

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No:- PW-Elect. MND-TA-NIT/2025:-

6345-69

Dated:- 16-10-25

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.

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

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 (MZ), HP.PWD., Mandi.
4. The Superintending Engineer 1st Electrical Circle, HP.PWD., Shimla H.P.
5. The Executive Engineer (IT) O/o Engineer-in-Chief, HP.PWD., Shimla through email (eeict-pwd-shi@hp.gov.in) a/w copies of schedule of quantities for uploading the same on HP.PWD., web portal.
6. The Sub-Divisional Officer (Civil) Mandi Distt. Mandi H.P.
7. All the Assistant Engineer (Electrical), under this Division.
8. All the Head of Branches in this office.
9. Notice Board.

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

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

"NOTICE INVITING TENDER"

Sealed **Percentage rate** tender on form "6&8" 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 **24.10-2025 upto 3.00 P.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 the tenders will be open on next working day. The application for obtaining the tender form will be received up to **11:00 A.M. on 24-10-2025** 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.

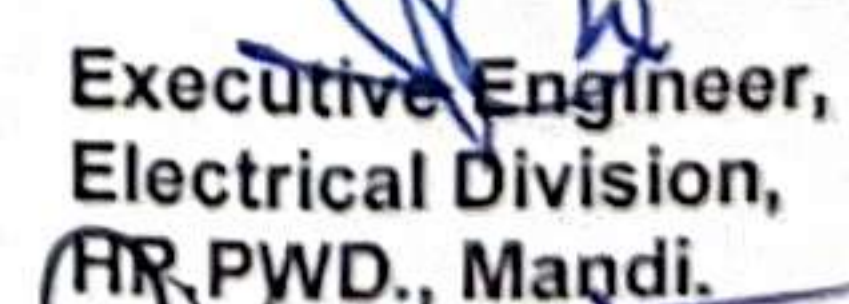
The earnest money in the shape of FDR National Saving Certificate/Time deposit accounts/Saving account in any of the Post Office and Banks of Himachal Pradesh duly pledged in favour of the Executive Engineer must accompany with each tender. Conditional tender and the tender received without earnest money will summarily be rejected. The earnest money should be attached with application. The offer of the tender shall be kept open for **90 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 Additional Toilets Distt. Library Kullu Distt. Kullu (HP). (Providing E.I. therein) | 80,178 | 1,625 | 350 | A/w civil work | C&D |
| 2 | R/M of E.I. Accessories of various non-residential building at SLBSGMC&H Nerchowk Distt. Mandi (HP) (SH:- Replacement & maintenance of damaged E.I. accessories/worn out switch, socket, light fixture, LED Bulb batten holder in Children and Eye ward of Hospital building) | 97,395 | 1,950 | 350 | One month | C&D |
| 3 | Replacement of old wiring in police post at Sissu Distt. L&S | 99,118 | 2000 | 350 | One Month | C&D |
| 4 | R/M of E.I. Accessories of various non-residential building at SLBSGMC&H Nerchowk Distt. Mandi (HP) (SH:- Replacement & maintenance of damaged E.I. accessories/worn out switch, socket, light fixture in Niccu Piccu ward /Corridor of Fifth floor) | 99,995 | 2000 | 350 | One Month | C&D |
| 5 | R/M of E.I. Accessories of various non-residential building at SLBSGMC&H Nerchowk Distt. Mandi (SH:- Replacement & maintenance of damaged high mast light & flood light of sports ground)) | 94,068 | 1900 | 350 | 15 days | C&D |
| 6 | R/M of E.I. Accessories of various residential building at SLBSGMC&H Nerchowk Distt. Mandi (HP) (SH:- Replacement & maintenance of damaged E.I. accessories worn out switch, socket, safety devices, light fixture in Nursing student Hostel in various blocks) | 92,210 | 1,850 | 350 | 15 days | C&D |
| 7 | R/M of E.I. Accessories of hospital building at SLBSGMC&H Nerchowk Distt. Mandi (HP) (SH:- Replacement & maintenance of damaged light fixture in various floors of Hospital building) | 97,290 | 1,950 | 350 | 15 days | C&D |
| 8 | R/M of E.I. in various Govt. Non Residential Building in Local section-I under ESD Mandi Distt. Mandi (HP). | 81,409 | 1,650 | 350 | One Month | C&D |
| 9 | R/M of E.I. in various Govt. N/R Building under Electrical Sub-Division Mandi HP Rest House Barot Joginder Nagar HP.PWD. (SH:- replacement of old and worn out CFL/Accessories with LED/New accessories in HP.PWD., Rest House Barot therein). | 88,167 | 1,800 | 350 | Two Months | Le&D |

