-	9950	350	Along with civil work	B&C
26	Supply and Installation Testing Commissioning of Facade Lighting for Dev Saitan Building in Kulu H.P. (SH-Programming of lights there in)	4,98,800/-	10000	350	One Month	B&C
27	Supply and Installation Testing Commissioning of Facade Lighting for Dev Saitan Building in Kulu H.P.	4,96,280/-	10000	350	One Month	B&C
28	C/O Science Lab at Govt. Sen. Sec. School Barot Tehsil Dharampur Distt. Mandi (Second floor) (SH-Provid. E.I. Balance work therein)	1,80,627/-	3650	350	One Month	C&D
29	Repair and Maintenance to 2 No. Type 3 Ctr at Manali (SH- Rewiring and providing earthing to type 2 qtrs there in)	2,83,044/-	5700	350	One Month	C&D
30	Repair and Maintenance to 14 No eco friendly shops, Marks at Manali (SH- Providing light points, heating points and accessories there in)	2,58,322/-	5200	350	One Month	C&D
31	Providing Cables and Main Control for Lifts and Cables for VRF system at 50 Bedded Hospital Distt. Mandi H.P.	2,99,408/-	6000	350	Along with civil work	C&D
32	C/O Civil Hospital at Bilsaid Distt. Mandi. H.P. (SH-Providing Yard Lighting Cables there in)	4,72,866/-	9600	350	Along with civil work	B&C
33	C/O legal Aid office and providing Additional plug and Heating point in Additional Session Judge-II at Distt. Court complex Mandi Distt. H.P. (SH-Providing E.I. therein)	1,77,951/-	3600	350	Along with civil work	C&D
34	RM of E.I. accessories of various non-residential building at SLBSOMC&H Nerchowk Distt. Mandi (H.P.) (SH- Replacement & maintenance of damaged E.I. accessories in Medical College Block A & accessories of main ESS).	1,25,180	2250	350	One Month	C&D
35	RM of E.I. accessories of various non-residential building at SLBSOMC&H Nerchowk Distt. Mandi (H.P.) (SH- Replacement & maintenance of damaged accessories in Hospital ground, First floor & Inturn/RDH therein).	2,80,355	5610	350	Two Months	C&D

It is certified that the above tenders i.e. Sr. No. 1 to 35 is very Urgent Nature, so may be uploaded on department website in public interest.

Note:- The Contractors/Firms should possess the following documents (Photo copy to be attached).

1. The Contractor/Firm should be enlisted with the HP PWD, Electrical (Wing) Department having valid Electrical License & Registration/Renewal copy attached.
2. The tender forms will not be issued to those contractors whose performance is not found satisfactory.
3. The list of similar type of work executed and work done performance certificate issued by the concerned Executive Engineer required to be produced by the contractor along with application.
4. **Only two tenders shall be issued to each contractor.**
5. The contractor will not have more than two works in hand at the time of tender and only up to completion of work satisfactory including adherence to quality parameters further work will be awarded to him. All undertaking/affidavit along with application that he is not having more than two works in hand in HP PWD for execution failing which the application for issuing the tender forms shall not be accepted.
6. The contractor/firm shall be issued tenders on the production of valid GST/EPF/Income Tax clearance certificate/copy attached.
7. No contractor or his accredited agent shall be permitted to participate in the competition unless he holds a valid wiring license and have been duly registered in appropriate class in the HP PWD, Department (Electrical).
8. As per Govt. Notification No.PBW (B&C)11/2020-I dated 07.10.2021, in case the tendered amount of the lowest bidder comes more than 5% in 1st call the negotiation can be conducted with him but the negotiated amount should remain within 5% of the amount put to tender (on market rate) and tendered amount below 30% of the estimated cost will be summarily rejected.

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

No:-PW-Elect. MND-TA-MIT/2023:-

Copy forwarded to the following for information please.

1. The Engineer-in-Chief, HP PWD, Nirman Bhawan, Nigam Vihar Shimla-1.
2. The Deputy Commissioner, Mandi Distt. Mandi H.P.
3. The Chief Engineer (M2), HP PWD, Mandi.
4. The Superintending Engineer 1st Electrical Circle, HP PWD, Mandi H.P.
5. The Executive Engineer (IT) C/O Engineer-in-Chief, HP PWD, Shimla through email ecol-ecel-sta@hp.gov.in in 5 copies of schedule of quantities for uploading the same on HP PWD, web portal.
6. The Sub-Divisional Officer (C/O) Mandi Distt. Mandi H.P.
7. The Commissioner Municipal Corporation Mandi Distt. Mandi H.P.
8. All the Assistant Engineer (Electrical) under this Division.
9. All the Head of Branches in this office.
10. Notice Board.

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

Sub No. 1

2

DRAFT SCHEDULE OF QUANTITY

Name of work:- G/O Pre-lab/Pre Engineered Health Sub-Centre Building at Bula Diet Ward HP, with Light Gauge Steel Frame Structure (LGSF) Technology (SH- Prov. E.L. there in.)

Job No.					Estimated Cost :- Rs. 100813/- Only	Earliest Maturity :- Rs. 30500/- Only	Time :- Along with civil work
S. No.	Description	Qty.	In Figure	Rate 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 (HFRIL) and low smoke single core (flexible) copper conductor cable in surface/enclosed PVC conduit and earthing the light point with 1.5 Sq. mm. HFRIL-SPVC insulated single core copper conductor cable as required complete in all respect. as per entire satisfaction of Engineer-in-Charge Make: PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIRAH / GEMSCAB / CML						
ii	Group C	18 Nos	1205.00	Rupees One Thousand Two Hundred FiftyNine Only	Each	22962.00	
ii	Group A	16 Nos	661.00	Rupees Six Hundred EightyOne Only	Each	10596.00	
2	Supplying and fixing metal box of 150mmx100mmx60mm deep (nominal size) on surface/enclosed with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 5A socket outlet and 0.5 amps. plate type switch, connections, earthing etc. as required complete in all respect. as per entire satisfaction of Engineer-in-Charge Make : Anchor /SSK /Coral Cosmo.	12 Nos	304.00	Rupees Three Hundred Four Only	Each	3648.00	
3	Supplying and fixing metal box of 150mmx100mmx60mm deep (nominal size) on surface/enclosed with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 15/16 amps socket outlet and 15/16 amps. plate type switch, connections, earthing etc. as required complete in all respect. as per entire satisfaction of Engineer-in-Charge Make : Anchor /SSK /Coral Cosmo.	8 Nos	480.00	Rupees Four Hundred Eighty Only	Each	3840.00	
4	Supplying and fixing metal box of 200mmx150mmx75mm size with phenolic laminated sheet cover in recess including providing and fixing 3 Nos 5 pin 5A Amps plate type socket outlet, 3 Nos 5A Amps switch connections etc. as required as per entire satisfaction of Engineer-in-Charge Make : Anchor /SSK /Coral Cosmo /Computer Power/	2 Nos	545.00	Rupees Five Hundred FourFive Only	Each	1090.00	
5	Supplying and fixing Ding-Dong / Electronic musical bell suitable for D.C./A.C. single phase 230 volts complete as required complete in all respect Make SSK / Coral / Anchor/Passante.	1 Nos	279.00	Rupees Two Hundred SeventyNine Only	Each	279.00	
6	Providing & fixing LED battery of 20 Watt or to enhance the delight of occupants with comfortable experience through its classic design & glass free illumination of lesser make as per Cat no. LGS-2010X2000C complete with Connection/Earthing commissioning etc. as required complete in all respect Make: Bajaj/Siba/Legrand/Philips	12 Nos	808.00	Rupees Eight Hundred Eight Only	Each	9696.00	

7	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respect. Make : L&T / Legrand / Siemens.	14	Nos	281.00	Ruppes Two Hundred EightyOne Only	Each	281.00
8	Single pole C&A, 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 complete in all respect Make:Belje/Siba/Legrand/Philips	2	Nos	1320.00	Ruppes One Thousand Three Hundred Twenty Only	Each	2640.00
9	Double pole C&A, Supplying and erection of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with fixed copper bus-bar, wire-rod, neutral link, earth bar, din-bus, detachable gland plate, backing plate, cable, identification labels, interconnections, phosphatized and powder painted including earthing etc. as required complete in all respect Make:Belje/Siba/Legrand/Philips	2	Nos	2693.00	Ruppes Two Thousand Six Hundred Ninety Three Only	Each	5386.00
10	Double door-12 way Wiring for circuit / sub-main with following size PVC insulated heat resistant flame retardant (HTRF) and low smoke single core (flexible) copper conductor cable in surface/roccas PVC conduit along with 1 No HTRF/LSPVC insulated single core copper conductor cable of same size for earthing as required complete in all respect, as per entire satisfaction of Engineer. In- Charge Make:-PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIVANI / GEMSCAB / CML	60	Metre	210.00	Ruppes Two Hundred Ten Only	Per Metre	12600.00
i)	2x1.5 Sq.mmt	60	Metre	324.00	Ruppes Three Hundred TwentyFour Only	Per Metre	25920.00
ii)	2x4.0 Sq.mmt	4	Metre	449.00	Ruppes Four Hundred FourtyNine Only	Per Metre	1796.00
iii)	2x6.0 Sq. mmt	15	Metre	98.00	Ruppes NinetyEight Only	Per Metre	1470.00
11	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HTRF) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required complete in all respect. Make:- PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIVANI / GEMSCAB / CML	12	Nos	85.00	Ruppes EightyFive Only	Each	1020.00
12	3x1.5 Sq. mmt. Supplying and fixing bakelite busbar/angle holder including connections etc. as required complete in all respect. Make:- ANCHOR ICONA / SSK	12	Nos	186.00	Ruppes One Hundred TwentyFive Only	Each	2230.00
13	Providing & fixing LED Bulb 10Watt complete with connection wiring commissioning etc. as required complete in all respect. Make:- Wipro / Belje/Twinbale / Philips / Anchor Parsonic.	12	Nos				

1

14	Providing & fixing LED Bulk Head luminaires 10 watt energy efficient for upgrading conventional G.S Bulk Head luminaires to LED Bulk Head of 65 luminaires complete with Connection, testing commissioning as required complete in all respect as per entire satisfaction of the Engineer in-charge. Make : Wipro / Bajaj / Phillips / Kala.	2	Nil	1313.00	Rupees One Thousand Three Hundred Seventy Three Only	Each	2746.00
15	Providing, installation, testing and commissioning of ceiling fan with regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated steel cover on the fan box and wiring etc. as required complete as required complete in all respect as per entire satisfaction of Engineer- in- Charge. Make : Usha / Bajaj / Anchor Parasitic.	6	Nil	2080.00	Rupees Two Thousand Five Hundred Eighty Only	Each	15480.00
16	Ceiling Fan 1200 mm sweep, Category-A. Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge. Make : Usha / Bajaj / Anchor Parasitic.	4	Nil	2100	Rupees Two Thousand One Hundred Eighty Eight Only	Each	8752.00
17	Exhaust Fan, Light duty, (Domestic) 300mm sweep Earthing with G.I earth pipe 4.5 mtr long and 40mm dia, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required complete in all respect as per entire satisfaction of Engineer- in- Charge	2	Set	\$126.00	Rupees Five Thousand One Hundred Twenty Six Only	Per Set	10252.00
18	Extra for using salt and charcoal for pipe earth electrode complete as required complete in all respect as per entire satisfaction of Engineer- in- Charge	2	Set	1403.00	Rupees One Thousand Four Hundred Ninety Three Only	Per Set	2986.00
19	Supplying and laying 6 SWG G.I wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required complete in all respect as per entire satisfaction of Engineer- in- Charge	30	Metre	46.00	Rupees Fourty Six Only	Per Metre	1380.00
Total							159813.00

Draft schedule of quantity checked and approved for
 21.50.8131- only
 Executive Engineer,
 Electrical Division,
 HP PWD, Mandi (HP)

Job No. 2

Job- 2

Estimated cost: Rs. 243159/- only
Earnest Money: Rs. 4900/-
Time:- Along with civil work

Draft Schedule of quantity

Name Of Work :- C/O Additional Accommodation at HPPWD Rest House at Mandap Teh. Dharanpur Distt Mandi (SH. Providing A.C. 1.5 Tone there in)

Sr No.	Description	Qty.	Rate	Rate in words	Unit	Amount
1.00	Supplying and fixing of Air Conditioner 1.5 tone capacity split type Hvt and Cvd including voltage stabilizer & KVA 230 volts AC supply and stand for outdoor AC unit complete with installation connection etc. as required Make :- Lloyd/Samsung/ Voltas/ Carrier / FB or equivalent make	3 Nos	81053.00 (Rupees Eighty One Thousand Fifty Three Only)		Each	243159.00
	Total					243159.00

Draft Schedule of Quantity checked and approved for Rs. 243159/- only.

Director
District Engineer
HPPWD Mandi (SH. Teh.)

D

Job No. 3

5

Draft Schedule of quantity

Draft Schedule of quantity						
Name of work - C/O Ayurvedic Health Center Building at Durg, Jharkh Distt, Mandi (H.P.) SH. Prov. E.I. Parting						
S. No.	Description	Qty.	Rate	rate in words	Unit	Amount
1	Working for light post / bar post / cement bar / cast ball post with 1.5 Sq. mtr. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/underground PVC conduit and starting the light post with 1.5 Sq. mtr. HFR/LS/PVC insulated single core copper conductor cable as required MAKE:- PHOEX/PLAZAMUNITECHENTONKOD	31	1250.00	one thousand two hundred fifty only	Each	64375.00
2	Working for ground wire with PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/underground PVC conduit along with 1 No. 1.5 Sq. mtr. HFR/LS/PVC insulated single core copper conductor cable for starting as required MAKE:- PHOEX/PLAZAMUNITECHENTONKOD	75	210.00	two hundred ten	P/Mtr	15750.00
3	2x1.5 Sq. mtr	75	324.00	three hundred	P/Mtr	24300.00
4	2x6.0 Sq. mtr	10	440.00	four hundred forty	P/Mtr	4400.00
5	Working and drawing following size of PVC insulated, flame retardant, flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in working surface / underground. Steel/PVC conduit as required.	30	94.00	ninety-four	P/Mtr	2820.00
6	2x1.5 Sq. mtr	15	351.00	five hundred fifty one	P/Mtr	5265.00
7	Working for power (high) with and 5g. mtr. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/underground PVC conduit along with 2 No. 4 Sq. mtr. HFR/LS/PVC insulated single core copper conductor cable for starting as required.	5	1095.00	one thousand ninety-five	P/Mtr	5475.00
8	Working for circuit (sub-main) with 6x10 Sq. mtr. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/underground PVC conduit along with 2 No. 6 Sq. mtr. HFR/LS/PVC insulated single core copper conductor cable for starting as required.	3	304.00	three hundred four	P/Mtr	912.00
9	Supplying and fixing metal box of 180mmx100mmx20mm depth (normal size) or surface/underground with suitable size of electric laminated sheet cover in the front including grounding and 5mm 5 pin 56 earth rod cable and 50 earth plate (type) type switch connection, standing etc. as required MAKE :- LEOBRAND	1	304.00	three hundred four	P/Mtr	912.00

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15	Supplying & fixing surface mounted mounting LED gas lighting with high output LED 5, and gas two gas 12 with existing connection etc. as reqd / connection as reqd as per safety instructions of equipment / design Make Twinkl / Great White / Opus / Bala / Great White / Philips etc.	10	M06	2560	Two thousand five hundred forty	Each	23955.00
16	Fix & hang LED surface mounted 5x5 20 watt square panel with aluminium fix and housing of superior quality complete with connection, commencing as reqd complete in all respect Make Twinkl / Great White / Opus / Bala / Great White / Philips etc.	5	M06	3887	Three thousand eight hundred eighty seven	Each	19435.00
17	Fix & hang LED surface mounted 2x2 36 watt square panel with aluminium fix and housing of superior quality complete with connection, commencing as reqd complete in all respect Make Twinkl / Great White / Opus / Bala / Great White / Philips etc.	1	Sec	5126.00	Five thousand one hundred twenty six	Each	5126.00
18	Earthing with G.I earth pipe 4.5 mtr long and upon the including accessories and providing masonry encasement with cover plate having locking arrangement and warning plate etc. (but without channel or cable and wall) complete as required.	1	Sec	1483.00	one thousand four hundred eighty three	Each	1483.00
19	Earth for using wall and channel for pipe with electrode complete as required.	1	Sec	1483.00	one thousand four hundred eighty three	Each	1483.00
20	Supplying and laying & 300x5 G.I wire at 1 by 100 mtr below ground level for each structural conductor including saddling etc as required.	25	M06	45.00	forty five	Each	1125.00
21	Providing and installation of temporary storage type Electric water heater (boiler) of capacity 1000 litres by means of Expansion-beds with nuts and washers, including venting of expansion-beds in the wall, providing and hanging of Expansion valve. Great white safety valve, 2 No C.P. connector rods 1/2" long, making good the damages, electrical connections, safety valve connections, testing and commissioning etc. as required Make Bala / Balcab / Compton						
	10 Liter capacity water heater (C.P.A.)	2	M06	10128.00	ten thousand one hundred twenty eight	Each	20256.00
22	Fix LED 36 Watt street light made up of pressure cast aluminium housing and mounted with tapered glass 100 contacts with connection testing etc. as reqd. As reqd complete in all respect Make - Mays, Jansons, Bala, Philips etc.	3	M06	2361	two thousand three hundred sixty one	Each	4722.00
23	Supplying and erection of street light fixture made of G.I pipe 1/2" class of superior weight and dia. the pipe tapered to give an angle of 150 to 170 degree then with bolt & nuts at the top of existing pole or wall including painting the pipe with two coats of approved paint over priming coat complete in all respects as required.	2	M06	720.00	seven hundred twenty	Each	1440.00
40	min dia of pipe						

24	Manufacturing and installation of bearing steel base with special strength of machine foundation with dimensions 5 cm maximum plate from 1.5 mm thick A1.2, open 340% thickened in a rectangular manner by making of laser base units, by setting main component on the whole & front side target components with cooling arrangement with radiator fan, vertical and horizontal reinforcement longitudinal bearing components. This includes pedestal steel frame cable entry box at one or two sides, with spray powder coated tapered part and bonding to the bearing seat etc. The same steel will be welded in the 1-2-4 current composite plate form of suitable dimension, 15 cm high from ground level and 40 cm thick. The actual pedestal shall be 15 cm from the top of current machine platform. • EDD modification • 500mm deep (internal) reducing block plate • 0.3 Mpa • NC/CS 92 sample 1 • Moss Selector switch • 240s Digital Ammeter • 14s, Digital Volt Meter • 5s, CT Coil • 3 Mpa and internal control wiring etc. as required complete in all aspects.	1	100	15.50	Bearing frame • Transformer • Switchgear • Switchgear	per job	20,000.00
				1.0000			20,000.00

Dr. J. L. Schaefer
Director, Division
of Fisheries
Marine Fisheries
Department

Job. 4

Job: 4									
DATE: 20/03/2014 (1st Quarter)									
NAME OF WORK: City Chic Building at Jagera Trust March 1st - 31st - Balance work of E1 and Year light time in.)									
Sr. No.	Qty	Rate	Unit	Amount					
1.00	1	6132.00	Each	6132.00					
2.00	2	3887.00	Each	7774.00					
3.00	3	2707.00	Each	8121.00					
4.00	2	13721.00	Each	27442.00					
5.00	4	4447.50	Each	17790.00					
6.00	6	8448.00	Each	50688.00					
7.00	6	13091.00	Each	78546.00					

1.00 Providing and fixing Downlight 12 Watt with Aluminium housing complete with all accessories, connection leading, connecting etc. as required complete in all respect as per order satisfaction of the Engineer in charge. Make: Mynor / Bajaj / Philips / Jaquar / (Twinbell) Lux Max.

2.00 Providing and fixing 36 Watt Surface mounted LED Panel made from extruded aluminium housing Surface 270° complete with all accessories, connection leading, connecting etc. as required complete in all respect as per order satisfaction of the Engineer in charge. Make: Mynor / Bajaj / Philips / Jaquar / (Twinbell) Lux Max.

3.00 Supplying and fixing of 1000 Watt instant Ring range lamp with Crystal glass with Nickel finishing wall lamp, holder cap E27, complete with all accessories, connections, testing etc. as required complete in all respect. Make: - WHITING Philips Bajaj Jaquar

4.00 Providing and installation of stationary storage type Electric water heater (Jagera) of various sizes by means of expansion-beds with nuts and washers, including embedding of expansion-beds in the wall, providing and fixing of thermostat valve, Lead weight safety valve, 2 No. C.P. connection rods 1/2" long, making good the damage, electrical connections, safety valve connections, testing and connecting etc. as required complete in all respect. 1/2 35 Liter capacity water heater (Jagera) Make: - Bajaj, Latta, Greenpool Others

5.00 Supplying and fixing 35 Watt LED Flood light with the coat Aluminium housing with semi complete with all accessories, connection leading, connecting etc. as required complete in all respect as per order satisfaction of the Engineer in charge. Make: Mynor / Bajaj / Philips / Jaquar / (Twinbell) Lux Max.

6.00 Supplying and fixing 35 Watt LED Flood light made of the coat Aluminium frame and semi complete with all accessories, connection leading, connecting etc. as required complete in all respect as per order satisfaction of the Engineer in charge. Make: Mynor / Bajaj / Philips / Jaquar / (Twinbell) Lux Max.

7.00 Supplying and erection of Galvanized iron (G.I.) pipe post 'N' quality of suitable length and dia. 4.00 mm thickness, including fixing up to a given depth below G.L. The hole of connection about 30 cm dia. and given depth to be filled in up to 15 cm below G.L. with 1:2.4 cement concrete and then above plinth with 1:2.4 cement concrete up to a height of 45 cm from G.L. The initial thickness of the plate above G.L. should not be less than 5.25 cm and sufficient to completely span a 180 mm x 100 mm 45 mm dia. glass fibre Nylon / R. grade box for housing a 1/2 Amp. MCB. The outer surface of the plate to be finished with 1:2.4 cement plaster 6 mm thick. The Junction shall have a water tight cover, including painting of paint with two coats of approved color. Paint and maintenance of paint cover a painting coat complete in all respects as required complete in all respect as per order satisfaction of the Engineer in charge.

8. Water ring having nominal bore dia. 80 mm painting depth 120 cm with pt depth 120 cm.

8.00	Supplying and fixing LED Street Light 25 Watt LED made up of pressure die cast aluminum housing with high power LED as lighting source and lens encased PC Glass having TOP OPTICNS separate driver compartment with IP 65 protection and impact resistance of 36.07 lumens complete with connection having commissioning etc. as required complete in all respect. Make: Wipro / Bhal / Philips / Jaquar.	3	Two	2295.00	Thirteen Two Thousand Two Hundred ThirtyFive Only	Each	6105.00
9.00	Supplying and fixing earth plate 600 mmx600 mm 3 mm thick, including accessories and spreading railway enclosure with cover plate having locking arrangement and warning pipe etc. (but without drainage or cable and soil) complete as required complete in all respect.	2	Set	16274.00	Thirteen Sixteen Thousand Three Hundred SeventyFour Only	Per Set	32548.00
10.00	Supplying and fixing earth plate 600 mmx600 mm 3 mm thick, including accessories and spreading railway enclosure with cover plate having locking arrangement and warning pipe etc. (but without drainage or cable and soil) complete as required complete in all respect.	2	Set	2169.00	Thirteen Two Thousand One Hundred SixtyNine Only	Per Set	4338.00
11.00	Supplying and laying 8 SWG Copper wire as 0.50 mtr. below ground level for earth electrode conductor, including bolting etc. as required complete in all respect.	40	Mtrm	161.00	Thirteen Forty Hundred SixtyOne Only	Per Mtrm	6440.00
12.00	Providing and fixing of lightning conductor fixed, made of 20 mm dia 300 mm long copper tube, having single prong at top, with 50 mm dia 3 mm thick copper base plate including holes etc. complete as required complete in all respect.	2	Pcs	882.00	Thirteen Eight Hundred EightyTwo Only	Each	1764.00
13.00	Supplying and fixing copper tape 20mmx20mm thick on parapet or surface of wall for lightning conductor as required complete in all respect. (for horizontal run)	40	Mtrm	546.00	Thirteen Eight Hundred FortySix Only	Per Mtrm	21840.00
14.00	Supplying and fixing copper tape 20mmx20mm thick on parapet or surface of wall for lightning conductor as required complete in all respect. (for vertical run)	30	Mtrm	646.00	Thirteen Eight Hundred FortySix Only	Per Mtrm	19380.00
15.00	Supplying and fixing of following way, single pole and neutral short span MCB distribution board, 240 volts, on surface / inside, complete with steel copper bus bar, with bus, main link, earth bar, dis-conn, detachable ground plate, bartering plate, colour, identification labels, interconnections, pre-wired and powder painted, including earthing etc. as required complete in all respect. Make: L&T / Legrand / SIEMENS.	1	No.	1788.00	Thirteen One Thousand Seven Hundred EightyEight Only	Each	1788.00
16.01	Double Door 4 Way	1	No.	1788.00	Thirteen One Thousand Seven Hundred EightyEight Only	Each	1788.00
16.02	Double Door 4 Way	1	No.	2158.00	Thirteen Two Thousand One Hundred FiftyEight Only	Each	2158.00
16.03	Supplying and erection of 6 angles to 25 angles, 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 complete in all respect. (1 Single pole, C&A, Make: L&T / Legrand / SIEMENS.	8	No.	281.00	Thirteen Two Hundred EightyOne Only	Each	2248.00
17.00	Supplying and erection of 40/60A3 angles, 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 complete in all respect. (1 Double pole, C&A, Make: L&T / Legrand / SIEMENS.	1	No.	1520.00	Thirteen One Thousand Three Hundred Twenty Only	Each	1520.00
18.00	Supplying and fixing following casting, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required complete in all respect. (1 63 Amps, C&A, Make: L&T / Legrand / SIEMENS.	1	No.	2631.00	Thirteen Three Thousand Nine Hundred ThirtyOne Only	Each	2631.00

18.00	Providing and laying of one No. aluminum conductor, PVC insulated and PVC sheathed, enrobed, 1100 volt cable, working voltage 1100 volts grade fixed in ground, to be laid 1 meter below the ground level including excavation and caulking, protective covering and refilling the trench etc. of the required size complete in all respect. Cable Make : CCI Universal Fibres / Polycab / Rustcon / Grindlay / MEL							
18.01	Armoured cable 4 sq. mm (2w core)	100	Meters	257.50	Polyester Two Hundred Fifty Seven Only	Per Meter	25750.00	
18.02	Armoured cable 6 sq. mm (2w core)	110	Meters	278.00	Polyester Two Hundred Seventy Eight Only	Per Meter	30580.00	
18.03	Armoured cable 10 sq. mm (2w core)	25	Meters	308.00	Polyester Three Hundred Eight Only	Per Meter	7700.00	
Total							362241.00	

Draft schedule of quantity
 Checked and approved for
 23/2/2011 - only
 Executive Engineer,
 Electrical Division
 MPPCL Ward (PPT)

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[illegible]

Office: Hertsbrook Court, Meridale, PA

Office: Hertsbrook Court, Meriden, CT 06450-1000
 Phone: 203/261-1100
 Fax: 203/261-1101
 E-mail: info@hertsbrook.com
 Website: www.hertsbrook.com

S.No	Description	Qty	in figure	Rate	Unit	Amount
				in Rupees		
1	Wiring for light point / fan point / external fan / cold trail point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in PVC casing & capping and starting the light point with 1.5 Sq. mm. HFR SL PVC insulated single core copper conductor cable as required complete in all respect. PLAZA / UNITECH / BIONTON / NEI / BRYAN / GENSCAB / CMI Cable make.	22 Nos	1018.00	Rupees One Thousand Seventy Eight Only	Each	22376.00
2	Wiring for light point / fan point / external fan / cold trail point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in PVC casing & capping and starting the light point with 1.5 Sq. mm. HFR SL PVC insulated single core copper conductor cable as required complete in all respect. PLAZA / UNITECH / BIONTON / NEI / BRYAN / GENSCAB / CMI Cable make.	35 Meters	164.00	Rupees One Hundred Sixty Four Only	Per Meter	5740.00
3	Wiring for power plug with 4sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in PVC casing & capping along with 2 low smoke single core (flexible) copper conductor cable for starting all required complete in all respect. PLAZA / UNITECH / BIONTON / NEI / BRYAN / GENSCAB / CMI Cable make.	25 Meters	452.00	Rupees Four Hundred Fifty Two Only	Per Meter	11300.00
4	Supplying and drawing knowledge rate of PVC insulated, heat resistant, flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in working surface / noose, Sheath PVC insulated as required complete in all respect Make: PLAZA / PNOEX / UNITECH / BIONTON / NEI / BRYAN / GENSCAB / CMI	30 Meters	80.00	Rupees Twenty Only	Per Meter	2400.00
5	Supplying and laying of Cat-6 cable of approved make as required complete in all respect and as directed by the Engineer in Charge	300 Meters	60.00	Rupees Eighty Nine Only	Per Meter	25750.00
6	Supplying and laying of 12 Modular box of (Admire/Sumodry) size with modular plate and cover in house including providing and doing 5 pin 5sq. mm. module socket outlet and 5sq. mm. module switch, connection etc. as required complete in all respect as per written instruction of Engineer in Charge. Make : Legrand (Wynn) / L&T (Eaton) / Anchor (SPK) / ABB (Panther Class).	3 Nos	428.00	Rupees Four Hundred Twenty Nine Only	Each	1284.00

7	Supplying and fixing G.I. Machine box of 140mm/100mm/100mm size with modular plate and cover in rooms including providing and fixing 6 pin 15A/16 amps modular socket outlet and 15A/16 amps modular switch, connections etc. as required complete in all respect. Make : ESSES/SCAV ICOSMO / Engineer. In Charge. Make : Legrand (Mylu) / L&T (Entico) / Anchor /SBR / ABB (Jember) /Crest.	3	Mts	534.00	Supplies Five Hundred Eighty Four Only	Each	17152.00
8	Drapping and fixing following rating Plastic-type switch module on the existing switch box / cover including connections etc. as required complete in all respect. Make : ESSES/SCAV ICOSMO / Anchor.	8	Mts	34.00	Supplies Twenty Four Only	Each	272.00
9	5/8 Amps one way switch, piano type	8	Mts	50.00	Supplies Forty Only	Each	400.00
10	5/6 Amps socket outlet, porcelain base piano type.	7	Mts	113.00	Supplies One Hundred Thirteen Only	Each	791.00
11	15A/16 Amps one way switch, piano type	7	Mts	114.00	Supplies One Hundred Fourteen Only	Each	798.00
12	15A/16 Amps socket outlet, porcelain base piano type	5	Mts	93.00	Supplies Forty Five Only	Each	465.00
13	Telephone socket outlet	2	Mts	60.00	Supplies Twenty Only	Each	120.00
14	Supplying and fixing following below type rubber including connections etc. as required complete in all respect. Make ANCHOR /ICOMA / SBR.	7	Mts	258.00	Supplies Two Hundred Fifty Eight Only	Each	1806.00
15	Supplying and erection of 8.5 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 complete in all respect. Make : L&T / Legrand / Siemens / Anchor.	1	Mts	1156.00	Supplies One Thousand Two Hundred Twenty Six Only	Each	1296.00
16	Single pole C&A	4	Mts	374.00	Supplies Three Hundred Seventy Four Only	Each	1496.00
17	Double pole 20 C&A	4	Mts	2468.00	Supplies Two Thousand Four Hundred Eighty Four Only	Each	9872.00
18	Coating bar 1200 mm sweep (Capacity 4)	2	Mts	2098.00	Supplies Two Thousand Fifty Eight Only	Each	14552.00

15	Supplying and fixing Ring Dong / Electronic musical bell suitable for D.C.A.C. length please 250 units complete as required complete in all respect as per entire satisfaction of Engineer in Charge. Make: ANCHOR, COMA, ESS ESS KAY.	3	Yes	253.50	Response Two Hundred Fifty Three Only	Each	759.00
16	Supplying and fixing of heavy wall bracket carrying fixed type LED lamp holder (6) of all sizes and shapes, complete with all accessories but excluding C.R.L. lamp including making connections, testing etc. as required complete in all respect as per entire satisfaction of Engineer in Charge. Make: Wipro / Bajaj / Philips / Jaquar / (Twinkle) Luminaires.	1	No	253.00	Response Two Hundred Fifty Three Only	Each	253.00
17	Providing and fixing Glass LED 20 watt Bulbs High quality design aluminium extruded with decoration and disc. complete with Connection testing commissioning as required complete in all respect as per entire satisfaction of the Engineer in Charge. Make: Wipro / Bajaj / Philips / Jaquar / (Twinkle) Lux Max.	9	Yes	544.00	Response Five Hundred Fourty Four Only	Each	4896.00
18	Providing and fixing LED 20 watt Street Light with lens made up of pressure die cast aluminium housing and enclosed with toughened glass and luminous complete with connection, testing commissioning etc. as required in all respect complete in all respect as per entire satisfaction of Engineer in Charge. Make: Wipro / Twinkle / Bajaj / Led Lux.	1	No	2502.00	Response Two Thousand Five Hundred Eighty Two Only	Each	2502.00
19	Providing and installation of VMC (Shrouded fan of 400mm diam) Units with heavy duty motor all low voltage heavy and made with iron base greater stability power coated paint in metallic finish protect the fan from corrosion. including connections, testing and commissioning etc. as required complete in all respect. Make: Delta / Bajaj / Anchor Panasonic.	2	Yes	2815.00	Response Two Thousand Eight Hundred Fifteen Only	Each	5630.00
20	Supplying and fixing (5) modular box of (200 mm x 150 mm x 50 mm) also with modular plate and cover in metal including providing and fixing 3 Nos 5 pin 5A/ Amps modular socket outlet, 3 Nos 5A/ Amps modular switch, as required etc. as required complete in all respect. Make: Legrand / (Meyra) / LBT (Entice) / Anchor (BSM / ABB (Bentley Class) / Computer Point)	4	Yes	981.00	Response Nine Hundred Eighty One Only	Each	3924.00
21	Supplying and fixing (1) RJ single for cat 6 cable to connection etc. as reqd. complete in all respect. As per entire satisfaction of engineer in charge	4	Yes	546.00	Response Five Hundred Forty Six Only	Each	2184.00
22	Providing and fixing (10) Box. as required complete in all respect.	4	Yes	425.00	Response Four Hundred Twenty Five Only	Each	1700.00
23	Supplying and fixing (5) Rack as reqd complete in all respect.	2	Yes	9000.00	Response Nine Thousand Only	Each	18000.00
Total							54609.00

*Draft Schedule of Quantity checked and approved
for RS. 16,689/- only.*

Executive Engineer,
Electrical Division,
HPP/RO Band.

Job No. 6

Job - 6						Estimated Cost: Rs. 1,21,086/- only
						Earnest Money: Rs. 3450/- only
						Time : One Month
Draft Schedule of Quantity						
Name of work - Rewiring of JE Quarter at Tindi Tehsil Udaipur Dist. L&S						
Sr.No	Description	Qty	Rate	Rate in Words	Unit	Amount
1.00	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit and earthing the light point with 1.5 Sq.mm. HFR/LS/PVC insulated single core copper conductor cable as required. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX (Group A)	19 Nos.	820	eight hundred twenty		
2.00	Supplying and fixing metal box of 100mmx100mmx60mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 5/6 amps socket outlet and 5/6 amps, piano type switch, connections, painting etc. as required. Make : Anchor, Cona, SSK	9 Nos.	304	three hundred four	Each	15580
3.00	Supplying and fixing metal box of 180mmx100mmx60mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 15/16 amps socket outlet and 15/16 amps, piano type switch, connections, painting etc. as required. Make : Anchor, Cona, SSK	7 Nos.	480	four hundred eighty	Each	2736
4.00	Supplying and fixing following rating Modular-type switch /socket on the existing switch box / cover including connections etc. as required				Each	3360
I	TV socket	1 Nos.	122	one hundred twenty-two	Each	122
II	bell push	1 Nos.	148	one hundred forty-eight	Each	148
5.00	Supplying and fixing bakelite battery/angle holder including connections etc. as required -	8 Nos.	85	eighty-five	Each	680

6.00	Supplying & fixing LED TUBE 40W Aluminium BATTEN, complete with all accessories, connectors, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Bajaj, crompton, anchor Panasonic, Clair	3	Nos.	2805	two thousand eight hundred five	Each	8415
10.00	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required. - Ex. Fan (LD) 300mm sweep	2	Nos.	2188	two thousand one hundred eighty-eight	Each	4376
11.00	Supplying & fixing 25 Watt LED Street light in aluminium pressure die cast housing with toughened glass cover (IP65 rating) complete with all accessories, connectors, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	2	Nos.	2235	two thousand two hundred thirty-five	Each	4470
12.00	Supplying and erection of street light bracket made of G.I. pipe 'A' class of suitable length and dia. the pipe bent to give an angle of 100 to 110 degree fitted with bolt & nuts at the top of existing pole or wall including painting the pipe with two coats of approved paint over priming coat complete in all respects as required. - 32 mm dia	2	Nos.	567	five hundred sixty-seven	Each	1134
13.00	Earthing with copper earth plate 600 mmx600 mmx 3 mm thick, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required.	1	Nos.	16974	sixteen thousand nine hundred seventy-four	Each	16974
14.00	Extra for using salt and charcoal for G.I. or copper plate earth electrode complete as required.	1	Nos.	2169	two thousand one hundred sixty-nine	Each	2169
15.00	Supplying and laying 8 SWG Copper wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required.	15	metre	167	one hundred sixty-seven	Each	2505

16.00	Supplying and erection of 6 amps. to 32 amps. rating 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respects per entire satisfaction of the Engineer in charge Make : L&T / Legrand / Siemens.	11	Nos.	281	two hundred eighty-one	Each	3091
17.00	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 / Siemens.	1	Nos.	1320	one thousand three hundred twenty	Each	1320
18.00	Double pole, Cat-A.	1	Nos.	3907	three thousand nine hundred seven	Each	3907
19.00	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required 63 amps cat-A.	1	Nos.	3224	three thousand two hundred twenty-four	Each	3224
20.00	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus-bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required - 16 way					Each	3224
	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 1 No. HRFRLS/PVC insulated single core copper conductor cable of same size for earthing as required complete in all respects per entire satisfaction of the Engineer in charge Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	50	Metre	218	two hundred eighteen	Plat	10900

ii	2x4.0 Sq. mm.	0.5	Metre	324	three hundred twenty four	P/Mtr	21060
iii	2x6 Sq. mm.	4	Metre	556	five hundred fifty-six	P/Mtr	2224
21.00	Wiring for circuit / sub-main with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in surface/recessed pvc conduit along with 2 No 4 Sq. mm. (4X4+2X4)-HRRF/SLPVC insulated single core copper conductor cable for earthing as required complete in all respects as per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	20	Metre	580	five hundred eighty		
22.00	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required	10	metre	98	nearly-eight	P/Mtr	11600
	3X1.5 Sqmm					P/Mtr	980
25.00	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase 230 volts complete as required.	1	Nos.	279	two hundred seventy-nine	Each	279
26.00	S/F LED bulb 9 watt in existing holder as required complete in all respect.	8	Nos.	179	one hundred seventy-nine	Each	1432
						TOTAL	122686
						TOTAL	1000
						TOTAL	121686

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Draft Schedule of Quantity checked and approved for Rs 121686/- only.