It is, certified that the above tenders i.e. Sr. No. 1to9 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).

- The Contractor/Firm should be enlisted with the HP.PWD. Electrical (Wing) Department having valid Electrical License & Registration/Renewal copy attached.
- The tender forms will not be issued to those contractors whose performance is not found satisfactory.
- 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.
- Only two tenders shall be issued to each contractor.**
- The rates must be quoted in **percentage (Above/Below)** to the amount put to tender both in figures as well as in words otherwise tender will not be considered.
- 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.
- The contractor/firm shall be issued tenders on the production of valid GST/EPF/Income Tax clearance certificate/copy attached.
- 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).
- As per Govt. Notification No.PBW (B)A(3)1/2020-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).


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

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|--|---|------|---------|---------|---|
| <p>5</p> <p>Supplying and fixing following rating, followings poles 10ka 240/415v 'C' curves miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge i) 40 A DP Make:- Havells,ABB,Legrand,L&T,schneider,C&S</p> | 1 | Each | 1330.00 | 1330.00 | Rupees One Thousand Three Hundred Thirty Only |
| <p>6</p> <p>Supplying and fixing following rating, following pole, (single phase and neutral), 240/415 V (four pole), residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge i) 40 A DP Make:- Havells, ABB, Legrand, L&T, schneider,C&S</p> | 1 | Each | 2729.00 | 2729.00 | Rupees Two Thousand Seven Hundred TwentyNine Only |
| <p>7</p> <p>S/E of LED Downlighter(surface)round type with CRCA/PDC body and diffuser The fitting should be installed on existing surface/recess The job includes carriage, erection, making connections testing and commissioning of the fittings. as required complete in all respects and to the best satisfaction of Engineer-in-charge Make:- bajaj,havells,panasonic,Philips,Wipro,LT,Changi</p> <p>Specification of LED fittings:</p> | | | | | |
| <p>A.</p> <p>Wattage of LED fittings As per following parameter.</p> | | | | | |
| <p>B</p> <p>Lumen output of the fitting as below</p> | | | | | |
| <p>C</p> <p>Diffuser Polycarbonate diffuser/PMMA</p> | | | | | |
| <p>D</p> <p>Operating voltage 140 V to 270 V, AC supply or better.</p> | | | | | |
| <p>E</p> <p>Input frequency 50 Hz + 1 Hz</p> | | | | | |
| <p>F</p> <p>Power factor Minimum 0.90</p> | | | | | |
| <p>G</p> <p>Luminaire efficacy >100 lm/w</p> | | | | | |
| <p>H</p> <p>Color rendering index CRI shall be greater than 80</p> | | | | | |
| <p>I</p> <p>Working/ operating temperature 00 to + 450c or better</p> | | | | | |
| <p>J</p> <p>Color temperature 60000K + 10%</p> | | | | | |
| <p>K</p> <p>Electronic Driver</p> | | | | | |
| <p>i)</p> <p>Drive current (LED) As per OEM.</p> | | | | | |
| <p>ii)</p> <p>Operating voltage 140 V to 270 V, AC supply or better.</p> | | | | | |
| <p>iii)</p> <p>Type of driver Constant current output driver</p> | | | | | |
| <p>iv)</p> <p>THD Less than 10%</p> | | | | | |
| <p>v)</p> <p>Surge Protection 2.5 KV minimum</p> | | | | | |
| <p>vi)</p> <p>Efficiency Driver >85%</p> | | | | | |
| <p>vii)</p> <p>Protection Shall have under voltage and over voltage protection.</p> | | | | | |