Executive Engineer
Electrical Division
HPPGD Mandi

Adb No. 7

Job No. 7				Estimated Cost: Rs. 1,91,784/- only
				Earned Money: Rs. 3850/- only
				Time > One Month

Draft Schedule of Quantity

Name of work:- Rewiring of HPPWD rest house at Tindi Tehsil Udaipur Distt. L&S

Sr.No	Description	Qty	Rate	Rate in words	Unit	Amount	
1.00	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit and earthing the light point with 1.5 Sq.mm. HRRF/SPVC insulated single core copper conductor cable as required. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIRANI / GEMSCAB / CMI / FENOLIX. Group C	29	Nos.	1123	one thousand one hundred twenty three	Each	32567
2.00	Supplying and fixing metal box of 100mmx100mmx50mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 5/6 amps socket outlet and 5/6 amps, piano type switch, connections, painting etc. as required Make :Anchor, Cona, SSK	15	Nos.	304	three hundred four	Each	4560
3.00	Supplying and fixing following rating Modular-type switch /socket on the existing switch box / cover including connections etc. as required	8	Nos.	480	four hundred eighty	Each	3840
4.00							
1	TV socket	2	Nos.	122	one hundred twenty-two	Each	244
2	bell push	2	Nos.	148	one hundred forty-eight	Each	296
5.00	Supplying and fixing bakelite batten/angle holder including connections etc. as required -	5	Nos.	85	eighty-five	Each	425

6.00	Supplying & fixing LED TUBE 40W/Aluminium BATTEN, complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	7	Nos.	2805	two thousand eight hundred five	Each	19635
7.00	Supplying & fixing 36 Watt Surface mounted LED panel made from extruded aluminium housing(surface) 2ft x2ft complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge Make :JC&S/Crompton/bajaj	2	Nos.	3687	three thousand eight hundred eighty-seven	Each	7774
8.00	Supplying & fixing 24 Watt Ultra slim LED panel made from extruded aluminium housing frame Surface/recess/pendant)1ft x1ft approx complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Make : Anchor, Cora, SSX	4	Nos.	2360	two thousand three hundred sixty	Each	9440
9.00	Supplying & fixing DOWN LIGHT 12W light with aluminium housing complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge	3	Nos.	1022	one thousand twenty-two	Each	3066
10.00	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required -	3	Nos.	2188	two thousand one hundred eighty-eight	Each	6564
	Ex. Fan (LD) 300mm sweep						
	Supplying & fixing 25 Watt LED Street light in aluminium pressure die cast housing with toughened glass cover (IP66 rating) complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	2	Nos.	2235	two thousand two hundred thirty-five	Each	4470
11.00	Supplying and erection of street light bracket made of G.I. pipe 'A' class of suitable length and dia. the pipe bent to give an angle of 100 to 110 degree fitted with bolt & nuts at the top of existing pole or wall including painting the pipe with two coats of approved paint over priming coat complete in all respects as required -	2	Nos.	567	five hundred sixty-seven	Each	1134

(7)

	32 mm dia					
	Earthing with copper earth plate 600 mmx600 mmx 3 mm thick, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required.	1	Nos.	16974	sixteen thousand nine hundred seventy-four	Each 16974
13.00	Extra for using salt and charcoal for G.I. or copper plate earth electrode complete as required.	1	Nos.	2169	two thousand one hundred sixty-nine	Each 2169
14.00	Supplying and laying 8 SWG Copper wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required.	15	metre	187	one hundred sixty-seven	Each 2505
15.00	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA, breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respects as per entire satisfaction of the Engineer in charge. Make : L&T / Legrand / Siemens.	13	Nos.	281	two hundred eighty-one	Each 3653
16.00	SP Cat-A					
	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 / Siemens.	1	Nos.	1320	one thousand three hundred twenty	Each 1320
17.00	Double pole, Cat-A					
	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.	1	Nos.	3907	three thousand nine hundred seven	each 3907
18.00	63 amps cat-A					
	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus-bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required.-	1	Nos.	3224	three thousand two hundred twenty-four	Each 3224

	16 way						
20.00	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 casing capping along with 1 No. HRFR/LS/PVC insulated single core copper conductor cable of same size for earthing as required complete in all respects per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.						
I	2x1.5 Sq. mm.	55	Metre	218	two hundred eighteen	Per Metre	11990
II	2x4.0 Sq. mm.	70	Metre	324	three hundred twenty-four	Per Metre	22690
III	2x6 Sq. mm.	4	Metre	556	five hundred fifty-six	Per Metre	2224
	Wiring for circuit / sub-main with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC casing capping along with 2 No. 4 Sq. mm. (4X4+2X4)HRFR/LS/PVC insulated single core copper conductor cable for earthing as required complete in all respects per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	25	Metre	580	five hundred eighty	Per Metre	14500
21.00	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed.	20	metre	98	ninety-eight	Per Metre	1960
22.00	Steel/PVC conduit as required.						
	3X1.5 Sq. mm.						
23.00	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required.	1	Nos.	279	two hundred seventy-nine	Each	279
24.00	S/F LED bulb 9 watt in existing holder as required complete in all respect	5	Nos.	179	one hundred seventy-nine	each	895

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25.00	Supplying & fixing wall bracket fitting single lamp with Opal glass with Nickel finishing Vitall Lamp, holder cap E27 complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	4	Nos.	2207	two thousand two hundred seven	Each	8828
26.00	Supplying & fixing LED mirror light complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge	2	Nos.	830	eight hundred thirty	Each	1660
TOTAL							192783
less dismental credit (-)							1000
TOTAL							191783

Draft Schedule of Quantity checked and approved for Rs. 191783 only.

Executive Engineer
Electrical Division
HPPWD Mandi

Job No. 8

Estimated Cost - Rs. 310860/-only.
 Earnest Money :- Rs. 6250/-only.
 Time :- Two Months.

Draft Schedule of quantity

Name of Work :- Providing LAN connectivity and Networking between Court No. 2 & session court at Sarkaghat in Distt. Mandi

S.N.	Description	Qty.	Rate in figure	Rate in words	Unit	Amount
1	Supply and erection of LAN (Data cabling and computer networking) SE of SMD Box with information outlets and Face Plate RJ-45 F connection to terminate the individual Cat - 6 cable from data switch to respective data node of the network and connect the node the server by making cat-6 cable back bone complete in all respect. Make - Dlink / Schneider / Panduit.	20	478.00	Rupees Four Hundred SeventyEight Only	Each	9560.00
2	Supply and erection of Patch Panel with straight frame complete in all respect. Make- Panduit, Schneider, R&M	2	6500.00	Rupees Six Thousand Five Hundred Only	Each	13000.00
3	Supply and erection of 1 meter long patch cord Low Smoke Zero Halogen factory crimped comprising of make RJ-45 connectors on both end complete as required complete in all respect. Make- Panduit, Schneider, R&M	20	160.00	Rupees One Hundred Sixty Only	Each	3200.00
4	Supply and erection of 2 meter long patch cord Low Smoke Zero Halogen factory crimped comprising of make RJ-45 connectors on both end as required complete in all respect. Make- Panduit, Schneider, R&M	20	245.00	Rupees Two Hundred FortyFive Only	Each	4900.00
5	Supply and erection of Cat-6 UTP cable PVC conduits including of tracing, numbering and termination on data switch and UOs on other end complete in all respect. Make- Dlink/Schneider/R&M.	400	58.00	Rupees FiftyEight Only	Per Metre	23200.00
6	Supply and erection of 8 U wall mount rack, Tinted Toughened Glass Door, with Fan and Power Distribution Unit as required complete in all respect. Make- APW/ Comcraft/ Dlink	2	8400.00	Rupees Eight Thousand Four Hundred Only	Each	16800.00
7	Supply and Erection of Web Managed SWITCH 10/100/1000 mbps 24 ports and 2 SFP ports complete in all respect. Make- (Juniper/Cisco/Zyxel)	2	49500.00	Rupees FortyNine Thousand Five Hundred Only	Each	99000.00
8	Supply and installation of 1" PVC Medium Conduit with cutting and reacing of the wall along with all the accessories including saddle and bends etc as as required complete in all respect. Make- Dipplast/ Cannon/ Finolex	300	48.00	Rupees FourtyEight Only	Each	14400.00

9	Supplying installation testing and commissioning of OFC Armoured, loose tube, Gel filled, rodent resistant, direct burial type. Consisting of 6 core fibres of nominal diameter 8.8 micro meter to 9.8 micro meter and nominal cladding diameter 125 micro meter $\pm$ 1, Attenuation: 1310 nm, 0.4 db/km & at 1550 nm - 0.30 db/km; Cut-off Wavelength -1250 nm, Op. Temp. -10 DegC - 70 DegC; Corrugated steel tape armor; Tensile Rating: 1200N; Max. Crush Res: 3000N; ISO/IEC 11801, T1A, 568, ICEA440 compliant as required complete in all respect. Make:- Dlink, Schneider, Panduit	500 Mtr	80.00	Rupees Eighty Only	Each	40000.00
10	Supplying installation testing and commissioning of Line Interface Unit 6 Ports LIU fully loaded should be provided for terminating the optic fibre cables. It shall provide minimum bending radius and the splice trays shall functions as required complete in all respect. Make : Dlink, Schneider, Panduit	2 Nos	9600.00	Rupees Nine Thousand Six Hundred Only	Each	19200.00
11	Supplying installation testing and commissioning of 1 Meter Pigtaills splice cover for digital splicing. It shall be made of aluminum with powder coating in compliance with latest industry standard. Cable glands shall be provided for secured anchoring of incoming cables. Rubber grommets shall be provided at the cable entry point for tight sealing. The splice tray shall be made of ABS materials. 126 Port as required complete in all respect. Make: Dlink, Schneider, Panduit	6 Nos	865.00	Rupees Eight Hundred SixtyFive Only	Each	5190.00
12	Supplying installation testing and commissioning of Optic fiber adaptors should be suitable for single mode SC/APC type fiber cable connectors and shall be fully in compliance with latest industry standard. It shall be with snaplatch mechanism. Optic fiber adaptors as required complete in all respect. Make : Dlink, Schneider, Panduit	6 Nos	595.00	Rupees Five Hundred EightyFive Only	Each	3570.00
13	Supplying installation testing and commissioning of 3 meter Optic fiber patch cords should be suitable for single mode SC/APC type fiber cable connectors with plastic moulded plug type connectors in compliance with latest industry standard. Optic fiber patch cords should be of standard make. Min. Return Loss > 50 db as required complete in all standard make. Make:- Dlink, Schneider, Panduit	2 Nos	2310.00	Rupees Two Thousand Three Hundred Ten Only	Each	4620.00
14	Supplying installation testing and commissioning of Media Converter Giga Ethernet port to fiber port and vice versa; should support half and full-duplex operation; transparent to IEEE 802.1Q packets; rack-mountable; should have auto MDI/MDI-X & feature which should enable the fiber optic ports on the media converter to pass the 'Link' status of their connections to each other. When the media converter detects a problem with one of the ports, such as the loss of connection to an end-node, the media converter should shut down the connection to the other port, thus notifying the node that the connection has been lost as required complete in all respect. Make:- Tplink/Zyatel/Netgear,	1 Nos	5500.00	Rupees Five Thousand Five Hundred Only	Each	5500.00

15	Supplying installation testing and commissioning of Optical Fiber Cable Splicing with Sleeves as required complete in all respect.	12	Nos	310.00	Rupees Three Hundred Ten Only	Each	3720.00
16	Supplying installation testing and commissioning of SC Panel 1*6 SC Panel as required complete in all respect. Make: - Dlink, Schneider, Panduit	6	Nos	360.00	Rupees Three Hundred Sixty Only	Each	2160.00
17	Supplying installation testing and commissioning of Small Form Factor Transceivers :- Form Factor SFP Transceiver, LC Duplex, 1000BASE-LX, single-mode, 1310nm/1310nm as required complete in all respect.	4	Nos	5100.00	Rupees Five Thousand One Hundred Only	Each	20400.00
18	Supplying installation testing and commissioning of Steel wire as required complete in all respect.	500	Mtr.	45.00	Rupees Four/Five Only	Each	22500.00
Total							31080.00

Draft Schedule of Quantity
 checked and approved
 for 310800/- only
 Executive Engineer
 Electrical Division
 HPMD, Mandi

Job No. 9

					Estimated Cost: Rs. 1,58,700/- only
					Earliest Money: Rs. 3200/- only
					Time: One Month

Draft Schedule of Quantity

Name of work:- Rewiring of AE residence HPPWD Sub Division Udaipur Distt. L&S

Sr. No.	Description	Qty	Rate	Rate 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 (HFRF) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit and earthing the light point with 1.5 Sq. mm. HFR/LS/PVC insulated single core copper conductor cable as required. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX. Group B	26	Nos.	945	nine hundred forty-five	Each	24570
2	Supplying and fixing metal box of 100mmx100mmx60mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 5/6 amps socket outlet and 5/6 amps, piano type switch, connections, painting etc. as required Make : Anchor, Cona, SSK	15	Nos.	304	three hundred four	Each	4560
3	Supplying and fixing metal box of 150mmx100mmx60mm deep (nominal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 5/6 amps socket outlet and 5/6 amps, piano type switch, connections, painting etc. as required required Make : Anchor, Cona, SSK	7	Nos.	480	four hundred eighty	Each	3360
4	Supplying and fixing following rating Modular-type switch /socket on the existing switch box / cover including connections etc. as required.	1	Nos.	122	one hundred twenty two	Each	122
	TV socket						

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5	Supplying and fixing bakelite button/angle holder including connections etc. as required -	6	Nos.	65	eighty five	Each	510
6	Supplying & fixing LED TUBE 40W Aluminium BATTEN, complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	7	Nos.	2805	two thousand eight hundred five	Each	19635
7	Supplying & fixing wall bracket fitting single lamp with Opal glass with Nickel finishing Wall Lamp, holder cap E27, complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	4	Nos.	2207	two thousand two hundred seven	Each	8828
8	Supplying and fixing Deng-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required -	1	Nos.	279	two hundred seventy nine	Each	279
9	Supplying & fixing 25 Watt LED Street light in aluminium pressure die cast housing with toughened glass cover (IP65 rating) complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	4	Nos.	2235	two thousand two hundred thirty five	Each	8940
10	Supplying and erection of street light bracket made of G.I. pipe 'A' class of suitable length and dia. the pipe banded to give an angle of 100 to 110 degree fitted with bolt & nuts at the top of existing pole or wall including painting the pipe with two coats of approved paint over priming coat complete in all respects as required -	4	Nos.	567	five hundred sixty seven	Each	2268
	32 mm dia						

(4)

11	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required -	2	Nos.	2188	two thousand one hundred eighty-eight	Each	4376
	Ex. Fan (LD) 300mm sweep				zero		
12	Supplying and fixing LED bulb in existing holder as required complete in all respect	4	Nos.	179	one hundred seventy-nine	Each	716
13	Earthing with copper earth plate 600 mmx600 mmx 3 mm thick, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required.	1	Nos.	16974	sixteen thousand nine hundred seventy-four	Each	16974
14	Extra for using salt and charcoal for G.I. or copper plate earth electrode complete as required.	1	Nos.	2169	two thousand one hundred sixty-nine	Each	2169
15	Supplying and laying 8 SWG Copper wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required	15	metre	167	one hundred sixty-seven	Each	2505
16	Supplying and erection of 6 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respects per entire satisfaction of the Engineer in charge. Make : L&T / Legrand / Siemens.						
	SP Cat-A	12	Nos.	281	two hundred eighty-one	Each	3372
17	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 / Siemens.	1	Nos.	1320	one thousand three hundred twenty	Each	1320
	Double pole, Cat-A.						

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18	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.	1	Nos.	3907	three thousand nine hundred seven	each	3907
19	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with lined copper bus-bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required.	1	Nos.	3224	three thousand two hundred twenty-four	Each	3224
20	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 1 No. HFR/LSPVC insulated single core copper conductor cable of same size for earthing as required complete in all respects per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BRYANI / GEMSCAB / CMI / FENOLIX.						
i	2x1.5 Sq. mm.	55	Metre	218	two hundred eighteen	Per Metre	1190
ii	2x4.0 Sq. mm.	60	Metre	324	three hundred twenty-four	Per Metre	19440
iii	2x6 Sq. mm.	4	Metre	556	five hundred fifty-six	Per Metre	2224

21	Wiring for circuit / sub-main with 4x4 Sq. mm PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC casing capping along with 2 No.4 Sq.mm. (4X4+2X4)HFR/LS/PVC insulated single core copper conductor cable for earthing as required complete in all respects as per entire satisfaction of the Engineer in charge. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX.	20	Metre	580	five hundred eighty	Per Metre	11600
22	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed. Steel/PVC conduit as required.	20	metre	90	ninety-eight	Per Metre	1960
23	Supplying & fixing LED mirror light complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	1	Nos.	860	eight hundred sixty	Each	860
						TOTAL	159709
						TOTAL	1000
						TOTAL	158709

Draft schedule of Quantity checked and approved for RS. 158709/- only.

HT
 Executive Engineer
 Electrical Division
 HPPWD Mandi
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Job-10

Job-10					Estimated Cost :- Rs.15548/- Only Earned Money :- Rs.3100 /- Only Time :- One Month
DRAFT SCHEDULE OF QUANTITY					
Name of Work :- Providing rewiring in Revenue Hqs building (As Probationer Residence) at Jaf Road Mandi Dist. Mandi (H.P.)					
S. No.	Description	Qty.	In Figure	Rate 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 (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HFR/LS/PVC insulated single core copper conductor cable as required complete in all respect. Cable make : PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.	28 Nos.	1538.00	Rupees One Thousand Five Hundred ThirtyEight Only	Each 35988.00
2	Group C. Wiring for twin control light point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed Steelconduit, with 2-way, 500 amps piano type switch and earthing the light point with 1.5 Sq.mm. HFR/LS/PVC insulated single core copper conductor cable as required complete in all respect. Cable make : PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.	2 Each	1064.00	Rupees One Thousand SixtyFour Only	Each 2120.00
3	Group C. Wiring for circut/sub-main with following size PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No.HFR/LS/PVC insulated single core copper conductor cable of same size for earthing as required complete in all respect. Cable make : PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI.				
i)	2x1.5 Sq. mm.	50 Metre	266.00	Rupees Two Hundred EightySix Only	Per Metre 14300.00
ii)	2x4.0 Sq. mm.	48 Metre	394.00	Rupees Three Hundred Ninetyfour Only	Per Metre 18912.00

8)	2x6.0 Sq. mm	15	Metre	\$49.00	Rupees Five Hundred FortyNine Only	Per Metre	8235.00
4	Wiring for circuit / sub-main with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/processed steel conduit along with 2 No. 4 Sq. mm. (4x4+2x4)HFR-LS/PVC insulated single core copper conductor cable for earthing as required complete in all respect. Cable make : PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIVANI / GEMSCAB / CMI.	30	Metre	639.00	Rupees Six Hundred ThirtyNine Only	Per Metre	19170.00
5	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required complete in all respect. Cable make : PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIVANI / GEMSCAB / CMI.	25	Metre	90.00	Rupees Ninety Only	Per Metre	2250.00
6	Supplying and fixing G.I. Modular box of (140mmx70mmx50mm) size with modular plate and cover in recess including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required complete in all respect. MAKE :- LEGRAND / MYRUI / LATENTEC / ANCHOR / SSK / ABB	9	Nos.	584.00	Rupees Five Hundred EightyFour Only	Each	5256.00
7	Supplying and fixing G.I. Modular box of (140mmx70mmx50mm) size with modular plate and cover in recess including providing and fixing 5 pin 5/6 amps modular socket outlet and 5/6 amps, modular switch, connections etc. as required complete in all respect. MAKE :- LEGRAND / MYRUI / LATENTEC / ANCHOR / SSK / ABB	7	Nos.	439.00	Rupees Four Hundred Thirtynine Only	Each	3073.00
8	Supplying and erection of 6 amps to 32 amps, rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respect. MAKE :- LEGRAND / L&T / C&S / GE	12	Nos.	258.00	Rupees Two Hundred FiftyEight Only	Each	3096.00
9	Single pole, Cat-A, Supplying and erection of 40/50A/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 complete in all respect. MAKE :- LEGRAND / L&T / C&S / GE	1	No.	1236.00	Rupees One Thousand Two Hundred ThirtySix Only	Each	1236.00
	Double pole, Cat-A.						

10	Supplying and fixing of following wry, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tried copper bus-bar, wire-net, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphorized and powder painted, including earthing etc. as required complete in all respect. MAKE :- LEGRAND / LATI CBS / GE	1	Nos.	3224.00	Rupees Three Thousand Two Hundred TwentyFour Only	Each	3224.00
11	Double door-15key Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase 230 volts complete as required complete in all respect. MAKE :- Ess Ess Kay / Cosmo / Anchor.	1	Nos.	253.00	Rupees Two Hundred FiftyThree Only	Each	253.00
12	Supplying and fixing bakelite battery/voltage holder including connections etc. as required complete in all respect. MAKE :- Ess Ess Kay / Cosmo / Anchor.	8	Nos.	79.00	Rupees SeventyNine Only	Each	632.00
13	Prov. & Fixing glazed LED 20 watt bottom high quality design aluminium extruded with decorative end caps complete with connection, testing, commissioning etc as reqd. complete in all respect. Make Twinkle / Great White/Syska / Opulus / Bajaj / respect. Make Twinkle / Great White/Syska / Opulus / Bajaj / respect.	5	Nos.	548.00	Rupees Five Hundred FortyEight Only	Each	2740.00
14	Great White / Philips etc. Supplying and fixing LED wall bracket including making connection testing etc. as required complete in all respect. Make :- Wipro/ Philips/ Bajaj/ Jaquar	4	Nos.	2068.00	Rupees Two Thousand SixtyEight Only	Each	8272.00
15	Supplying and fixing LED mirror light including making connection testing etc. as required complete in all respect. Make :- Wipro/ Philips/ Bajaj/ Jaquar	2	Nos.	1719.00	Rupees One Thousand Seven Hundred Nineteen Only	Each	3438.00
16	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required complete in all respect. MAKE :- USHABAJAJ/ CROMPTON	3	Nos.	2058.00	Rupees Two Thousand FiftyEight Only	Each	6174.00
17	Exhaust Fan, Light duty, (Domestic) 225 mm sweep Providing, installation, testing and commissioning of ceiling fan with regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated steel cover on the fan box and earthing etc. as required complete in all respect. MAKE :- USHABAJAJ/ CROMPTON	3	Nos.	2468.00	Rupees Two Thousand Four Hundred SixtyEight Only	Each	7404.00
Ceiling Fan 1200 mm sweep, Category-A							

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(10)

18	Supplying and fixing LED Lamp 5 watt LTHPLEDLAMP5W22 C & S, make including connections, testing and commissioning etc. as required complete in all respects and as directed by the Engineer-in-Charge Make Twinkle / Great WhiteSyska / Optus / Bajaj / Great White / Phillips etc.	12	Mos.	314.00	Rupees Three Hundred Fourteen Only	Each	3768.00
TOTAL							153548.00

Draft schedule of Quantity checked and approved for RS. 153,548 only.

[Signature]
Executive Engineer,
Electrical Division
HP PWD, Mandi (HP)

Job-11

Job No - 11

Draft Schedule of quantity

Estimated Cost :- Rs. 396608/- Only
 Earnest Money :- Rs. 6150/- Only
 Tense :- Along with Civil Work

Name of work:- Old Ayurvedic Health Center building at Bhinayga, Tehsil Sakar Das, Mandi (H.P.)						
S. No.	Description	Qty.	Rate		Unit	Amount.
			In figure	In words		
1	Wiring for light point / fan point / exhaust fan / car belt point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRR) and low smoke single core (flexible) copper conductor cable in surface/cessed PVC conduit and starting the light point with 1.5 Sq. mm. HRR LS PVC insulated single core copper conductor cable as required complete in all respect. MAKE:- FINOLEX/ PLAZA / RR / UNITECH / BENTON / KEI	56	1123.00	Rupees One thousand One Hundred Twenty Three Only	Each	62568.00
2	Wiring for light plug with 2x1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRR) and low smoke single core (flexible) copper conductor cable in surface/cessed PVC conduit along with 1 No. 1.5 Sq. mm. HRR LS PVC insulated single core copper conductor cable for earthing as required complete in all respect. MAKE:- FINOLEX/ PLAZA / RR / UNITECH / BENTON / KEI					
	Group C.					
3	2x1.5 Sq. mm.	92	189.00	Rupees One Hundred Eighty Nine Only	Per Metre	17390.00
4	2x4.0 Sq. mm.	65	297.00	Rupees Two Hundred Ninety Seven Only	Per Metre	19305.00
5	2x10 Sq. mm.	5	553.00	Rupees Five Hundred Fifty Three Only	Per Metre	2765.00
6	2x6.0 sq. mm.	5	414.00	Rupees Four Hundred Fourteen Only	Per Metre	2070.00
7	Supplying and fixing metal box of 100mmx100mmx50mm deep (nominal size) on surface/cesses with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 56 amps socket outlet and 56 amps, piano type switch, connections, painting etc. as required complete in all respect. Make- ESS ESS KAY / COSMO / ANCHOR.	13	269.00	Rupees Two Hundred Sixty Nine Only	Each	3497.00
8	Supplying and fixing metal box of 180mmx100mmx50mm deep (nominal size) on surface/cesses with suitable size phenolic laminated sheet cover in the front including providing and fixing 6 pin 15/16 amps socket outlet and 15/16 amps, piano type switch, connections, painting etc. as required complete in all respect. Make- ESS ESS KAY / COSMO / ANCHOR.	11	434.00	Rupees Four Hundred Thirty Four Only	Each	4774.00
9	Supplying and erection of 6 amps to 32 amps, rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following sizes in the existing MCB DB complete with connections etc. as required complete in all respect. Make LAT / LEGRAND / SIEMENS.	20	258.00	Rupees Two Hundred Fifty Eight Only	Each	5160.00
	Single pole, Cat A.					

6	Supplying and erection of 4000A/100 amp 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 complete in all respect. Make LAT / LEGRAND / SIEMENS.	2	No.	1258.00	Rupees One Thousand Two Hundred ThirtyEight	Each	2472.00
7	Double pole, C-10 Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required complete in all respect. Make LAT / LEGRAND / SIEMENS.	2	No.	3931.00	Rupees Three Thousand Nine Hundred ThirtyOne	Each	7862.00
8	63 Amps, C-10 Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with inner copper bus-bar, wire-let, neutral link, earth bar, dis-bar, detachable gland plate, mounting plate, cable, identification labels interconnections, phosphorized and powder painted, including earthing etc. as required complete in all respect. Make LAT / LEGRAND / SIEMENS.	2	No.	3224.00	Rupees Three Thousand Two Hundred TwentyFour	Each	6448.00
9	Double door, 15mm 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 (10mm x 17mm), enclosure made from 1.6 mm thick M.S. sheet having overall dimensions (240mm x 350mm x 150mm) nominal with all accessories including connections, earthing the body etc. as required complete in all respect. Make LAT / LEGRAND / ABB / SIEMENS.	1	No.	4204.00	Rupees Four Thousand Two Hundred FortyFour	Each	4204.00
10	Earthing with G.I. earth pipe 4.5 mtr. long and 40mm dia. including accessories and providing masonry enclosure with corner plate having locking arrangement and wiring pipe etc. (but without charcoal or coke and salt) complete as required complete in all respect.	1	Sq.	4085.00	Rupees Four Thousand Six Hundred NinetyFive	Per Sq.	4085.00
11	Extra for using salt and charcoal for pipe earth electrode complete as required complete in all respect.	1	Sq.	1404.00	Rupees One Thousand Four Hundred Four	Per Sq.	1404.00
12	Supplying and laying 6 SWG G.I. wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required complete in all respect.	25	Mtr.	40.00	Rupees Forty	Per Mtr.	1000.00
13	Supplying and erection of wall mounted metal boards for switch gear mounting of suitable size, with permissible variation in size of plus minus 5mm, welded frame work made of M.S. angle iron 50 mm x 50 mm x 6 mm thick duly welded complete with 30mm thick M.S. sheet lined with hinges as open able front, complete with locking arrangement including painting and bonding to the existing earth as required complete in all respect.	0.5	Square Mtr.	4824.00	Rupees Four Thousand Eight Hundred TwentyFour	Per Square Mtr.	2412.00
14	Providing and installation of stationary storage type Electric water heater (Geysier) of various sizes by means of Expansion-tools with nuts and washers, including embedding of expansion-bolt in the wall, providing and fixing of Non-return valve, Dead weight safety valve, 2 No C.P. connection rods, 1/2" long, making good the damages, electrical connections, safety valve connections, testing and commissioning etc. as required complete in all respect. Make : - Bajaj / Racold/ Crompton						

1)	15 Liter capacity water heater (Cat-A)	1	Nos	11430.00	Rupees Eleven Thousand Four Hundred Thirty Only	Each	11430.00
a)	30 Liter capacity water heater (Cat-A)	3	Nos	12820.00	Rupees Twelve Thousand Eight Hundred Twenty Only	Each	38460.00
15	Supplying and fixing stepped type Modular fan regulator on the existing modular box including making connections etc. as required complete in all respect. Make :- LEGRAND (WYRU) / LATENTICI / ANCHOR /SSK / ABE.	8	Nos	273.00	Rupees Two Hundred Seventy Three Only	Each	2184.00
16	Providing, installation, testing and commissioning of ceiling fan with regulator, including wiring the down rod of standard length (up to 30 cm) with 1600 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 complete in all respect. Make :- Usha / Bajaj / Anchor Panasonic.	8	Nos	2463.00	Rupees Two Thousand Four Hundred Sixty Three Only	Each	19704.00
17	Ceiling Fan 1200 mm sweep, Category A Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required complete in all respect Make:- Usha / Bajaj / Anchor Panasonic.	8	Nos	2058.00	Rupees Two Thousand Fifty Eight Only	Each	16462.00
18	Exhaust Fan, Light duty, (Domestic) 300 mm sweep Supplying and fixing bladeless fanhanga holder including connections etc. as required complete in all respect. Make:- ANCHOR /CONNA /SSK	1	Nos	79.00	Rupees Seventy Nine Only	Each	79.00
19	Supplying and fixing Ding-Dong / Electronic musical bell, outside for D.C.M.C. single phase 220 volts complete as required complete in all respect. Make :- ESS ESS KAY / Cons / Anchor	4	Nos	255.00	Rupees Two Hundred Fifty Five Only	Each	1020.00
20	Supplying and fixing of fancy wall bracket containing Fixed type CFL lamp holder (s) of all sizes and shapes, complete with all accessories but excluding CFL lamp including making connections, testing etc. as required complete in all respect. Make :- Wipro/Philips/Bajaj/Jaquer	1	No	779.00	Rupees Seven Hundred Seventy Nine Only	Each	779.00
21	Fixed type wall bracket 150 dia, single lamp (Category A) Providing & fixing Glassed LED 20 watt Bulbs High quality design aluminum extruded with decorative end caps, complete with Connection testing commissioning as required complete in all respect as per entire satisfaction of the Engineer in charge Make :- Wipro / Bajaj / Philips / (Twinkle) Luxstar / Jaquer / Anchor panasonic.	3	Nos	544.00	Rupees Five Hundred Forty Four Only	Each	1632.00
22	Supplying & fixing surface/ Recess, including LED slim downlighter with high efficient LED 3 and glass fine spot 12 watt including connection etc. as reqd. complete in all respect as per entire satisfaction of engineer in charge Make :- Wipro / Bajaj / Philips / (Twinkle) Luxstar / Jaquer / Anchor panasonic.	13	Nos	1014.00	Rupees One Thousand Fourteen Only	Each	13182.00
23	Price & fixing LED surface mounted 1x1 20 watt square panel with aluminum die cast housing of superior quality complete with connection, commissioning as reqd. complete in all respect. Make :- Wipro / Bajaj / Philips / (Twinkle) Luxstar / Jaquer / Anchor panasonic.	10	Nos	2036.00	Rupees Two Thousand Thirty Six Only	Each	20360.00

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24	Proc. & hang LED surface mounted 2x2 36 watt square panel with aluminum die cast housing of superior quality complete with connection, commissioning as reqd. complete in all respect. Make : Wipro / Bajaj / Philips / (Telsite) LuxMax / Jaquar / Anchor pinesonic.	6	Nm.	3980.00	Rupees Three Thousand Eight Hundred NinetySix Only	Each	2378.00
25	PVC LED 20 Watt steel light made up of pressure cast aluminum housing and enclosed with toughened glass IP 65 complete with connection testing etc. as reqd. As reqd. complete in all respect. Make :- Wipro , Jaquar, Bajaj, Philips etc.	1	No.	2582.00	Rupees Two Thousand Five Hundred EightyTwo Only	Each	2582.00
26	Supplying and hang of MCCB 63 Amp. With square breaker (With Under voltage & over voltage protection) of thermal release (range 63-80 A, breaking capacity 18 KA, abs. required complete in all respect. Make : L&T / Schneider / ABB / Legrand.	1	No.	5262.00	Rupees Five Thousand Two Hundred / rty/two Only	Each	5262.00
Total							206628.00

Draft Schedule of Quantity checked and approved for Rs. 306608/only.

Executive Engineer,
Electrical Division,
HP PMD, Mandi (HP)

Job No. 12

Job No. 12						Estimated Cost :- Rs. 233616/- Only
						Earned Money :- Rs. 4700/- Only
						Time > Along with civil work.
DRAFT SCHEDULE OF QUANTITY						
NAME OF WORK:- On Examination Hall building at Govt. San. Sec. School at Saroha Dist. Mand. H.P. (SH - Providing E.L. there in.)						
S. No.	Description	Qty.	In Figure	Rate	Unit	Amount
				In Words		
1.00	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/cessed (slab) conduit and entering the light point with 1.5 Sq. mm. HFR/LS/PVC insulated single core copper conductor cable as required complete in all respect. (i) Group C Cable make : PLAZA / FINOLEX / UNITECH / BONTON / KEI / BEYANI / GEMSCAM / CMI.	36 Nos.	1536.00	Rupees One Thousand Five Hundred ThirtyEight Only	Each	55368.00
2.00	Supplying and fixing metal box of 100mmx100mmx60mm deep (nominal size) on surface/cess with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 56 amps socket outlet and 56/100 amps, piano type switch, connections, painting etc. as required complete in all respect. Make- ESS ESS KAY / CONA /ANCHOR	5 Nos.	269.00	Rupees Two Hundred SixtyNine Only	Each	1345.00
3.00	Supplying and fixing metal box of 180mmx100mmx60mm deep (nominal size) on surface/cess with suitable size phenolic laminated sheet cover in the front including providing and fixing 6 pin 15/16 amps socket outlet and 15/16 amps, piano type switch, connections, painting etc. as required complete in all respect. Make- ESS ESS KAY / CONA /ANCHOR.	4 Nos.	434.00	Rupees Four Hundred ThirtyFour Only	Each	1736.00
4.00	Providing, installation, testing and commissioning of ceiling fan with regulator, including wiring the down rods of standard length (up to 30 cm) with 18/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and entering etc. as required complete in all respect. (i) Ceiling fan 1400 mm sweep (Category -A) Make : Usha Ultimate / Bajaj Ultima / Anchor Panasonic.	11 Nos.	2602.00	Rupees Two Thousand Six Hundred Two Only	Each	28622.00
5.00	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required complete in all respect. (i) Exhaust Fan, Light duty. (Domestic) 300 mm sweep Make: Bajaj, Usha, Anchor	3 Nos.	2058.00	Rupees Two Thousand FiftyEight Only	Each	6174.00
6.00	Supplying and fixing LED Surface mounted 2'x 2' - 36 watt Square panel with aluminium die cast housing of superior quality complete with Connection,testing commissioning as required complete in all respect as per entire satisfaction of the Engineer in charge. Make : Wipro / Bajaj / Philips / Jaquar / Tefitels) Lux Max.	18 Nos.	3696.00	Rupees Three Thousand Eight Hundred NinetySix Only	Each	70128.00

7.00	Supplying and fixing 20 watt Ultra slim LED panel made from extruded aluminum housing frame Surface / recess / pendant 1'x1" complete with Connection, testing commissioning as required complete in all respect as per entire satisfaction of the Engineer in charge. Make : Wipro / Bajaj / Philips / Jaquar / (Twinkle) Lux Max.	2	Nos.	2348.00	Rupees Two Thousand Three Hundred FortyEight Only	Each	4696.00
8.00	Providing and fixing LED Tube 20 watt PC Baton complete with Connection, testing commissioning as required complete in all respect as per entire satisfaction of the Engineer in charge. Make : Wipro / Bajaj / Philips / Jaquar / (Twinkle) Lux Max.	2	Nos.	544.00	Rupees Five Hundred FortyFour Only	Each	1088.00
9.00	Supplying and erection of 6 amps, to 32 amps, rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respect. Make : L&T / Legrand / Siemens.						
9.01	6 Amp Single pole, Cat-A.	6	Nos.	258.00	Rupees Two Hundred FiftyEight Only	Each	1548.00
9.02	16 Amp Single pole, Cat-A.	4	Nos.	258.00	Rupees Two Hundred FiftyEight Only	Each	1032.00
10.00	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 complete in all respect. i) Double pole Cat-A. Make : L&T / Legrand / Siemens.	1	No.	1236.00	Rupees One Thousand Two Hundred ThirtySix Only	Each	1236.00
11.00	Supplying and fixing of following way, single pole and neutral steel steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus-bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels, interconnectors, phosphatized and powder painted, including earthing etc. as required complete in all respect. i) Double door-12 way Make L&T / LEGRAND / SIEMENS.	1	No.	2503.00	Rupees Two Thousand Five Hundred Three Only	Each	2503.00
12.00	Wiring for circuit board-man with following size PVC insulated heat resistant flame retardant (HFFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No. HFFR LSPVC insulated single core copper conductor cable of same size for earthing as required complete in all respect. Cable make : PLAZA / FINOLEX / UNITECH / BONTON / KEI / BRYANI / GEMSCAB / CMI.						
12.01	2x1.5 Sq. mm.	60	Metre	286.00	Rupees Two Hundred EightySix Only	Per Metre	17160.00
12.02	2x4.0 Sq. mm.	30	Metre	384.00	Rupees Three Hundred NinetyFour Only	Per Metre	11820.00

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12.03	2x10 Sq. mm.	25	Metre	675.00	Rupees Six Hundred SeventyFive Only	Per Metre	16875.00
13.00	Wiring for circuit / sub-main with 6x4 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 2 No. 4 Sq. mm. (4X4+2X4)HFR/LS/PVC insulated single core copper conductor cable for earthing as required complete in all respect. Make:- PLAZA / FINOLEX / UNITECH / BONTON / KEI / RIYANI / GEMSCAB / CMI.	15	Metre	639.00	Rupees Six Hundred ThirtyNine Only	Per Metre	9585.00
14.00	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required complete in all respect. i) 3X 1.5 Sq. mm. Make:- PLAZA / FINOLEX / UNITECH / BONTON / KEI / RIYANI / GEMSCAB / CMI.	30	Metre	90.00	Rupees Ninety Only	Per metre	2700.00
TOTAL							23346.00

Draft Schedule of Quantity Checked, approved job 23346/-
to two lacs only three thousand six hundred & sixteen only.

Executive Engineer,
Electrical Division,
HP PWD, Mandi (H.P.),

Job-15

Estimated Cost :- Rs. 148373/- Only
 Estimated Money :- Rs. 3000/- Only
 Time :- Along with civil work.

DRAFT SCHEDULE OF QUANTITY							
NAME OF WORK: C/o Govt. Ben. Sec. School at Shikawan talat Thuring, Bafra District, Wada, P.W.D. Thuring in							
S. No.	Description	Qty.	In Figure	Rate In Words	Unit	Amount	
1.00	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in surface/insulated steel conduit and earthing the light point with 1.5 Sq. mm. HRRF/LS-PVC insulated single core copper conductor cable as required complete in all respect. 0 Group C Cable make : PLAZA / FIMOLEX / UNITECH / BONTON / KEI / BRYANI / GEMSCAB / CMI.	25	Mts.	1538.00 Rupees One Thousand Five Hundred ThirtyEight Only	Each	43064.00	
2.00	Supplying and fixing metal box of 180mmx100mmx50mm deep (normal size) on substructure with suitable size phenolic laminated sheet cover in the front including providing and fixing 6 pin 10/16 amps socket outlet and 15/16 amps, ground free switch, connectors, earthing etc. as required complete in all respect. Make-ESS ESS KAY / CONA / MANCHOR.	6	Mts.	424.00 Rupees Four Hundred ThirtyFour Only	Each	2504.00	
3.00	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, corrections, testing and commissioning etc. as required complete in all respect. 0 Exhaust Fan, Light duty, (Domestic) 300 mm sweep Make: Bajaj, Usha, Anchor	2	Mts.	2058.00 Rupees Two Thousand FiftyEight Only	Each	4116.00	
4.00	Supplying and fixing 20 watt Ultra slim LED panel made from extruded aluminium housing frame Surface / recess / pendant "T-X" complete with Connection, testing commissioning as required complete in all respect as per entire satisfaction of the Engineer in charge. Make : Wipro / Bajaj / Philips / Jaques / (Twinkle) Lux Max.	4	Mts.	2348.00 Rupees Two Thousand Three Hundred FourtyEight Only	Each	9392.00	
5.00	Providing and fixing LED Tube 20 watt PVC Bulbs complete with Connection, testing commissioning as required complete in all respect as per entire satisfaction of the Engineer in charge. Make : Wipro / Bajaj / Philips / Jaques / (Twinkle) Lux Max.	22	Mts.	544.00 Rupees Five Hundred Fourtyfour Only	Each	11968.00	
6.00	Supplying and erection of 8 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 complete in all respect. 0 16 Amp, Single pole. Cat-A. Make : L&T / Legrand / Siemens.	5	Mts.	256.00 Rupees Two Hundred FiftySix Only	Each	1548.00	
7.00	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in surface/insulated steel conduit along with 1 No. HRRF/LS-PVC insulated single core copper conductor cable of same size for earthing as required complete in all respect. Cable make : PLAZA / FIMOLEX / UNITECH / BONTON / KEI / BRYANI / GEMSCAB / CMI.						

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7.01	2x15 Sq. mm.	30	Metre	286.00	Rupees Two Hundred Eighty/Six Only	Per Metre	5580.00
7.02	2x4.0 Sq. mm.	80	Metre	364.00	Rupees Three Hundred Ninety/Four Only	Per Metre	31520.00
8.00	Wiring for circuit / sub-main with 4sq. mm. PVC insulated twin resistant flame retardant (HFR) and low smoke single core (Rusba) copper conductor cable in surface/coated steel conduit along with 2 No. 4 Sq. mm. (4x4+2x4)HFRLS-PVC insulated single core copper conductor cable for earthing as required complete in all respect. Make:- PLAZA / FINOLEX / UNITECH / BONTON / KEI / BRYANI / GENSAB / CMI.	25	Metre	636.00	Rupees Six Hundred Thirty/Six Only	Per Metre	15975.00
9.00	Providing, laying and fixing of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured XLPE power cable, working voltage ± 100 volts grade on surface etc. of the required size complete in all respect. (i) Armoured cable 25 sq. mm (3.5 core) MAKE:- CCI/UNIVERSAL/FINOLE / POLYCAB / RALLISONS / RANDELA	50	Metre	362.00	Rupees Three Hundred Sixty/Two Only	Per Metre	18100.00
10.00	Providing and fixing LED BULB 10 W B22 / E27/E14 base cap connections, etc. as required complete in all respects.	14	Each	179.00	Rupees One Hundred Seventy/Nine Only	Each	2506.00
TOTAL							148372.00

IT is to be noted that the schedule of quantities is approved for Rs. 14,83,720/- only for one lot for nine thousand one hundred and seventy two only.