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|------|---|---|------|---------|----------|--|--|
| L | Guarantee of LED fittings including LED driver 2 years against manufacturing defect. | | | | | | |
| M | Fixture Should comply with LM 79 test from UL/NABL lab. | | | | | | |
| N | LED Type/ Make/ Model Power CREE/ OSRAM/ NICHIA/ Philips LUMILED with life more than 50,000 burning hours @70% lumen maintenance complying with LM 80 test report from the manufacturer. | | | | | | |
| O | Life of LED 50000 burning hours at 70% lumen maintenance | | | | | | |
| | Description | | | | | | |
| | Lumen output of the fitting Rate | | | | | | |
| | LED Downlighter round type recess>1200 LUMENS | 8 | Each | 1891.00 | 15128.00 | | Rupees Fifteen Thousand One Hundred TwentyEight Only |
| 8 | S/E of LED bulk head IP 66 rated with aluminium body/PDC housing The fitting should be installed on existing surface The job includes carriage, erection, making connections testing and commissioning of the fittings as required complete in all respects and to the best satisfaction of Engineer-in-charge .Make:- bajaj, havells, panasonic, Philips,Wipro,LT,Changi | | | | | | |
| | Specification of LED fittings: | | | | | | |
| A. | Wattage of LED fittings As per following parameter. | | | | | | |
| B. | Total lumens of the fittings. as below | | | | | | |
| C | Diffuser Polycarbonate diffuser/PMMA | | | | | | |
| D | Operating voltage 140 V to 270 V, AC supply or better. | | | | | | |
| E | Input frequency 50 Hz + 1 Hz | | | | | | |
| F | Power factor Minimum 0.90 | | | | | | |
| G | Luminaire efficacy >100 lm/w | | | | | | |
| H | Color rendering index CRI shall be greater than 80 | | | | | | |
| I | Working/ operating temperature 00 to + 450c or better | | | | | | |
| J | Color temperature 60000K + 10% | | | | | | |
| K | Electronic Driver | | | | | | |
| i) | Drive current (LED) As per OEM. | | | | | | |
| ii) | Operating voltage 140 V to 270 V, AC supply or better. | | | | | | |
| iii) | Type of driver Constant current output driver | | | | | | |
| iv) | THD Less than 10% | | | | | | |
| v) | Surge Protection 2.5 KV minimum | | | | | | |

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|-----|---|---|------|---------|----------|--|--|--|
| vi) | Efficiency Driver >85% | | | | | | | |
| vi) | Protection Shall have under voltage and over voltage protection. | | | | | | | |
| L | Guarantee of LED fittings including LED driver 2 years against manufacturing defect. | | | | | | | |
| M | Fixture Should comply with LM 79 test from UL/NABL lab. | | | | | | | |
| N | LED Type/ Make/ Model Power CREE/ OSRAM/ NICHIA/ Philips LUMILED with life more than 50,000 burning hours @70% lumen maintenance complying with LM 80 test report from the manufacturer. | | | | | | | |
| O | Life of LED50000 burning hours at 70% lumen maintenance | | | | | | | |
| | LED Bulk head >800 LUMENS | 4 | Each | 1126.00 | 4504.00 | Rupees Four Thousand Five Hundred Four Only | | |
| 9 | Providing and installation exhaust fan of following sizes in the existing opening, Double ball bearing type metal frame 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 .i) Exhaust Fan, Light duty, (Domestic) 225/230 mm sweep Make:-atomberg ,Havells, Orient, Gold Medal,Bajaj | 4 | Each | 2156.00 | 8624.00 | Rupees Eight Thousand Six Hundred TwentyFour Only | | |
| 10 | Supplying & fixing High performance 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. j) LED Street light 25W Make:-bajaj,havells,panasonic,Philips,Wipro,LT,Changi | 2 | Each | 3022.00 | 6044.00 | Rupees Six Thousand FourtyFour Only | | |
| | Total | | | | 80178.00 | Rupees Eighty Thousand One Hundred SeventyEight Only | | |

Draft schedule of Quantity checked and approved for RS. 80178/- only

Executive Engineer,

Electrical Division,

HPPWD Mandi (HP),

[Signature]

Job No. 2

56

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|------|---------------------------------|
| Job- | Estimated Cost:- Rs97395/-only. |
| | Earnest Money :- Rs.1950/-only. |
| | Time :- One Month |

Draft Schedule of Quantity

Name of work:- R/M of E.I accessories of various non-residential buildings at SLBSGMC&H Ner Chowk Distt Mandi [HP] (SH:- Replacement & maintenance of damaged E.I. accessories/ worn out Switch,Socket,Light fixture , LED Bulb Batten Holder in Childern and Eye Ward ward of hospial building).

| Sr. No. | Description | Qty. | Units | Estimated rate with all taxes including GST etc. In Rs. P | Total amount with all taxes including GST etc. In Rs. P | Total amount with all taxes including GST etc. In words |
|---------|---|------|-------|---|---|---|
| 1 | Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required complete in all respects per entire satisfaction of the Engineer in charge. Make:-Havells (REO) (Athena),Goldmedal (Air) (GIFa), Anchor (Penta), Legrand (arteor),L&T(Entice) | | | | | |
| 1.01 | 3 Module | 30 | each | 132.00 | 3960.00 | Rupees Three Thousand Nine Hundred Sixty Only |
| 1.02 | 6 module | 30 | each | 164.00 | 4920.00 | Rupees Four Thousand Nine Hundred Twenty Only |
| 2 | Supplying and fixing following rating Modular switch /socket in the existing switch box / cover plate including connections etc. as required complete in all respects as per entire satisfaction of the Engineer in charge. Make:-Havells (REO) (Athena), Goldmedal (Air) (GIFa),Anchor(Penta),Legrand (arteor),L&T(Entice) | | | | | |
| 2.01 | 5/6 amps switch | 50 | each | 88.00 | 4400.00 | Rupees Four Thousand Four Hundred Only |
| 2.02 | 5/6 A socket | 50 | each | 114.00 | 5700.00 | Rupees Five Thousand Seven Hundred Only |
| 2.03 | 15/16 A switch | 50 | each | 143.00 | 7150.00 | Rupees Seven Thousand One Hundred Fifty Only |
| 2.04 | 6 pin 15/16 A socket outlet | 50 | each | 186.00 | 9300.00 | Rupees Nine Thousand Three Hundred Only |
| 3 | Supplying and fixing PVC batten/ angle holder including connections etc. as required.Make:-Penta Anchor,Havells, ABB,Legrand,L&T,Schneider,C&S. | 30 | each | 89.00 | 2670.00 | Rupees Two Thousand Six Hundred Seventy Only |

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|------|--|----|------|--------|----------|---|
| 4 | Prov. & fixing of LED bulb 9 Watt having cat no. LHLDEUECNL8R009 945 6500 K in the existing holder as required complete in all respects as per entire satisfaction of the Engineer in charge. Make:-bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Changi | 50 | each | 267.00 | 13350.00 | Rupees Thirteen Thousand Three Hundred Fifty Only |
| 5 | Prov. & fixing of LED lamp PL-L 4 pin with direct plug of 18 watt having cat no. LED PL-L 18 W, 6500 K 2G11 of Make PHILIPS in the existing fixture as reqd. complete in all respect Make Philips, Havell, Crompton Greaves etc. as approved by the Engineer -in - charge. Make:-bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Changi | | | | | |
| 5.01 | LED Tube 18 W Rod | 45 | each | 532.00 | 23940.00 | Rupees TwentyThree Thousand Nine Hundred Fourty Only |
| 6 | Prov. & fixing of LED STICK lamp -2 pin with direct plug of 10 watt having cat no. LV STICK 10 WATT / 865 220 - 240 VG 24 D of MAKE OSRAM fixture as reqd. complete in all respect. Make OSRAM Philips, Havell, Crompton Greaves etc. as approved by the Engineer -in - charge. Make:-bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Changi | | | | | |
| 6.01 | LED Tube 10 W Rod | 45 | each | 489.00 | 22005.00 | Rupees TwentyTwo Thousand Five Only |
| | | | | | 97395.00 | Rupees NinetySeven Thousand Three Hundred NinetyFive Only |
| | | | | | | Total = |