Executive Engineer,
Electrical Division,
HP PWD, Mandi (H.P.)

Job No. 14

Job 14				Estimated Cost - Rs. 450273.00 Excess Money - Rs. 9050/- Only Term - One Month
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DRAFT SCHEDULE OF QUANTITY

NAME OF WORK: Supply, Installation, Testing and Commissioning Solar Water Heating System at Civil Hospital Bagmati, Dhaka, Nepal

S No.	Description	Qty.	Unit	In Figure	Rate	Use	Amount
1	Supply, Installation, Testing and Commissioning 500 LPD Solar Water Heater I.E.T.C. Supply, Installation, Testing & Commissioning of Solar water heating system of cap. 500 LPD E.T.C. Integrated type system to produce hot water at 60 deg C. Consisting of 35 nos of Evacuated Glass tubes having dia 58mm x length 2100mm size with necessary stands, supports etc. with 500 litre hot water storage tank fabricated out of Stainless Steel duly insulated with 50mm PU.F insulation, Having Color Coated GI cladding with necessary stands supports etc. Complete in all respect. Make: Inter Solar Make: BHEL/More Energy/TATA BP	2	Nos.	87388.00	Rupees EightySeven Thousand Three Hundred NinetyEight Only	Each	174776.00
2	Providing and fixing Cold Water tank Providing and fixing of Cold Water storage tank of material (HGT/PPVC) having water Storage Capacity of 500 Liters Complete in all respect.	2	Nos.	9500.00	Rupees Nine Thousand Five Hundred Only	Each	19000.00
3	Providing and fixing MS Angle stand and Angle structure Providing and fixing of MS Angle stand and structure of size 36x36x6mm for Cold water stand and for structure for Solar water heating system Complete in all respect.	350	Kg	137.00	Rupees One Hundred ThirtySeven Only	Per Kg	47950.00
4	Providing and fixing Pipeline for system Providing and fixing of CPVC Pipeline of Size 25mm (Fusion Cold water tank to hot water tank) Complete in all respect.	350	Meters	568.00	Rupees Five Hundred FiftyEight Only	Meter	198800.00
5	Providing and fixing Float valve Providing and fixing of Float valve of Size 1" Complete in all respect.	2	Nos.	1013.00	Rupees One Thousand Twelve Only	Each	2026.00
6	Providing and fixing Tank nipple Providing and fixing of tank Nipple of Size 1" Complete in all respect.	4	Nos.	142.00	Rupees One Hundred FortyTwo Only	Each	568.00
7	Providing and fixing Ball Valve Providing and fixing of CPVC Ball valve of size 1" Complete in all respect.	7	Nos.	1518.00	Rupees One Thousand Five Hundred Nineteen Only	Each	10633.00
	TOTAL						450273.00

Draft Schedule of Quantity checked and
approved for Rs. 450273/- only.

Executive Engineer,
Electrical Division,
M.P. J.W.O. Mandi (B.P.)

Job No. 15

ADDENDUM

Estimated Cost - Rs.405444/- Only
 Earned Money - Rs.8193/- Only
 Time - Two Months

DRAFT SCHEDULE OF QUANTITY

Name of work:- City Warehouses for storage of EVAM and VEPAT at Binal Dast Murali (Bt)- Providing E.A. there in (Balance Work)

S.No.	Description	Qty	Unit	Amount
1	Wiring for light point / fan point / exhaust fan / oil bell point with 1.5 Sq. mm. PVC insulated hard resistant flame resistant (HFRS) and low smoke single core (flexible) copper conductor cable in surface/under floor cable with modular switch, modular plates, switches O.L box and wiring the surface/under floor cable with 1.5 Sq. mm. HFRS SPVC insulated single core copper conductor cable as required light point with 1.5 Sq. mm. HFRS SPVC insulated single core copper conductor cable as required conduits in all respect as per entire satisfaction of Engineer in charge. Make:- PLAZA / FIDOLEX / GRIETECH / BONTON / KCE / BIRANI / GENSICAB / CMI.	34	Nos	1782.00
2	Group C Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damage, connections, testing and commissioning etc. as required complete in all respect as per entire satisfaction of Engineer in charge. Make:- Bajaj, Usha, Ascher.	1	No	2224.00
3	Exhaust Fan, Light duty, (Domestic) 500 mm sweep Supplying and erection of 6 amps to 32 amps, 10 MA breaking capacity, 240 volts, °C curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respect. Make:- L&T / Legrand / ABB / SIEMENS.	4	No	281.00
4	Single pole, C&A Supplying and fixing of following work, single pole and residual rated MCB distribution board, 240 volts, on surface / recess, complete with terminal copper bus bar, wire cut, neutral link, earth bar, disconnector, disconnector plate, blanking plate, cables, identification labels, interconnections, photocoupled and power panel, including wiring etc. as required complete in all respect. Make:- L&T / Legrand / ABB / SIEMENS.	1	No	2154.00
5	Double door 4 way	1	No	2193.00
6	Double door 8 way	1	No	1420.00
7	Double door 12 way	1	No	2169.00
8	Double door 16 way	1	No	1610.00
9	Double door 20 way	1	No	1373.00
10	Double door 24 way	1	No	1124.00
11	Double door 28 way	1	No	861.00
12	Double door 32 way	1	No	601.00
13	Double door 36 way	1	No	341.00
14	Double door 40 way	1	No	81.00

Estimated Cost :- Rs. 49444/- Only
Earned Money :- Rs. 6150/- Only
Total :- Two Months

9	Supplying and laying copper type 20mm x 1mm thick on parapet or surface of wall for lighting conductor as required complete in all respect (for vertical run)	50	Metre	114.00	Supplies One Hundred Fourteen Only	Per Metre	5700.00
10	Supplying and laying of following sizes of PVC conduit along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required complete in all respect as per entire satisfaction of Engineer. In Charge. Make : AKOY SEC / NCI / Dabnet.	300	Metre	127.00	Supplies One Hundred TwentySeven Only	Per Metre	38100.00
11	25 mm dia Providing, laying and fixing of one No. aluminium conductor PVC insulated and PVC sheathed, armoured/ULPC power cable, working voltage 1100 volts grade on surface etc. of the required size complete in all respect as per entire satisfaction of Engineer. In Charge. Cable Make : CCI / Adhwaal / Forester / Polyfab / Balhion / Grandey / KCL.	40	Metre	261.00	Supplies Two Hundred Sixty Three Only	Per Metre	10440.00
12	Armoured cable 10 sq. mm (5sq core) Providing and installation of wall mounted fan of 400 mm in the existing opening, including making the hole to suit the size of above fan making the dampproof, corrosion, sealing and connecting etc. as required complete in all respect as per entire satisfaction of Engineer. In Charge. MAKE:- USHABALAJI CHROMPTON.	24	Metre	5645.00	Supplies Four Thousand Nine Hundred FourtyNine Only	Each	142680.00
13	Wiring for power plug with 2sq sq. mm. PVC insulated heat resistant type retardant (HRTS) and low smoke single core (flexible) copper conductor cable in surface/recessed steel conduit along with 1 No. 4.5 Amp. HRTS 50PVC insulated single core copper conductor cable for earthing as required complete in all respect Make-FLUZA / FNOLEX / UNITECH / BOMTON / KCI / BRYAN / GEMSCAB / CML.	50	Metre	429.00	Supplies Four Hundred TwentyNine Only	Per Metre	21450.00
14	Providing and laying 25 watt LED Surface mounted LED panel made from extruded aluminium housing 2x2' complete with Corrosion sealing commencing etc. as required in all respect. Make Twinkle / Great White / Philips etc.	70	Metre	3667.00	Supplies Three Thousand Eight Hundred EightySeven Only	Each	256690.00
15	Providing and laying 24 watt ultra slim LED Panel 1x1' made made from extruded aluminium housing 1 metre Surface / recess / pendant 5x1' approx. complete with Corrosion sealing commencing etc. as required in all respect. Make Twinkle / Great White / Philips etc.	10	Metre	2960.00	Supplies Two Thousand Three Hundred Sixty Only	Each	29600.00
16	Providing and laying Surface mounted Square LED downlight 15 Watt with Al die-cast body finish with drop down PC diffuser to deliver low glare illumination with up/down heat sink for efficient heat dissipation, complete with Corrosion/sealing commencing etc. as required in all respect as per entire satisfaction of the Engineer in charge. Make : Wipro / Bajaj / Philips / Jaques / (Twinkle) Low Max.	5	Metre	1022.00	Supplies One Thousand TwentyTwo Only	Each	5110.00
Total							456445.00

2024/04/15
 Checked and approved by
 2024/04/15
 2024/04/15

Executive Engineer
 Electrical Division
 Haryana

Job No. 16

Job - 16				Estimated Cost :- Rs. 166210/- Only
				Earnest Money :- Rs. 3150/- Only
				Time :- One Month

DRAFT SCHEDULE OF QUANTITY

Name of Work : Providing SGP for huts in RRI Building at Jaxal Pandoh District- Mandi HP.

S.No.	Description	Qty.	in Figure	Rate in Words	Unit	Amount
1	Supplying and fixing of electrical panel including TP&N 63 Amps, MCB DP 63 Amps, and Copper Busbar 63 amps with all accessories, connections, testing and commissioning etc. as required complete in all respect as per entire satisfaction of Engineer-in-Charge.	3 Nos	25270.00	Rupees Twentyfive Thousand Two Hundred Seventy Only	Each	75810.00
2	Providing, laying and fixing of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured/XLPE power cable, working voltage 1100 volts grade on surface etc. of the required size complete in all respect as per entire satisfaction of Engineer-in-Charge. Cable Make : CCW Universal Finolex / Polycab / Railison / Grandlay / KEL.					
i)	Armoured cable 6 sq. mm (Twin core)	150 Metre	207.00	Rupees Two Hundred One Only	Each	30150.00
ii)	Armoured cable 25 sq. mm (3.5 core)	50 Metre	362.00	Rupees Three Hundred Sixtytwo Only	Each	18100.00
iii)	Armoured cable 50 sq. mm (3.5 core)	50 Metre	642.00	Rupees Six Hundred Fortythree Only	Each	32150.00
					TOTAL	156210.00

Don't schedule of quantity
checked and approved for
Rs 156210/- only

Executive Engineer
Electrical Division
HPPWD Mandi (H.P.)

Job No. 17

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- C/o Fire Post at South Portal of Mal Tunnel (atst Manali Dist.Kullu H.P. (SH: Providing E.L. there in.)

S.No.

Description

Qty

In Figure

Rate

Unit

Amount

Job- 17					Estimated Cost :- Rs. 187597/- Only	
					Earned Money :- Rs.3600/- Only	
					Time :- Along with civil work.	
DRAFT SCHEDULE OF QUANTITY						
NAME OF WORK :- Civil Fire Post at South Portal of Atal Tunnel (Atal Marail Distt.Kullu H.P. (SH: Providing E.I. there in.)						
S.No.	Description	Qty	In Figure	In Words	Unit	Amount
1	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit along with 1 No. HRRF/LS/PVC insulated single core copper conductor cable of same size for earthing as required complete in all respect. Make: PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI Cable make.	20	Metre	553.00 Rupees Five hundred fifty three only.	Per Metre	11080.00
2	2x10 Sq. mm. Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in PVC Casing and Casing with Modular Switch, Modular plates suitable G.I. box and earthing the light point with 1.5 Sq. mm. HRRF/LS/PVC insulated single core copper conductor cable as required complete in all respect. Make: PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI Cable make.	33	Nos.	1078.00 Rupees One thousand seventy eight only.	Each	35574.00
3	Wiring for circuit / sub-main with following size PVC insulated heat resistant flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in PVC casing & capping along with 1 No. HRRF/LS/PVC insulated single core copper conductor cable of same size for earthing as required complete in all respect. Make: PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI Cable make.					
i)	2x1.5 Sq. mm.	66	Metre	164.00 Rupees One hundred sixty four only.	Per Metre	10824.00
ii)	2x4.0 Sq. mm.	130	Metre	272.00 Rupees Two hundred seventy two only.	Per Metre	35360.00
4	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRRF) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required complete in all respect. Cable make: PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI					
i)	3x1.5 Sq. mm.	25	Metre	90.00 Rupees Ninety only.	Per Metre	2250.00
ii)	3x4.0 Sq. mm.	45	Metre	203.00 Rupees Two hundred three only.	Per Metre	9135.00

5	Supplying and fixing G.I. Modular box of (140mmx70mmx50mm) size with modular plate and cover in recess including providing and fixing 5 pin 56 amps modular socket outlet and 56 amps, modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer-in-Charge. Make : Legrand (Myntu) / L&T (Embec) / Anchor ISSK / ABB (Similar Class).	25	Nos.	439.00	Rupees Four hundred thirty nine only.	Each	10975.00
6	Supplying and fixing G.I. Modular box of (140mmx70mmx50mm) size with modular plate and cover in recess including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required complete in all respect as per entire satisfaction of Engineer-in-Charge. Make : Legrand (Myntu) / L&T (Embec) / Anchor ISSK / ABB (Similar Class).	13	Nos.	584.00	Rupees Five hundred eighty four only.	Each	7592.00
7	Supplying and erection of 6 amps, to 32 amps, rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respect. L&T / Legrand / Siemens make.	19	Nos	258.00	Rupees Two hundred fifty eight only.	Each	4902.00
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 complete in all respect. L&T / Legrand / Siemens make.	3	Nos	1236.00	Rupees One thousand two hundred thirty six only.	Each	3708.00
9	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required complete in all respect. L&T / Legrand / Siemens make.	3	Nos	3689.00	Rupees Three thousand six hundred eighty nine only.	Each	11067.00
10	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus-bar, wire-les, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, preassembled and powder painted, including earthing etc. as required complete in all respect. L&T / Legrand / Siemens make.	3	Nos	2503.00	Rupees Two thousand five hundred three only.	Each	7509.00
11	Double door-12way Providing and fixing LED 20 Watt PC Batten decorative end caps complete with connection, testing commissioning as required complete in all respect. Make : Wipro / Bajaj / Phillips / Jaquar / Tintekla Lux Max.	21	Nos	454.00	Rupees Four hundred fifty four only.	Each	9534.00
12	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required complete in all respect. Make : Usha / Bajaj / Anchor Panasonic.	3	Nos	2058.00	Rupees Two thousand fifty eight only.	Each	6174.00
	Exhaust Fan, Light duty, (Domestic) 300 mm sweep						

13	Providing and fixing Bulk Head luminaires 10 watt energy efficient for upgrading conventional GLS Bulk Head luminaires. To LED Bulk Head IP 65 luminaires complete with Connection/lossing commissioning as required complete in all respect as per entire satisfaction of the Engineer in charge. Make : Wipro / Bajaj / Philips / K-life / (Twinkle) Lux Max / Jaquar.	8	Nos.	1374.00	Rupees One thousand three hundred seventy four only.	Each	10962.00
14	Earthing with G.I. earth pipe 4.5 mtr. long and 40mm dia. including accessories and providing masonry enclosure with cover plate having locking arrangement and weathering pipe etc. (but without charcoal or coke and salt) complete as required complete in all respect.	1	Set	4895.00	Rupees Four thousand six hundred thirty only.	Per Set	4895.00
15	Extra for using salt and charcoal for pipe earth electrode complete as required complete in all respect.	1	Set	1404.00	Rupees One thousand four hundred four only.	Per Set	1404.00
16	Supplying and Fixing LED Street Light 25 Watt LED made up of pressure die cast aluminum housing with high power LED as lighting source and lens embedded PC Cover having TOP OPENING separate driver compartment with IP 66 protection and impact resistance of IK 07 luminaire complete with connection testing commissioning etc as required complete in all respect. Make:- Wipro / Bajaj / Philips / Jaquar.	1	No	2582.00	Rupees Two thousand five hundred eighty two only.	Each	2582.00
17	Supplying and fixing of following sizes of PVC conduit along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required complete in all respect as per entire satisfaction of Engineer in Charge. Make : AKGI/ BEC / NIC/ Diplast.	20	Metre	113.00	Rupees One hundred thirteen only.	Each	2260.00
	25 mm. dia						
	TOTAL						187597.00

D-raft Schedule of Quantity checked and
approved for RS. 187597/- only

Executive Engineer,
Electrical Division,
HPPWD Mandi

Executive Engineer,
Electrical Division,
HPPWD Mandi

Job No. 18

27

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK :- Repair and Maintenance to 2 No Type III Qtr of Trout Farm Pakkuth Diett, Kullu H.P. Diett, Kullu H.P. (SH: Rewiring and replacing fixtures there in.)

S No.	Description	Qty	In Figure	Rate		Unit	Amount
				In Words			
1	Rewiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRT-R) and low smoke single core (flexible) copper conductor cable in existing surface recessed Steel / PVC conduit and earthing the light point with 1.5 Sq. mm. HRT-R/S/PVC insulated single core copper conductor cable including dismantling of the existing wiring as required complete in all respect. Make: PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI Cable make.	52 Nos.	437.00	Rupees Four Hundred ThirtySeven Only		Each	22724.00
Group A							
2	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRT-R) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required complete in all respect. Cable make : PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI	220 Metre	90.00	Rupees Ninety Only		Per Metre	19800.00
3	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRT-R) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required complete in all respect. Cable make : PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI	180 Metre	203.00	Rupees Two Hundred Three Only		Per Metre	36540.00
4	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRT-R) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required complete in all respect. Cable make : PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI	30 Nos.	259.00	Rupees Two Hundred FiftyNine Only		Each	8070.00
5	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRT-R) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required complete in all respect. Cable make : PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI	12 Nos.	424.00	Rupees Four Hundred TwentyFour Only		Each	5088.00
6	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRT-R) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required complete in all respect. Cable make : PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI	15 Nos.	298.00	Rupees Two Hundred NinetyEight Only		Each	4470.00

Single pole, Cat A.

6	Supplying and erection of 40:50A3 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following make in the existing MCB DB complete with connections etc. as required complete in all respect. Make L&T / LEGRAND / SIEMENS.	2	Nos.	1236.00	Rupees One Thousand Two Hundred ThirtySix Only	Each	2472.00
7	Double pole, Cat-A, Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamps in the existing MCB DB complete with connections, testing and commissioning etc. as required complete in all respect. Make L&T / LEGRAND / SIEMENS.	2	Nos.	3688.00	Rupees Three Thousand Six Hundred EightyNine Only	Each	7376.00
8	83 Amps, Cat-A, Supplying and fixing 20 Watt LED High quality design PC batten with decorative end caps complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Makes:-Jaques(Guze LED Batten PC) (Cat No.LGLZPCX020XC) or Equivalent.	6	Nos.	544.00	Rupees Five Hundred FortyFour Only	Each	3264.00
9	Supplying and fixing wall bracket fitting single lamp with Plastic body holder Cap:EC22/E27, complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Makes:-Hawell's STYLO (Cat no.LHFOECE1T210014) or Equivalent make.	8	Nos.	779.00	Rupees Seven Hundred SeventyNine Only	Each	6232.00
10	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus-bar, wire-rod, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required complete in all respect. Make L&T / LEGRAND / SIEMENS.	2	Nos.	2503.00	Rupees Two Thousand Five Hundred Three Only	Each	5006.00
11	Double door-12 way Earthing with G.I. earth pipe 4.5 mtr. long and 40mm dia, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required complete in all respect.	1	Set	4695.00	Rupees Four Thousand Six Hundred NinetyFive Only	Per Set	4695.00
12	Extra for using salt and charcoal for pipe earth electrode complete as required complete in all respect.	1	Set	1404.00	Rupees One Thousand Four Hundred Four Only	Per Set	1404.00
13	Supplying and laying 6 SWG G.I. wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required complete in all respect.	16	Metre	40.00	Rupees Fourty Only	Per Metre	640.00
14	Supplying & fixing DOWN LIGHT 12W light with aluminium housing, complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Makes:-Jaques NERO SURFACE ROUND(Cat no LNR002R0125C) or Equivalent make.	12	Nos.	1034.00	Rupees One Thousand Fourteen Only	Each	12408.00

Draft schedule of activity checked and approved for RS.160281/only.

Executive Engineer,
Electrical Division,
HPPWD Mandi

Job 12

Time: One month.

NAME OF WORK :- Repair and Maintenance to 4 No Type III Qtr of Trout Farm Pathikuthi Dist.Kulilu H.P., Dist.Kulilu H.P., (SH: Rewiring and replacing fixtures there in.)

NAME OF WORK :- Repair and Maintenance to 4 No Type III Qtr of Trout Farm Pathikuthi Dist.Kulilu H.P., Dist.Kulilu H.P., (SH: Rewiring and replacing fixtures there in.)