Draft schedule of quantity checked and approved for Rs. 97,395/- only.


Executive Engineer,
Electrical Division,
HPPWD Mandi (HP)

Job No. 3

2
22

Job-

Estimated Cost:- Rs.99118 /-only.

Earnest Money :- Rs.2000/-only.

Time :- One Month

Draft SCHEDULE OF QUANTITY

Name of work:- Replacement of old wiring in Police ^{Post} ~~Station~~ at Sissu Distt. L&S

| Sr. No. | Description | Qty. | Units | Estimated rate with all taxes including GST ect. In Rs. P | Total amount with all taxes including GST ect. In Rs. P | Total amount with all taxes including GST ect. In words |
|---------|--|------|-----------|---|---|---|
| 1.00 | Rewiring for light point/ fan point/exhaust fan point/call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable and 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel conduit including dismantling as required. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX. | 25 | Each | 739.00 | 18475 | Rupees Eighteen Thousand Four Hundred SeventyFive Only |
| 2.00 | Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required. Make:- :Anchor, Cona, SSK | | | | | |
| i | S.P. 5/6 amps, one way Piano switch, ISI marked | 8 | Each | 41.00 | 328 | Rupees Three Hundred TwentyEight Only |
| iii | S.P. 5/6 amps, one way Piano socket ISI marked | 8 | Each | 55.00 | 440 | Rupees Four Hundred Fourty Only |
| 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 5/6 amps socket outlet and 5/6 amps, piano type switch, connections, painting etc. as required.required. Make : :Anchor, Cona, SSK | 9 | Each | 441.00 | 3969 | Rupees Three Thousand Nine Hundred SixtyNine Only |
| 4.00 | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. Cable Make : PLAZA / UNITECH / BONTON / KEI / BIYANI / GEMSCAB / CMI / FENOLIX. | | | | | |
| i | 3x1.5 Sq. mm. | 90 | Per Metre | 93.00 | 8370 | Rupees Eight Thousand Three Hundred Seventy Only |
| ii | 3x4.0 Sq. mm. | 105 | Per Metre | 205.00 | 21525 | Rupees TwentyOne Thousand Five Hundred TwentyFive Only |
| iii | 4x4 Sq. mm. | 45 | Per Metre | 274.00 | 12330 | Rupees Twelve Thousand Three Hundred Thirty Only |
| 5.00 | Supplying and fixing bakelite batten/angle holder including connections etc. as required:- Make:-:Anchor, Cona, SSK | 4 | Each | 89.00 | 356 | Rupees Three Hundred FiftySix Only |