S.No	Description	Qty.	In Figure	Rate In Words	Unit	Amount
1	Rerouting for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC Insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in existing surface/recessed Steel / PVC conduit and starting the light point with 1.5 Sq.mm. HRF-PLS/PVC insulated single core copper conductor cable including dismantling of the existing wiring as required complete in all respect. Make: PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI Cable make.	64 Nos.	437.00	Rupees Four Hundred ThirtySeven Only	Each	27968.00
2	Group A Supplying and drawing following size of PVC Insulated, heat resistant, flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed. Steel/PVC conduit as required complete in all respect. Cable make : PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI					
i)	3x1.5 Sq. mm.	380 Metre	90.00	Rupees Ninety Only	Per Metre	34200.00
ii)	3x4.0Sq. mm.	320 Metre	203.00	Rupees Two Hundred Three Only	Per Metre	64960.00
3	Supplying and fixing metal box of 100mmx100mmx50mm deep (nominal size) on surfaces/walls with suitable size phenolic laminated steel cover in the front including providing and fixing 5 pin 500 amps socket outlet and 500 amps, piano type switch, connections, painting etc. as required complete in all respect. Make- ESS KAY / COSMO / ANCHOR.	40 Nos.	205.00	Rupees Two Hundred SixtyFive Only	Each	10780.00
4	Supplying and fixing metal box of 180mmx100mmx50mm deep (nominal size) on surfaces/walls with suitable size phenolic laminated steel cover in the front including providing and fixing 6 pin 15/16 amps socket outlet and 15/16 amps, piano type switch, connections, painting etc. as required complete in all respect. Make- ESS KAY / COSMO / ANCHOR.	20 Nos.	434.00	Rupees Four Hundred ThirtyFour Only	Each	8680.00
5	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 DBI complete with connections etc. as required complete in all respect. Make L&T / LEGRAND / SIEMENS. Steps pole CMC-A	32 Nos.	256.00	Rupees Two Hundred FiftySix Only	Each	8256.00

6	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 complete in all respect. Make LAT / LEGRAND / SIEMENS.	4	Nos.	1236.00	Rupees One Thousand Two Hundred ThirtySix Only	Each	4944.00
7	Double pole, Cat-A Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamps in the existing MCB DB complete with connections, testing and commissioning etc. as required complete in all respect. Make LAT / LEGRAND / SIEMENS.	4	Nos.	3618.00	Rupees Three Thousand Six Hundred EightyEight Only	Each	14756.00
8	Supplying and fixing 20 Watt LED High quality design PC batten with decorative end caps complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Makes:-Jaquar(Ghaze LED Batten PC) (Cat No. LGLZPCX020XC) & Crompton(bajaj) or Equivalent.	12	Nos.	544.00	Rupees Five Hundred FourFour Only	Each	6528.00
9	Supplying and fixing wall bracket fitting single lamp with Plastic body holder cap(022/EE7), complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	8	Nos.	779.00	Rupees Seven Hundred SevenNine Only	Each	6232.00
10	Makes:-Havell's STYLO (Cat no.LHFOECE112T0014) & S/Crompton(bajaj) or Equivalent make. Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with threaded copper bus-bar, wire-set, neutral link, earth bar, din-bar, detachable gland plate, terminal plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required complete in all respect. Make LAT / LEGRAND / SIEMENS.	4	Nos.	2503.00	Rupees Two Thousand Five Hundred Three Only	Each	10012.00
11	Double door-12 way Earthing with G.I earth pipe 4.5 mtr. long and 40mm dia. including accessories and providing masonry enclosure with cover plate having locking arrangement and wetting pipe etc. (but without charcoal or coke and salt) complete as required complete in all respect.	1	Set	4695.00	Rupees Four Thousand Six Hundred NinetyFive Only	Per Set	4695.00
12	Extra for using salt and charcoal for pipe earth electrode complete as required complete in all respect.	1	Set	1404.00	Rupees One Thousand Four Hundred Four Only	Per Set	1404.00
13	Supplying and laying 6 SWG G.I wire of 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required complete in all respect.	30	Metre	40.00	Rupees Fourty Only	Per Metre	1200.00
14	Supplying & fixing DOWN LIGHT 12W light with aluminum housing complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Makes:-Jaquar NIERO SURFACE ROUND(Cat no LNR002R0125) & S/Crompton(bajaj) or Equivalent make.	8	Nos.	1014.00	Rupees One Thousand Fourteen Only	Each	8112.00

(19)

15	Supplying and fixing of bulk head fitting of all sizes and shapes, containing one No. threaded type CFL lamp holder (s), complete with all accessories but excluding CFL lamp including making connections, testing etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Makes: Jaquar / Bajaj / Havells	8	Mos.	1375.00	Rupees One Thousand Three Hundred Seventy Five Only	Each	11000.00
16	Bulk head fitting, CFL type (Category-A)						
16	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connectors, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Makes: Jaquar / Bajaj / Havells	8	Mos.	2058.00	Rupees Two Thousand Five Eighty Only	Each	16464.00
17	Exhaust Fan, Light duty (Domestic) 300 mm sweep						
17	Providing and fixing of following sizes of PVC casting and capping on surface as required complete in all respect. Makes: anchor/robby/fitto/plest	20	Metre	68.00	Rupees Sixty Eight Only	Per Metre	1360.00
	20mm x 12mm						
	TOTAL						241631.00

Draft Schedule of Quantity checked and approved for RS. 241531 only.

ATK
Executive Engineer,
Electrical Division,
HPPMD Mandi D

Job No. 20

1-5.20

Estimated Cost :- Rs. 28474/- Only
Earnest Money :- Rs. 6000/- Only
Term :- Along with Civil Work

Draft Schedule of quantity

Name of work:- C/o Ayurvedic Dispensary building at Sajjala at Dist. Kulu (H.P.) (S&P Providing E.T. in ground and first floor there in)		Qty.		Rate		Unit	Amount
S. No.	Description			In figure	In words		
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/enclosed steel conduit and earthing the light point with 1.5 Sq. mm. HFR RLSPVC insulated single core copper conductor cable as required complete in all respect. MAKE:- FINOLEX/ PLAZA / RRI / UNITECH / BENTON / KEI						
ii	Group A.	20	Nos	1127.00	Rupees One Thousand One Hundred TwentySeven Only	Each	22540.00
iii	Group C.	23	Nos	1701.00	Rupees One Thousand Seven Hundred One Only	Each	39123.00
2	Wiring for twin control light point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/enclosed steel conduit with 2-way, 500 amper, piano type switch and earthing the light point with 1.5 Sq. mm. HFR RLSPVC insulated single core copper conductor cable as required complete in all respect. ii) Group C. MAKE:- FINOLEX/ PLAZA / RRI / UNITECH / BENTON / KEI	4	Nos	1721.00	Rupees One Thousand Seven Hundred TwentyOne Only	Each	6884.00
3	Supplying and fixing metal box of 100mmx100mmx50mm deep (nominal size) on surface/enclosed with suitable size phenolic laminated sheet cover in the front including providing and fixing 6 pin 500 amper socket outlet and 500 amper, piano type switch, connections, painting etc. as required complete in all respect. MAKE:- ESS KAY / COSMO / ANCHOR.	16	Nos	304.00	Rupees Three Hundred Four Only	Each	4864.00
4	Supplying and fixing metal box of 180mmx100mmx50mm deep (nominal size) on surface/enclosed with suitable size phenolic laminated sheet cover in the front including providing and fixing 6 pin 15/16 amper socket outlet and 15/16 amper, piano type switch, connections, painting etc. as required complete in all respect. MAKE:- ESS KAY / COSMO / ANCHOR.	9	Nos	450.00	Rupees Four Hundred Eighty Only	Each	4050.00
5	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/enclosed steel conduit along with 1 No HFR RLSPVC insulated single core copper conductor cable of same size for earthing as required complete in all respect. MAKE:- FINOLEX/ PLAZA / RRI / UNITECH / BENTON / KEI						
ii	2x1.5 Sq. mm.	62	Mttrs	315.00	Rupees Three Hundred Fifteen Only	Per Metre	19530.00

III	2x4.0 Sq. mm	7/8	Mtr	428.00	Rupees Four Hundred TwentyNine Only	Per Mtr	33482.00
III	2x10 Sq. mm	8	Mtr	740.00	Rupees Seven Hundred Forty Only	Per Mtr	4440.00
6	Supplying and drawing following size of PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Steel/PVC conduit as required complete in all respect. MAKE:- FINOLEX/ PLAZA / RR / UNITECH / BENTON / KEI						
II	3x1.5 Sq. mm.	30	Mtr	98.00	Rupees NinetyEight Only	Per Mtr	2940.00
II	3x4.0 Sq. mm.	30	Mtr	210.00	Rupees Two Hundred Eighteen Only	Per Mtr	6540.00
7	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with fixed copper bus bar, wire-see, neutral link, earth bar, on-bar, detachable gland plate, bonding plate, cable, identification labels interconnections, phosphatized and powder painted, including earthing etc. as required complete in all respect. Make LAT / LEGRAND / SIEMENS.	2	Mtr	2663.00	Rupees Two Thousand Six Hundred NinetyThree Only	Each	5395.00
	Double door-12bay						
8	Supplying and erection of 6 ampt. to 32 ampt. 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 complete in all respect. Make LAT / LEGRAND / SIEMENS.	16	No	281.00	Rupees Two Hundred EightyOne Only	Each	4496.00
	Surge pole Ckt-A						
9	Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required complete in all respect. Make :- ESS ESS KAY / Goma / Anchor	3	No	279.00	Rupees Two Hundred SeventyNine Only	Each	837.00
10	Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required complete in all respect. Make LAT / LEGRAND / SIEMENS.	2	No	3431.00	Rupees Three Thousand Nine Hundred ThirtyOne Only	Each	7862.00
11	83 Amps Ckt-A						
11	Supplying and erection of 400/455 ampt 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 complete in all respect. Make LAT / LEGRAND / SIEMENS.	2	No	1320.00	Rupees One Thousand Three Hundred Twenty Only	Each	2640.00
	Double pole Ckt-A						
12	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required complete in all respect. Make:- Quba / Bajaj / Anchor Panasonic.	5	No	2224.00	Rupees Two Thousand Two Hundred TwentyFour Only	Each	11120.00
	Exhaust Fan, Light duty, (Domestic) 300 mm sweep						

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13	Supplying and fixing of fancy wall bracket containing fused type CFL lamp holder (s) of all sizes and shapes, complete with all accessories but excluding CFL lamp including wiring connections, testing etc. as required complete in all respect. Make :- Wipro, Philips Bajaj Jaquar	3	Nos	836.00	Rupees Eight Hundred ThirtySix Only	Each	2508.00
14	Fused type wall bracket 150 dia, single lamp (Category-A) Earthing with G.I. earth pipe 4.5 mtr. long and 25mm dia, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or coke and salt) complete as required complete in all respect	1	Sqft	5126.00	Rupees Five Thousand One Hundred TwentySix Only	P/Sqft	5126.00
15	Extra for using salt and charcoal for pipe earth electrode complete as required complete in all respect	1	Sqft	1493.00	Rupees One Thousand Four Hundred NinetyThree Only	P/Sqft	1493.00
16	Supplying and laying 6 SWG G.I. wire of 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required complete in all respect.	10	Mtr.	48.00	Rupees FourtySix Only	P/Mtr.	480.00
17	Providing and installation of stationary storage type Electric water heater (Category) of various sizes by means of Expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, grouting and fixing of Non-return valve, Dead weight safety valve, 2 No C.P. connection rods 18" long, making good the damages, electrical connections, safety valve connections, testing and commissioning etc. as required complete in all respect. Make :- Bajaj / Racold/ Crompton	2	Nos	10809.00	Rupees Ten Thousand Eight Hundred SixtyNine Only	Each	21728.00
18	25 Liter capacity water heater (Cat-A)	1	Nos	13121.00	Rupees Thirteen Thousand Seven Hundred TwentyOne Only	Each	13121.00
19	Supplying & fixing LED BULK HEAD, 10 watt of Halonix make, Energy efficient Watt mounted LED Bulk head/Luminaire made of pressure die cast aluminium housing & enclosed with polycarbonate cover IP65 including making connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge	10	Nos	1469.00	Rupees One Thousand Four Hundred SixtyNine Only	Each	14690.00
20	Make:- Halonix (Cat No. HL-BH-03-10-CW) VCS500aj or Equivalent Providing and fixing 1x20 Watt LED tube light fixture, Streak square, Halonix make complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge	7	Nos	487.00	Rupees Four Hundred EightySeven Only	Each	3409.00
21	Make:- Halonix (Cat No. HL-BH-07-30-CW) VCS500aj or Equivalent Supplying & fixing 24 Watt Ultra slim LED panel made from extruded aluminium housing frame Surface/Recess/pendant 1ft x1ft approx. complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	9	Nos	2567.00	Rupees Two Thousand Five Hundred One Only	Each	23103.00

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21	Make:- Havells (surface) (Cat No. LHEAABP7M1W024) (C&S/Crompton/Bajaj) or Equivalent. Supplying & fixing 30 Watt Surface mounted LED panel made from extruded aluminium housing (surface) 12x 42x complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	2	Nos.	4151.00	Rupees Four Thousand One Hundred FiftyOne Only	Each	8302.00
22	Make:- Jaguar (surface) (Cat No. LSVR0150355C) (C&S/Crompton/Bajaj) or Equivalent. Providing, installation, testing and commissioning of ceiling fan with regulator, including wiring the down rods of standard length (up to 30 cm) with 180.20 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 complete in all respect. Make : Usha / Bajaj / Anchor Panasonic.	6	Nos	2580.00	Rupees Two Thousand Four Hundred Sixty-Eight Only	Each	15480.00
23	Coating / Fan 1200 mm sweep, Category A Supplying & fixing 25 Watt LED Street light in stainless pressure die cast housing with toughened glass cover (type ceiling) complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge Make:- Jaguar (LED Street light) (Cat No. LFC89R175WLC) (C&S/Crompton/Bajaj) or Equivalent.	1	No	2754.00	Rupees Two Thousand Four Hundred Sixty-Eight Only	Each	2754.00
							Total
							289174.00

Draft schedule of Quantity checked and approved for Rs. 289174 only.

Executive Engineer,
Electrical Division,
MP PWD, Mandi (HP)

Job No. 21

Job No 21

Estimated cost- Rs. 4,76,730/- only

Earnest money- Rs. 9550/- only

Time:- Along with civil work

Draft Schedule of quantity

Name of work: Supply Installation Testing & Commissioning of Wireless Fire Alarm System at Deputy Director Treasury office Cum Residence at Khalifa Dist. Mandi

S.NO.	DESCRIPTION	QTY		RATE	Rate in words	unit	AMOUNT
1	Supply, Installation, Testing & Commissioning of Addressable robust, industry leading commercial grade 32 Wireless Zone Fire Alarm Panel, Expandable upto 128 Wireless Zone, Visual alarm verification, 128 bit AES encryption communication, 1000 Event History, LCD keypad having, Bell Output, Aux Output, PGM Output, Battery Charger, Operating Environment 32° to 120° F (0° to 49° C), Relative Humidity 93%RH/100% RH, CE, CCC, SRRC, C-Tick, ANATEL, WPC, IDA	1	Nos	95000	ninety-five thousand	Each	95000
2	Approved Make - DSC/BENTEL/HONEYWELL Supply, Installation, Testing & Commissioning of Addressable Wireless Multi Smoke Sensor with Base, Built-in heat sensor alerts to temperatures above 57°C (135°F), built-in leading-edge wireless technology, 128-bit AES encrypted communication, built-in 85db alarm buzzer and flashing LED light, when smoke or high temperatures are detected, Battery Life: Min 3 years (Typical use).	19	Nos	8550	eight thousand five hundred fifty	Each	162450
3	Approved Make - DSC/BENTEL/HONEYWELL Supply, Installation, Testing & Commissioning of Addressable Wireless Panic Button for manual alarm, built-in leading-edge wireless technology, 128-bit AES encrypted communication, Battery Life: Min 3 years (Typical use).	4	Nos	9200	nine thousand two hundred	Each	36800
	Approved Make - DSC/BENTEL/HONEYWELL						

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4	Supply, Installation, Testing & Commissioning of Addressable Wireless Indoor/Outdoor Hooper & Strobe, built-in leading-edge wireless technology, 128-bit AES, encrypted communication, Battery Life: Min 3 years (Typical use).	4	Nos	28120	twenty-eight thousand one hundred twenty	Each	112480
5	Approved Make - DSC/BENTEL/HONEYWELL Supply, Installation, Testing & Commissioning of Wireless Repeater, 128 bit AES encryption communication, AC powered, with rechargeable 48-hour backup battery, Operating Temperature: -10°C to 55°C (14°F to 131°F) FCC/IC, UL/ULC, CE, CCC, SRRC, C-Tick, AMATEL, WPC, IDA Approved Make - DSC/BENTEL/HONEYWELL	2	Nos	30500	thirty thousand five hundred	Each	61000
6	Supply, Installation, Testing and Commissioning of Waterproof Fire Exit sign board of Reputed Make	4	Nos	2250	two thousand two hundred fifty	Each	9000
TOTAL							476730

Direct Subordinate responsibility
checked and approved
for 2476730/- only
Executive Engineer
Electrical Sub Division
HPWD Mandi

Job No. 22

Job 22

DRAFT SCHEDULE OF QUANTITY

NAME OF WORK: On E Office cum Rest. PWD at Chauran, Doh Bazar, 10th 6th Ave of PWD, Gps 2nd Floor, Ph. 1.1 in more ft.

Estimated Cost - Rs. 102037/- Only
 Earned Money - Rs. 2000/- Only
 Date - Along with O&M work

S. N.	DESCRIPTION	Quantity	Rate	UNIT	AMOUNT
1.00	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (double) copper conductor cable in surface/underground steel conduit and earthing (double) copper conductor cable in surface/underground steel conduit and earthing the light point with 1.5 Sq. mm. HFR/SIPVC insulated single core copper conductor cable as required complete in all respect. Make : PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMS/CAB / CMI.	18	1100.00	Each	19800.00
2.00	Wiring for circuit/sub-main with following size PVC insulated heat resistant flame retardant (HFR) and low smoke single core (double) copper conductor cable in surface/underground steel conduit along with 1 No HFR/SIPVC insulated single core copper conductor cable of same size for earthing as required complete in all respect. Make : PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMS/CAB / CMI.	30	286.00	Per Meter	8580.00
2.01	2x1.5 Sq. mm.	50	394.00	Per Meter	19700.00
2.02	2x4.0 Sq. mm.	10	549.00	Per Meter	5490.00
2.03	2x6.0 Sq. mm.	20	629.00	Per Meter	12580.00
3.00	Wiring for circuit / sub-main with 4x4 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (double) copper conductor cable in surface/underground steel conduit along with 2 No. 4 Sq. mm. (4x4-2X4/HFR/SIPVC insulated single core copper conductor cable for earthing as required complete in all respect. Make : PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMS/CAB / CMI.	20			
4.00	Supplying and drawing following size of PVC insulated heat resistant flame retardant (HFR) and low smoke single core (double) copper conductor cable in steel conduit / recessed Street/PVC conduit as required complete in all respect. 10 3x1.5 Sq. mm. Make : PLAZA / FINOLEX / UNITECH / BONTON / KEI / BIYANI / GEMS/CAB / CMI.	20	30.00	Per Meter	600.00
5.00	Supplying and fixing metal box of 150-mm (150mm deep (vertical size) and 150mm wide) with suitable size plastic/brass/steel cover as the front including providing and fixing 5 pin 5x1.5mm socket outlet and 5x6mm. plastic type switch, connectors, parting etc. as required complete in all respect. Make - ESS ESS MAY / COSMO/Ambar	5	269.00	Each	1345.00

22

6.00	Supplying and fixing metal box of 180mm x 100mm deep (normal size) on surface with suitable size galvanized sheet cover in the front including providing and fixing 6 per 15/16 amp socket outlet and 15/16 amp, fuses type switch, connections, wiring etc. as required complete in all respect. Make: ESS KAY / COSMO/Active	6	No.	434.00	Ruppes Four hundred thirty four only	Each	2604.00
7.00	Supplying and fixing double terminal box including connections etc. as required complete in all respect. Make: ANCHOR, CONA, ESS KAY.	5	No.	79.00	Ruppes Seventy nine only	Each	414.00
8.00	Supplying and fixing cable tie / buzzer, suitable for D.C.A.C. single phase 230 volts complete as required complete in all respect. Make: ANCHOR, CONA, ESS KAY.	1	No.	176.00	Ruppes One hundred seventy six only	Each	176.00
9.00	Supplying and erection of 6 amps, to 32 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respect. i) Single pole C-A. Make: L&T / Legrand / ABB / SIEMENS.	10	No.	258.00	Ruppes Two hundred fifty eight only	Each	2580.00
10.00	Supplying and erection of 40/50/80 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 complete in all respect. i) Double pole C-A. Make: L&T / Legrand / ABB / SIEMENS.	1	No.	1236.00	Ruppes One thousand two hundred thirty six only	Each	1236.00
11.00	Supplying and fixing of following sub, single pole and neutral strand steel MCB distribution board, 240 volts, on surface / recess, complete with fixed copper bus, bar, wire-tail, neutral link, earth bar, air-bar, detachable gland plate, busbar plate, cable identification labels, interconnections, photocopied and powder painted, including wiring etc. as required complete in all respect. i) Double Door 1700mm. Make: L&T / Legrand / ABB / SIEMENS.	1	No.	2503.00	Ruppes Two thousand five hundred three only	Each	2503.00
12.00	Barthing with G.I. earth pipe 45 mm, long and 40mm dia, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. (but without charcoal or cable and salt) complete as required complete in all respect.	1	Set	4009.00	Ruppes Four thousand six hundred ninety two only	Per Set	4009.00
13.00	Exec for using salt and charcoal for pipe earth electrode complete as required complete in all respect.	1	Set	1404.00	Ruppes One thousand four hundred four only	Per Set	1404.00
14.00	Supplying and laying 6 35x5 G.I. wire at 0.50 mtr. below ground level for earth electrode conductor, including saddling etc. as required complete in all respect.	20	Metre	40.00	Ruppes Forty only	Per Metre	1000.00
15.00	Providing, installation, testing and commissioning of casting tie with regulator, including wiring the down rods of standard length (up to 30 cm) with 16/1 20 mm bare twisted barbed, cotton braided, copper coated, insulating providing and fixing electric laminated sheet cover on the tin box and earthing etc. as required complete in all respect as per entire satisfaction of Engineer. in. Charge. i) Casing 1000 mm sweep. Make: Usha / Bajaj / Anchor Panasonic.	3	No.	2424.00	Ruppes Two thousand four hundred twenty four only	Each	7264.00

22

16.00	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required complete in all respect as per order satisfaction of Engineer-in-Charge. (i) Exhaust Fan, Light duty, (Dimensions) 300 mm square Make: Bajaj, Usha, Anchor	2	Note:	2056.00	Rupees Two thousand fifty eight only	Each	4116.00
17.00	Providing and fixing Glazed LED 70 Watt Bulbs high quality aluminium extruded with decorative end caps complete with connection, testing commissioning as required complete in all respect Make: Bajaj/Sikal/Jaguar/Philips	6	Mts.	344.00	Rupees Five hundred forty four only	Each	2064.00
Total							102027.00

Draft Schedule of Quantity checked and approved for RS. 102027 only.

Executive Engineer
Electrical Division
HPPGD Ward B

(93)

7	Supplying and laying of following sizes of PVC conduit along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required complete in all respect. Ø 25 mm Dia Make:- BEC, NIC, AKG	3	Metre	113.00	Rupees One Hundred Thirteen Only	Per Metre	339.00
8	Supplying and erection of GI pipe 65 mm dia of ISI marked as required complete in all respect.	3	Metre	458.00	Rupees Four Hundred FiftyEight Only	Per Metre	1374.00
	TOTAL						485488.00

*Draft schedule of Quantity checked and approved
for Rs. 485488 only.*

HT
Executive Engineer,
Electrical Division,
HPP/WD, Mandi (HP)

Job No. 24

Job: 24										Estimated Cost- Rs. 423848/- only	
										Earnest Money- Rs. 10500/- only	
										Time- Along with cost work	
Draft Schedule of Quantity											
NAME OF WORK:- Co Civil Hospital at Bagpat Dist. Meerut (H.P.) (5H) Providing Yard Lighting Road side (see n.)											
Sr. No.		Description		Qty.		Rate		Units		Amount	
						In figure		In words			
12.00		Supplying and Erection of campus LED cast iron Lummax Pole -140-75' Aluminu long EVS Q4 made of dia cast aluminium based including nut and bolts with decorative ornamental double bracket Lummax BKT 3133-600 including fixing of LED hanging fitting 40 Watt dipper 2 Nos. Lummax PFI - 168 H fixed on Pole bracket both size 500 x 500 mm. including connection etc. as required complete in all respect as per entire satisfaction of Engineer in- Charge. Make: Twinkle / Bagpat / K-45a.		0 nos.		82300.00		Rupees Eighty Two Thousand Three Hundred Eight Only		Each 423848.00	
		Total								423848.00	

Draft Schedule of Quantity checked and
approved for Rs. 493848/- only.

Executive Engineer
Electrical Division
HPPWD Meerut (H.P.)

5

Job No. 25

Job- 25

DRAFT SCHEDULE OF QUANTITY

Name of work: C/o Indoor Examination Hall at Chhapur, Kulu (H.P.) (SH-Prav, LED Fixtures there in)						
S.N.						
Description		Quantity	Rate in figure	Rate in words	Unit	Amount
1.00	Supplying & fixing 10 Watt LED bulb, rated comprising of pressure die cast housing with acrylic diffuser (IP65 protection) complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Make :- Jaquar/Bajaj/Twinkle.	13 Nos.	1291.00	Rupees One thousand two hundred ninety one only	Each	16783.00
2.00	Supplying & fixing LED TUBE 22W Aluminium BATTEN, complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Make :- Jaquar/Bajaj/Twinkle.	4 Nos.	565.00	Rupees Five hundred sixty five only	Each	2260.00
3.00	Supplying & fixing Mirror light comprising of cylindrical steel glass complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Make :- Jaquar/Bajaj/Twinkle.	4 Nos.	1719.00	Rupees One thousand seven hundred nineteen only	Each	6876.00
4.00	Supplying & fixing 24 Watt Ultra slim LED panel made from extruded aluminium housing frame Surface mount standard 1ft x 1ft approx complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Make :- Jaquar/Bajaj/Twinkle.	18 Nos.	2179.00	Rupees Two thousand one hundred seventy nine only	Each	39222.00
5.00	Supplying & fixing 36 Watt Surface mounted LED panel made from extruded aluminium housing (surface) 422 complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Make :- Jaquar/Bajaj/Twinkle.	1 Nos.	3676.00	Rupees Three thousand six hundred seventy six only	Each	3676.00
6.00	Supplying & fixing 100 W LED High bay outgound with heat sink having input voltage AC 220 to 240 volts and operating range 50 to 330 volts having surge protection upto 4 kV which conforms to IEC safety standard. Make :- Jaquar, Parasoon, Bajaj, C&S, or any other approved by Engineer-in-Charge. Make :- Jaquar/Bajaj/Twinkle.	36 Nos.	10035.00	Rupees Ten thousand thirty six only	Each	361260.00
7.00	Supplying, installation, testing and commissioning of ceiling fan with modular regulator including wiring the down rods of standard length (up to 30 cm) with 16/0 20 mm diam core flexible, FRLS PVC, copper cables, including priming and fixing plastic terminal box cover on the fan box and earthing etc. as required. Make :- Usha/Bajaj/Anchor galvanneal.	5 Nos.	2458.00	Rupees Two thousand four hundred fifty eight only	Each	12290.00
8.00	Supplying & fixing 60 Watt LED Street light in aluminium pressure die cast housing with toughened glass cover (IP66 rating) complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Make :- Jaquar / Bajaj / Twinkle.	6 Nos.	2811.00	Rupees Two thousand eight hundred eleven only.	Each	16866.00

Estimated Cost - Rs. 499318/- only
 Estimated Manry - Rs. 9850/- only
 Note - Along with civil work.

95

9.00	Supplying and laying sheet metal bus-bar chamber outside for 63 Amp, 415 volts capacity with 4 No. copper strip bus bars each of length 300mm A cross-sectional area (10mm x 17mm), enclosure made from 1.6 mm thick MS, steel having overall dimensions (300mm x 200mm x 150mm) painted with all accessories including connections, earthing the body etc. as required. Note: L&T / Legrand / Siemens.	1	Mtr	3000.00	Rupees Three thousand only	Each	3000.00
10.00	Laying with G.I. earth pipe 4.5 mm. long and 60mm dia. including accessories and providing measuring enclosure with cover plate having locking arrangement and wiring pipe etc. (but without charcoal or coke and salt) complete as required complete as required complete in all respect.	1	Set	4695.00	Rupees Four thousand six hundred ninety five only	Per Set	4695.00
11.00	Extra for using salt and charcoal for pipe mesh electrode complete as required complete in all respect.	2	Set	1804.00	Rupees One thousand four hundred four only	Per Set	2808.00
12.00	Supplying and laying 6 SWG G.I. wire at 0.50 mtr. below ground level for earth electrode conductor, including soldering etc. as required complete in all respect.	30	Mtr	40.00	Rupees Forty only	Per Mtr	1200.00
13.00	Providing and laying of lightning conductor from made of 25 mm dia. 300 mm long G.I. wire having angle iron at top, with 80 mm dia 6 mm thick copper base plate including bases etc complete as required complete in all respect.	1	Mtr	455.00	Rupees Four hundred fifty five only	Each	455.00
14.00	Supplying and laying G.I. size 20mm x 2mm thick on parapet or surface of wall for lightning conductor as required complete in all respect (for vertical run)	30	Mtr	104.00	Rupees One hundred four only	Per Mtr	3120.00
15.00	Supplying and laying G.I. size 20mm x 2mm thick on parapet or surface of wall for lightning conductor as required complete in all respect (for vertical run)	40	Mtr	501.00	Rupees One hundred one only	Per Mtr	4000.00
16.00	Supplying and laying having rod, double pole (single phase & neutral) 240 volts residual current circuit breaker (RCCB) having a sensitivity current up to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required complete in all respect per order satisfaction of the Engineer in charge. Note: L&T / Legrand / Siemens.	1	Mtr	3683.00	Rupees Three thousand six hundred eighty three only	Each	11787.00
TOTAL							492318.00

Drop schedule at quantity checked and approved for 442, 318 - only

Executive Engineer,
Electrical Division
HP Bhand Mandi (HP)

Estimated Cost: \$2,400 (one person, one
hour)
Estimated Money: \$100 (one hour only)

[illegible]

Sept Schedule on exhibit
checked and approved for
\$149,000 - only

Job No. 97

General Notes - Supply and Installation - Fixtures					General Notes - Fixtures				
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Job No. 28

Job:		Estimated Cost: Rs. 1,80,627/- only
		Gross Money - Rs. 2000/- only
		Time - One Month

Part Schedule of Quantities

Name of work:- C/o Science Lab at Govt. Sen. Sec. School Baroli Taluqa Dhemapur Distt. Marwar (Second floor) (Sh. Prov. E.L. Balance work there in)

Sl. No.	Description	Qty.	In figure	Rate	Units	Amount
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/recessed Steel conduit and earthing the light point with 1.5 Sq mm. HFR RLSPVC insulated single core copper conductor cable as required as per entire satisfaction of Engineer-in-Charge. (Make:-PLAZA / FINOLEX / UNITECH / BONTOM / KEI / BIVANI / GEMSCAB / CML)	62 Nos	1701.00	Rupees One Thousand Seven Hundred One Only	Each	105452.00
2	Group c. Providing, installation, testing and commissioning of ceiling fan with Modular Stepped Type regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required complete in all respect as per entire satisfaction of Engineer-in-Charge.	21 Nos	2645.00	Rupees Two Thousand Six Hundred Four/Five Only	Each	55545.00
3	Ceiling Fan 1200 mm sweep, Category-A. Make :- Usha, Bajaj, Anchor Panasonic. Providing & fixing glazed LED 20watt Batten high quality design aluminium extruded with decorative end caps Jaquar make as per cat no. LGL201X020XC Complete with connections, testing commissioning as reqd. complete in all respect as per entire satisfaction of Engineer-in-Charge. Make :- Wipro / Bajaj / Philips / Jaquar / (Twinkle) Lux Max / Heyells of equivalent make.	36 Nos	545.00	Rupees Five Hundred Four/Five Only	Each	19620.00
TOTAL						180627.00

Draft schedule of Quantity checked and approved for Rs. 1,80,627/- only.

Executive Engineer,
Electrical Division,
HPP&O Marwar (H.P.)

Job No. 29

Bill Schedule Of Quantity

Name of Work: Repair and maintenance to 2 No. Type 3 G.I. at Warril (Sh. Roasting and providing starting to type 2. also three in)									
Sr. No. Description									
Qty									
Rate									
In figure									
In words									
Units									
Amount									
1	Wiring for light point / fan point / exhaust fan / cat hot point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/overhead PVC conduit with modular switch, modular plate, suitable G.I. box and earthing the light point with 1.5 Sq. mm. HFR/LS/PVC insulated single core copper conductor cable as required complete in all respects and to the best satisfaction of Engineer-in-charge.	44	Mts	1014.00	Ruppes One Thousand Fourteen Only	Each	44616.00		
2	Group A Wiring for light point / fan point / exhaust fan / cat hot point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/overhead PVC conduit with modular switch, modular plate, suitable G.I. box and earthing the light point with 1.5 Sq. mm. HFR/LS/PVC insulated single core copper conductor cable as required complete in all respects and to the best satisfaction of Engineer-in-charge.	12	Mts	1235.00	Ruppes One Thousand Two Hundred Eighty Three Only	Each	15096.00		
3	Wiring for circuit-breaker with following size PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/overhead PVC conduit along with 1 No. HFR/LS/PVC insulated single core copper conductor cable of same size for earthing as required complete in all respects and to the best satisfaction of Engineer-in-charge.	120	Mts	210.00	Ruppes Two Hundred Ten Only	Per Mts	25200.00		
4	2x1.5 Sq. mm.	120	Mts	324.00	Ruppes Three Hundred Twentyfour Only	Per Mts	38880.00		
5	2x1.5 Sq. mm.	12	Mts	598.00	Ruppes Five Hundred NinetyEight Only	Per Mts	7176.00		
6	Supplying and drawing following size PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in existing surface/overhead PVC conduit as required complete in all respects and to the best satisfaction of Engineer-in-charge.	20	Mts	99.00	Ruppes NinetyEight Only	Per Mts	1980.00		
7	2x1.5 Sq. mm.	50	Mts	218.00	Ruppes Two Hundred Eighteen Only	Per Mts	10900.00		
8	3x1.0 Sq. mm.	18	Mts	464.00	Ruppes Four Hundred Eightyfour Only	Each	8712.00		
9	Supplying and fixing G.I. Modular box of (140mmx170mmx100mm) size with modular plate and cover in recess including wiring and fixing 5 pin 56 amps modular socket outlet and 56 amps. modular switch, connections etc. as required complete in all respects as per order satisfaction of Engineer-in-charge. Make : Legrand (Myral) / LBT (Entec) / Anchor (SSK / ADA (Similar Class).	18	Mts	464.00	Ruppes Four Hundred Eightyfour Only	Each	8712.00		

Estimated Cost - Rs. 28884/- only
 Earned Money - Rs. 1702/- only
 Total - One Month

[illegible]

18	Supplying and fixing 10 Watt LED bulb head comprising of pressure die cast housing with acrylic diffuser (IP65 protection) complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	8	Nos	1449.00	Rupees One Thousand Four Hundred SixtyNine Only	Each	11792.00
	Makes:- Jaquart (LED Bulb Head) (Cat No. LBLK014010XC) JCA&C Chromalox (bulb) or Equivalent.	8	Nos	536.00	Rupees Eight Hundred TwentySix Only	Each	6588.00
19	Supplying and fixing wall bracket fitting single lamp with Plastic body holder cap: B25/E27, complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.						
20	Makes:- Havells STYLO (Cat no. LHF06CE1T710014) JC&S Components (bulb) or Equivalent make.	6	Nos	2645.00	Rupees Two Thousand Six Hundred FourtyFive Only	Each	15870.00
	Providing, installation, testing and commissioning of ceiling fan with regulator, including wiring the down rods of standard length (up to 30 cm) with 150, 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 complete in all respect. Make : Data Ultimate / Bajaj Ultima / Anchor Parasoftic.						
	Ceiling fan (200 mm) (wired) (Category-A)	Total					38244.00

Draft Schedule of Quantity checked and approved for RS. 283044 only.

By
Executive Engineer,
Electrical Division,
HP PWD, Mandi City

Job No. 30

Job No 30

Job: 30				Estimated Cost: Rs. 28000/- only	
				Budgeted Manpower: Rs. 5000/- only	
				Time: One Month	
Bill Schedule of Quantities					
Name of Work: Repair and maintenance to 16 ex. spo. freestyle shops, Marla at Marla (B). Providing light points, heating points and accessories there to)					
Sr. No.	Description	Qty	Unit	Rate	Amount
1	Wiring for light point / fan point / exhaust fan / call bell point with 1.5 Sq. mm. PVC insulated heat resistant flame retardant (HRR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC conduit and earthing the light point with 1.5 Sq. mm. HRR PLS/PVC insulated single core copper conductor cable as required complete in all respects and to the best satisfaction of Engineer-in-charge. Makes: fireproof/heat/retardant or equivalent	38	Mtr.	1039.00	Ruppes One Thousand Two Hundred FiftyNine Only
2	Wiring for circuit-breaker with following size PVC insulated heat resistant flame retardant (HRR) and low smoke single core (flexible) copper conductor cable in surface/recessed PVC casing & capping along with 1 No. HRR PLS/PVC insulated single core copper conductor cable of same size for earthing as required complete in all respects and to the best satisfaction of Engineer-in-charge. Makes: fireproof/heat/retardant or equivalent	120	Mtr.	182.00	Ruppes One Hundred EightyTwo Only
3	Supplying and drawing following size PVC insulated heat resistant flame retardant (HRR) and low smoke single core (flexible) copper conductor cable in existing surface/recessed Steel/PVC conduit as required complete in all respects and to the best satisfaction of Engineer-in-charge. Makes: fireproof/heat/retardant or equivalent	218	Mtr.	357.80	Ruppes Two Hundred NinetySeven Only
4	Supplying and drawing following size PVC insulated heat resistant flame retardant (HRR) and low smoke single core (flexible) copper conductor cable in existing surface/recessed Steel/PVC conduit as required complete in all respects and to the best satisfaction of Engineer-in-charge. Makes: fireproof/heat/retardant or equivalent	52	Mtr.	95.90	Ruppes NinetyFive Only
5	Supplying and drawing following size PVC insulated heat resistant flame retardant (HRR) and low smoke single core (flexible) copper conductor cable in existing surface/recessed Steel/PVC conduit as required complete in all respects and to the best satisfaction of Engineer-in-charge. Makes: fireproof/heat/retardant or equivalent	30	Mtr.	218.90	Ruppes Two Hundred Eighteen Only
6	Supplying and fixing metal box of 150mm/100mm/100mm deep (normal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 50 amp socket outlet and 50 amp, plastic type switch, connections, painting etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Makes: anker/ask/goldmetal or equivalent	17	No.	354.00	Ruppes Three Hundred Four Only
7	Supplying and fixing metal box of 150mm/100mm/100mm deep (normal size) on surface/recess with suitable size phenolic laminated sheet cover in the front including providing and fixing 5 pin 15/15 amp socket outlet and 15/15 amp, plastic type switch, connections, painting etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Makes: anker/ask/goldmetal or equivalent	38	No.	480.00	Ruppes Four Hundred Eighty Only
8	Supplying and erection of 6-amps, 10/30-amps, rating, 50 KA breaking capacity, 240 volts, 12" curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. Makes: Bussbar/switch	14	No.	281.00	Ruppes Two Hundred EightyOne Only
9	Supplying and laying 6 SWG G.I. wire at 0.90 mtr. below ground level for earth electrode conductor, including soldering etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	20	Mtr.	45.00	Ruppes FourFifty Only

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9	Supplying & fixing 20 Watt LED High quality design PC surface with decorative and caps complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge.	25	Mts	887.00	Rs. Four Hundred EightySeven Only	Each	22175.00
	Make:- Jaquar (Base LED Surface PC) (Cat No. LGL2PC80000) (C&S/Comphensive) or Equivalent						
10	Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. <u>Make:- Jaquar (Base LED Surface PC) (Cat No. LGL2PC80000) (C&S/Comphensive) or Equivalent</u>	2	Mts	2234.00	Rs. Two Thousand Two Hundred TwentyFour Only	Each	4468.00
11	Supplying & fixing DOWN LIGHT 12W light with aluminium housing, complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. <u>Make:- Jaquar (Base LED Surface PC) (Cat No. LGL2PC80000) (C&S/Comphensive) or Equivalent</u>	11	Mts	1586.00	Rs. One Thousand EightySix Only	Each	17446.00
12	Supplying & fixing 30 Watt Surface mounted LED panel made from extruded aluminium housing/surface (21 x 21) complete with all accessories, connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge. <u>Make:- Jaquar (Base LED Surface PC) (Cat No. LGL2PC80000) (C&S/Comphensive) or Equivalent</u>	8	Mts	4151.00	Rs. Four Thousand One Hundred FiftyOne Only	Each	33208.00
	Make:- Jaquar (Base LED Surface PC) (Cat No. LGL2PC80000) (C&S/Comphensive) or Equivalent						
	Total						86532.00

Draft Schedule of Quantity checked and approved for RS. 258322/only.