| | | | | | | | | |
|-------|---|----|-----------|---------|-----------------|---|--|--|
| 6.00 | 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. | | | | | | | |
| | SP Cat-A | | | | | | | |
| | | 14 | Each | 241.00 | 3374 | Rupees Three Thousand Three Hundred SeventyFour Only | | |
| 7.00 | 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. | 2 | Each | 1479.00 | 2958 | Rupees Two Thousand Nine Hundred FiftyEight Only | | |
| | Double pole. Cat-A. | | | | | | | |
| 8.00 | 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:- 12way DD Make : L&T / Legrand / Siemens | 2 | Each | 2570.00 | 5140 | Rupees Five Thousand One Hundred Fourty Only | | |
| 9.00 | Supplying and fixing call bell/ buzzer suitable for single phase, 230 V, complete as required.Make:- Anchor, Cona, SSK | 4 | Each | 91.00 | 364 | Rupees Three Hundred SixtyFour Only | | |
| 10.00 | Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required. | 1 | Each | 6458.00 | 6458 | Rupees Six Thousand Four Hundred FiftyEight Only | | |
| 11.00 | Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required. | 30 | Per Metre | 42.00 | 1260 | Rupees One Thousand Two Hundred Sixty Only | | |
| 12.00 | Supplying & fixing LED TUBE 20 W,PC 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. MakeJaquar/Twinkle/ Bajaj/ Panasonic. | 21 | Each | 631.00 | 13251 | Rupees Thirteen Thousand Two Hundred FiftyOne Only | | |
| 13.00 | Supplying and fixing LED bulb 9 watt in existing holder as required complete in all respect. MakeJaquar/Twinkle/ Bajaj/ Panasonic. | 4 | Each | 130.00 | 520 | Rupees Five Hundred Twenty Only | | |
| | Total | | | | 99118.00 | Rupees NinetyNine Thousand One Hundred Eighteen Only | | |

Draft schedule of quantity checked and approved for Rs. 99,118/- only.

Healy

Executive Engineer,
Electrical Division,
HPPWD Mandi (HP)

Job No. 4

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| Job- | | Estimated Cost:- Rs.99955/-only. |
| | | Earnest Money :- Rs.2000/-only. |
| | | Time :- One Month |

Draft Schedule of Quantity



Name of work:- R/M of E.I accessories of various non-residential buildings at SLBSGMC&H Ner Chowk Distt Mandi [HP] (SH:- Replacement & maintenance of damaged E.I. accessories/ worn out Switch,Socket,Light fixture in Niccu Piccu ward/Corridor of fifth floor).

| Sr. No. | Description | Qty. | Units | Estimated rate with all taxes including GST etc. In Rs. P | Total amount with all taxes including GST etc. In Rs. P | Total amount with all taxes including GST etc. In words |
|---------|--|------|-------|---|---|---|
| 1 | Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required complete in all respects per entire satisfaction of the Engineer in charge. Make:-Havells (REO) (Athena) ,Goldmedal(Air)(GIFa),Anchor(Penta),Legrand (arteor),L&T(Entice) | | | | | |
| 1.01 | 3 Module | 50 | Each | 132.00 | 6600.00 | Rupees Six Thousand Six Hundred Only |
| 1.02 | 6 module | 50 | Each | 164.00 | 8200.00 | Rupees Eight Thousand Two Hundred Only |
| 2 | Supplying and fixing following rating Modular switch /socket in the existing switch box / cover plate including connections etc. as required complete in all respects as per entire satisfaction of the Engineer in charge.Make:-Havells (REO) (Athena), Goldmedal(Air) (GIFa), Anchor (Penta), Legrand (arteor),L&T(Entice) | | | | | |
| 2.01 | 5/6 amps switch | 45 | Each | 88.00 | 3960.00 | Rupees Three Thousand Nine Hundred Sixty Only |
| 2.02 | 5/6 A socket | 45 | Each | 114.00 | 5130.00 | Rupees Five Thousand One Hundred Thirty Only |
| 2.03 | 15/16 A switch | 45 | Each | 143.00 | 6435.00 | Rupees Six Thousand Four Hundred ThirtyFive Only |
| 2.04 | 6 pin 15/16 A socket outlet | 45 | Each | 186.00 | 8370.00 | Rupees Eight Thousand Three Hundred Seventy Only |
| 3 | Prov. & fixing of LED lamp PL-L 4 pin with direct plug of 18 watt having cat no. LED PL-L 18 W , 6500 K 2G11 of Make PHILIPS in the existing fixture as reqd. complete in all respect Make Philips , Havell, Crompton Greaves etc. as approved by the Engineer in charge. Make:-bajaj, havells, Goldmedal,panasonic,Philips,Wipro,Changi | | | | | |
| 3.01 | LED Tube 18 W Rod | 60 | Each | 532.00 | 31920.00 | Rupees ThirtyOne Thousand Nine Hundred Twenty Only |