W
 Engineer,
 Electrical Division,
 MP PWD, Mumbai.

Job No. 31

Job No - 31

Job - 31	Estimated Cost: Rs. 204435/- only Harvest Money: Rs. 2000/- only Time: Along with civil work
Billed Schedule Of Materials	
NAME OF WORK: Providing Cables and Main Control Switches and Cables for VVV Systems at Sagar Hospital at Sagar Dist Mandi (H.P)	
Description	Rate
Qty	Units
In figure	In words
1. Providing and laying of one No. aluminum conductor, PVC insulated and PVC sheathed, armoured XLPE power cable, working voltage 11KV volts grade fixed in ground, to be laid 1 meter below the ground level including excavation and refilling the trench etc as required, but excluding sand cushioning and protective coating complete in all respect. Make : Pisco, KES, Kent	
30	Meters
435.00	Rupees Four Hundred ThirtyNine Only
	Per Meter
	13170.00
2. Armoured cable 25 sq. mm (3.5 core)	
20	Meters
2268.00	Rupees Two Thousand Two Hundred EightyEight Only
	Per Meter
	45360.00
3. Armoured cable 240 sq. mm (3.5 core)	
80	Meters
302.00	Rupees Three Hundred SixtyTwo Only
	Per Meter
	24160.00
4. Providing, laying and fixing of one No. aluminum conductor, PVC insulated and PVC sheathed, armoured XLPE power cable, working voltage 11KV volts grade on surface etc. of the required size complete in all respect. Make : Pisco, KES, Kent	
70	Meters
2102.00	Rupees Two Thousand One Hundred EightyTwo Only
	Per Meter
	147140.00
5. Armoured cable 25 sq. mm (3.5 core)	
2	Meters
2380.00	Rupees Two Thousand Three Hundred Two Only
	Each
	4760.00
6. Armoured cable 240 sq. mm (3.5 core)	
4	Meters
1236.00	Rupees One Thousand Two Hundred ThirtySix Only
	Each
	4944.00
7. Supplying and erection of 40/100/80 amp rating, 15 KA breaking capacity, 240 volts, 12 poles, miniature circuit breaker of following poles in the existing MCCB DB complete with connections etc. as required complete in all respect. Make : L&T/Novella, Legrande	
2	Meters
3204.00	Rupees Three Thousand Two Hundred NinetyFour Only
	Each
	6408.00
8. Supplying and fixing following rating, four pole (three phase & neutral, 415 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamperes in the existing MCCB DB complete with connections, testing and commissioning etc. as required complete in all respect. Make : L&T/Novella, Legrande	
2	Meters
3204.00	Rupees Three Thousand Two Hundred NinetyFour Only
	Each
	6408.00

31

	40 Amps, Cat-A						
5	Supplying and erection of 4000000 amp 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 complete in all respect. Make : L&T, Havells, Legrande	2	Nos.	2725.00	Rupees Two Thousand Seven Hundred Twenty Only	Each	5450.00
	Double pole, Cat-A						
6	Supplying and erection of 6 amperes to 32 amperes 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 complete in all respect. Make : L&T, Havells, Legrande	4	Nos.	258.00	Rupees Two Hundred FiftyEight Only	Each	1032.00
	Single pole, Cat-A						
7	Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / racks, complete with tinned copper bus-bar, wire set, neutral bar, earth bar, di-bar, detachable gland plate, blanking plate, cable identification labels and connections, phosphatized and powder painted, including earthing etc. as required complete in all respect. Make : L&T, Havells, Legrande	2	Nos.	2000.00	Rupees Two Thousand Five Hundred Three Only	Each	4000.00
	Double door-12 way						
8	Earthing with copper earth plate 600 mmx600 mm 3 mm thick, including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. / bar without chemical or coke and salt / complete as required complete in all respect.	2	Nos.	10180.00	Rupees Ten Thousand One Hundred Ninetyfive Only	Each	20360.00
9	Costs for setting salt and chemical for G.I. or copper plate earth electrode complete as required complete in all respect.	2	Nos.	2040.00	Rupees Two Thousand Fourty Only	Each	4080.00
10	Supplying and laying 8 SWG Copper wire of 0.52 mm. below ground level for earth electrode conductor, including soldering etc. as required complete in all respect.	50	Nos.	220.00	Rupees Two Hundred Three Only	Each	11000.00
11	Supplying and fixing 10 Watt LED Bulk head fitting comprising of pressure die cast housing with acrylic diffuser glass complete with all accessories connection wiring commencing etc. as required complete in all respect. Make : Bajaj, Philips, Jaquar	6	Nos.	1374.00	Rupees One Thousand Three Hundred Seventyfour Only	Each	8244.00
	Total						299408.00

Draft Schedule of Quantity checked and approved for RS. 2,99,408/- only.

Executive Engineer
Electrical Division
HPPWD Mandi (H)

D

Job - 32

Job - 32

		Estimated Cost - Rs. 412888/- only Earliest Money - Rs. 8600/- only Time - Along with civil work	
Draft Schedule Of Quantity			
NAME OF WORK:- Co Civil Hospital at Beggaud East, Mandi (H.P.) (SH) Providing Yard Lighting cable, wire in.			
Sl. No.	Description	Qty	Rate
			In figure In words
			Units Amount
1.00	Supplying and erection of 40/50/63 amp rating, 10 KA breaking capacity, 240 volts, C curves, miniature circuit breaker of following poles in the existing MCCB DB complete with connections etc. as required complete in all respect. Make : L&T, Havells, Legrande	2 Nos.	1236.00 Rupees One Thousand Two Hundred ThirtySix Only
2.00	Double pole, Cat-A, Supplying and Erection of campus LED core iron Lumina Pole -140-75 4Mtrs long EVB, Q4 made of die cast aluminium raised including nut and bolts with decorative ornamental double bracket Lumina BKT 2132-500 including fixing of LED hanging fitting 40 Watt (classer 2 Nos. Lumina PT- 168 H fixed on Pole bracket both side 500 x 500 mm, including connection etc. as required complete in all respect as per entire satisfaction of Engineer-in-Charge. Make: Twinkle / Bajaj / K.Lite.	4 Nos.	8230.00 Rupees EightyTwo Thousand Three Hundred Eight Only
3.00	Supplying and erection of Campus LED Post Top lantern duty small 40 watt Lumina ET 101-7400 x 250 mm including connection etc. as required complete in all respect as per entire satisfaction of Engineer-in-Charge. Make: Twinkle / Bajaj / K.Lite.	2 Nos.	14861.00 Rupees Fourteen Thousand Eight Hundred SixtyOne Only
4.00	Providing and laying of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured(0.5) PE 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 complete in all respect. Cable Make : CCI Universal/ Finolex / Polycab / Radicon / Grandlay / KBL.		
4.01	Armoured cable 6 sq. mm (two core)	60 Mtrs	301.00 Rupees Two Hundred SixtyOne Only
4.02	Armoured cable 4 sq. mm (two core)	250 Mtrs	343.00 Rupees Two Hundred FortyThree Only
5.00	Providing, laying and fixing of one No. aluminium conductor, PVC insulated and PVC sheathed, armoured(0.5) PE power cable, working voltage 1100 volts grade on surface etc. of the required size complete in all respect. Cable Make : CCI Universal/ Finolex / Polycab / Radicon / Grandlay / KBL.		
5.01	Armoured cable 6 sq. mm (two core)	50 Mtrs	184.00 Rupees One Hundred EightyFour Only
5.02	Armoured cable 4 sq. mm (two core)	50 Mtrs	166.00 Rupees One Hundred SixtySix Only

6.00	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (PVC) and low smoke single core (flexible) copper conductor cable in existing surface / recessed. Steel/PVC conduit as required complete in all respect. 0.5X 1.5 Sq. mm. Make:- PLAZA / FMOLEX / UNITECH / DANTON / KEL / BRYAN / GEMSCAB / CML	50	Metre	90.00	Rupees Ninety Only	Per Metre	4500.00
7.00	Supplying and fixing of following sizes of PVC conduit along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required complete in all respect. 6.25 mm Dia. Make:- SMC, NIC, AKS	50	Metre	113.00	Rupees One Hundred Thirteen Only	Per Metre	5650.00
8.00	Supplying and fixing of following size single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with laminated copper bus-bar, wire-rod, neutral link, earth bar, din-bar, detachable gland plate, blanking plate, cable identification labels, interconnections, phosphatized and powder painted, including wiring etc. as required complete in all respect. 4 Double Door 4 Way Make:- L&T, Legrand, Siemens	1	No.	1832.00	Rupees One Thousand Six Hundred ThirtyTwo Only	Each	1832.00
9.00	Supplying and fixing of G.I. Pipe 40 mm dia. medium class in underground and setting the trench including all accessories of the required size complete in all respect. Make:- Jindal.	12	Metre	575.00	Rupees Five Hundred SeventyFive Only	Per Metre	6900.00
Total							47286.00

Draft Schedule of quantity checked and approved for RS-472868/only

Executive Engineer
Electrical Division
MPPWD, Mandla

Job No. 33

Estimate		Contract / Job - No. 177001 - 1999			
Project		Project Name - No. 8000 - 1999			
Drawn		Date - Along with 0000 0000			
DRAFT SCHEDULE OF QUANTITY					
Name of Work - Do Legal Aid Office and Providing Additional plug and feeding post in Additional Section Judge-8 in District Court various Main (Part H F) (24) Following S. 1 (Part 2)					
S.No	Description	Qty	Rate	Unit	Amount
			In Figure	In Words	
1.00	Wiring for light point / fan point / exhaust fan / call bell point with 1 S.S. ins. PVC insulated heat resistant flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/underground PVC conduit and feeding the light post with 1 S.S. 50mm HFRH2OPVC insulated single core copper conductor cable as required complete in all respect. (Group C. Cable make - PLAZA / UNITECH / BONTON / KEI / BRYAN / COSMICAR / CMI.	10 Nos	1250.00	Approx One Thousand Two Hundred FiftyRupee Only	Each 12500.00
2.00	Supplying and fixing meter box of 100mm/100mm/100mm deep (normal size) on surface/underground with plastic size phenolic laminated sheet cover in the front including providing and fixing 3 pin 15A single socket outlet and 30 Amps. plastic type switch, connections, painting etc. as required complete in all respect. Make-ESS ESS KAY / COSMOAnchor.	5 Nos	324.00	Approx Three Hundred Four Only	Each 1620.00
3.00	Supplying and fixing meter box of 100mm/100mm/100mm deep (normal size) on surface/underground with plastic size phenolic laminated sheet cover in the front including providing and fixing 3 pin 15A single socket outlet and 30 Amps. plastic type switch, connections, painting etc. as required complete in all respect. Make-ESS ESS KAY / COSMOAnchor.	5 Nos	680.00	Approx Four Hundred Eighty Only	Each 3400.00
4.00	Supplying and fixing meter box of 200 mm/200 mm/175 mm deep with phenolic laminated sheet cover in the front including providing and fixing 3 Nos. 15 pin/15 Amps. Plastic type socket outlet, 3 Nos. 30 Amps. switch connections etc. as required complete in all respect. Make-ESS ESS KAY / COSMOAnchor.	5 Nos	645.00	Approx Two Hundred FortyFive Only	Each 3225.00
5.00	Providing and fixing 30 watt (30w) LED panel made from extruded aluminum housing (Surface / recess / pendant 2' x2' approx. complete with all accessories,connection,feedingand commissioning as required complete in all respect on per entire satisfaction of the Engineer in charge. Make - Wipro / Bajaj / Philips / Jagan / Twinble / Lux Etc.	4 Nos	3037.50	Approx Three Thousand Eight Hundred EightySeven Only	Each 12150.00
6.00	Providing, installation, testing and commissioning of feeding for anti mosquito including wiring the down rods of standard length up to 50 cm with 160.30 mm twin twisted flexible, cotton twisted, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and walling etc. as required complete in all respect. (Cabling for 1200 mm sweep (Category -A) Make - Usha / Bajaj / Anchor Personnel.	4 Nos	2645.00	Approx Two Thousand Six Hundred FortyFive Only	Each 10580.00
7.00	Wiring for circuit/bell chain with following one PVC insulated heat insulated flame retardant (HFR) and low smoke single core (flexible) copper conductor cable in surface/underground PVC conduit along with 1 No.HFRH2OPVC insulated single core copper conductor cable of same size for walling as required complete in all respect. PLAZA / UNITECH / BONTON / KEI / BRYAN / COSMICAR / CMI Cable make.				

7.01	2x1.5 sq mm	100	Metro	112.00	Approx Two Hundred Ten Only	Per Metro	2100.00
7.02	2x2.5 sq mm	75	Metro	266.00	Approx Two Hundred Eighty Only	Per Metro	21450.00
7.03	2x4.0 sq mm	50	Metro	324.00	Approx Three Hundred Twenty Four Only	Per Metro	25200.00
7.04	2x16 sq mm	10	Metro	368.00	Approx Five Hundred Sixty Eight Only	Per Metro	21334.00
8.00	Supplying and erection of 5 amps, 10-50 amps, rating, 10 KA breaking capacity, 240 volts, "C" curves, complete circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respect. 1 Single pole DB, Cat-A. Make L&T / LEGRAND / SIEMENS.	15	Per	281.00	Approx Two Hundred Eighty One Only	Each	4215.00
9.00	Supplying and erection of 400/500A amps rating, 10 KA breaking capacity, 240 volts, "C" curves, complete circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respect. 1 Double pole DB, Cat-A. Make L&T / LEGRAND / SIEMENS.	2	Per	1370.00	Approx One Thousand Three Hundred Twenty Only	Each	2540.00
10.00	Supplying and fixing of following wire, single core and neutral steel wire MCB distribution board, 240 volts, on surface / recess, complete with lined copper bus-bar, external, terminal bar, 4x16/11, 30 mm, finished in galv plate, marking plate, cable, identification labels, interconnections, chaps/painted and powder painted, including everything etc. as required complete in all respect. Make L&T / LEGRAND / SIEMENS.	1	Per	2183.00	Approx Two Thousand One Hundred Ninety Three Only	Each	2183.00
10.01	Check in door 8 way	1	Per	2003.00	Approx Two Thousand Five Hundred Three Only	Each	2003.00
10.02	Check in door 12 way	1	Per	244.00	Approx Five Hundred Forty Four Only	Each	244.00
11.00	Supplying and fixing of 31 RJ-45 ports for Cat-5 ports, including connections, etc. as required complete in all respect as per entry submission of Engineer in Charge.	100	Metro	84.00	Approx Eighty Four Only	Per Metro	8400.00
11.01	Supplying and fixing of Cat-5 cables of approved make as required complete in all respect and as directed by the Engineer in Charge.	75	Metro	82.00	Approx Sixty Two Only	Per Metro	6150.00
11.02	Procuring and fixing of following sizes of PVC conduit along with the accessories at surface / recess, including cutting the wall and making good the same in case of recessed conduit as required complete in all respect as per entry submission of Engineer in Charge. 1 25 mm, etc. Make ANGI SEC / NCI Deytest.	25	Metro	127.00	Approx One Hundred Twenty Seven Only	Per Metro	2175.00

Job No. 34

Job No.		Estimated Cost - Rs. 120,000/- only				
		Current Money - Rs. 2000/- only				
		Time - One Month				
Draft Schedule of quantity						
R.O.W. :- R/W of E.I accessories of various non-residential buildings at SUDHAKAR for Chavak Black Maud (HP) (V):- Replacement & maintenance of damaged E.I accessories in Medical College block A & accessories of block ESI						
S.N.	Description	Qty	Rate in Rupees	Rate in words Rupees	Unit	Amount
1	S/T 9 Amps suitable to link or more rotating shape mechanically drive motor of air handling unit and shaver as source of motion to transmit power efficiently or track relative durability with more strength as require by Engineer-in-Charge complete in all respects. Make Centimeter Power.					
1.01	820	10	341.00	Rupees Three Hundred FortyOne Only	Each	3410.00
1.02	830	10	345.00	Rupees Three Hundred FortyFive Only	Each	3450.00
1.03	832	10	371.00	Rupees Three Hundred SeventyOne Only	Each	3710.00
1.04	834	10	383.00	Rupees Three Hundred EightyThree Only	Each	3830.00
1.05	840	10	377.00	Rupees Three Hundred SeventySeven Only	Each	3770.00
1.06	880	10	1490.00	Rupees Seven Hundred FortyNine Only	Each	14900.00
2	Providing and fixing of LED Tube Rod exceeds 75-1. 40% with down plug of 18 Watt having Cat No. 156/505 3000K of Make Philips in the existing tube fixture as required complete in all respects. Make Philips, Havells, Crompton Greaves etc. as approved by Engineer-in-charge.					
2.01	LED Tube 18 W Rod	80	633.00	Rupees Six Hundred ThirtyThree Only	Each	50640.00
2.02	LED Tube 18 W Rod	80	580.00	Rupees Five Hundred EightySix Only	Each	46400.00
Total =						125280.00

Draft schedule of quantity checked and approved for Rs. 1,25,180/- only.

Executive Engineer,
Electrical Division,
HPPWD, Bhand (HP).

Job No. 35

				Estimated Cost: Rs. 28000/- only.		
				Earliest Month: Rs. 3000/- only.		
				Time: Two Months		
Draft Schedule of quantity						
NAME OF WORK: R/M of 44 accessories of various non-residential buildings at SICHOLKOT for Chowk Bhatt Road (DP) (V) Replacement & maintenance of damaged accessories in Hospital ground, First floor & below (RMD therein)						
S.N.	Description	Qty	Rate in Figure	Rate in words Rupees	Unit	Amount
1	Supplying and drawing following size of PVC insulated, heat resistant, flame retardant (HRR) and low smoke single core (flexible) copper conductor cable in existing surface / recessed, Bare/PVC conduit as required.					
1.01	1x1.5 Sq.mm.	200	mtr	58	Rupees Fifty eight only	mtr 11600
1.02	1x4.5 Sq.mm.	200	mtr	43	Rupees Forty three only	mtr 8600
1.03	1x6.5 Sq.mm.	50	mtr	58	Rupees Fifty eight only	mtr 2900
2	Providing and fixing of surface mounted Luminare LED 20 Watt batten having high Quality design aluminium extruded decorative end caps and it should be compatible with specification i.e. Power Factor > 0.9, Harmonic Distortion < 10% and efficiency > 100 Lumens per watt, CR> 80 suitable for input voltage AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning, unless required. Make - Philips(BN0211,LED2556500PS0 (GR51),Havell,Crompton or its equivalent as approved by Engineer-in-charge.	120	each	854	Rupees eight hundred fifty four only	each 102480
3	Supplying and fixing bakelite batten/angle holder including connections etc. as required.	55	each	69	Rupees sixty nine only	each 3795
4	Supplying and fixing LED Lamp 9 watt Havell's make of base cap B-22 having Cat No LHLDGUEUWLB8009 6500 k in the existing Batten holder, Pendant holder, wall bracket as required complete in all respect. Make Havell's, Philips, Crompton etc.	76	each	208	Rupees Two hundred eight only	each 15808

5	Supplying and fixing following rating Modular switch /socket in the existing switch box / cover plate including connections etc. as						
5.01	5/6 amps. 1-way Modular switch	60	each	58	Rupees Fifty eight only	each	3480
5.02	15/16 amps. 1-way Modular switch	60	each	109	Rupees one hundred nine	each	6540
5.03	5 pin 5/6 amps. Modular socket outlet	30	each	116	Rupees one hundred sixteen only	each	3480
5.04	6 pin 15/16 amps. Modular socket outlet	30	each	167	Rupees one hundred sixty seven only	each	5010
6	Supplying & fixing of G.I. modular boxes of following sizes along with modular base and cover plate for modular switches in recess as required:-						
6.01	3 Module	40	each	76	Rupees seventy six only	each	3040
6.02	6 module	30	each	125	Rupees one hundred twenty five only	each	3750
7	Providing and fixing of LED Tube Rod retrofit P.L. 4pin with direct plug of 18 Watt having Cat No. 18w/865 6500K of Make Philips in the existing tube fixture as required complete in all respects. Make Philips, Havell's, Crompton Grooves etc. as approved by Engineer-in-						
7.01	LED Tube 18 W Rod	120	each	633	Rupees six hundred thirty three only	each	75960
7.02	LED Tube 10 W Rod	60	each	586	Rupees five hundred eighty six only	each	35160
	Total						280355

Draft Estimate of quantity
 checked and approved
 by Rs. 280355/- only
 Executive Engineer,
 Electrical Division Mandi,
 Distt. Mandi HP