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| | | | | | | | |
|------|---|----|------|--------|----------|--|--|
| 4 | Prov. & fixing of LED STICK lamp -2 pin with direct plug of 10 watt having cat no. LV STICK 10 WATT / 865 220 - 240 VG 24 D of MAKE OSRAM fixture as reqd. complete in all respect .Make OSRAM Philips , Havell, Crompton Greaves etc. as approved by the Engineer -in - charge. Make:bajaj,havells,Goldmedal,panasonic,Philips,Wipro,Changi | | | | | | |
| 4.01 | LED Tube 10 W Rod | 60 | Each | 489.00 | 29340.00 | Rupees TwentyNine Thousand Three Hundred Fourty Only | |
| | Total | | | | 99955.00 | Rupees NinetyNine Thousand Nine Hundred FiftyFive Only | |

Draft Schedule of quantity checked and approved for Rs. 99955/- only.


Executive Engineer,
Electrical Division,
HPPWD Mandi (HP)


Job No. 5

Job-

Estimated Cost:- Rs. 94068/-only.

Earnest Money :- Rs. 1900/-only.

Time :- 15 days

Draft Schedule of Quantity

Name of work:- R/M of E.I accessories of various Non-residential buildings at SLBSGMC&H Ner Chowk Distt Mandi [HP] (SH:- Replacement & Maintenance of damaged high mast light & flood light of Sports Ground).

| Sr. No. | Description | Qty. | Units | Estimated rate with all taxes including GST etc. In Rs. P | Total amount with all taxes including GST etc. In Rs. P | Total amount with all taxes including GST etc. In words |
|---------|---|------|-------|---|---|---|
| 1 | Supplying & fixing LED Flood light with sleek and durable design compact and robust structure with fire retardant grade plastic, weatherproof and impact resistant built for outdoor use with an IP66grading for water and dust resistant and IK07 impact protection. Panasonic 50 watt 6500K PFLM24507 complete with connection, testing, commissioning etc as required complete in all respect and to the best satisfaction of Engineer-in-charge. j) LED Flood Light 50 wMake:-bajaj, havells, luxmax, goldmedal, panasonic, p hilips, wipro, changi. | 6 | Each | 3138.00 | 18828.00 | Rupees Eighteen Thousand Eight Hundred TwentyEight Only |
| 2 | Supplying & fixing LED Flood light with sleek and durable design compact and robust structure with fire retardant grade plastic, weatherproof and impact resistant built for outdoor use with an IP66grading for water and dust resistant and IK07 impact protection. Panasonic 200 watt 6500K PFLM24MN7 complete with connection, testing, commissioning etc as required complete in all respect and to the best satisfaction of Engineer-in-charge. j) LED Flood Light 200 wMake:-bajaj, havells, luxmax, goldmedal, panasonic, philips, wipro, changi. | 6 | Each | 12540.00 | 75240.00 | Rupees SeventyFive Thousand Two Hundred Fourty Only |
| | Total | | | | 94068.00 | Rupees NinetyFour Thousand SixtyEight Only |

Draft Schedule of Quantity checked and approved for Rs. 94068/- only

Executive Engineer,

Electrical Division,

HPPWD Mandi (HP).

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Job No. 6

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|------|----------------------------------|
| Job- | Estimated Cost:- Rs.92210/-only. |
| | Earnest Money :- Rs.1850/-only. |
| | Time :- 15 days |

Draft Schedule of Quantity

Name of work:- R/M of E.I accessories of various residential buildings at SLBSGMC&H Ner Chowk Distt Mandi [HP] (SH:- Replacement & maintenance of damaged E.I. accessories worn out switch,socket,safety devices,light fixture in Nursing student Hostel in various Blocks).

| Sr. No. | Description | Qty. | Units | Estimated rate with all taxes including GST etc. In Rs. P | Total amount with all taxes including GST etc. In Rs. P | Total amount with all taxes including GST etc. In words |
|---------|---|------|-----------|---|---|---|
| 1 | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required complete in all respects per entire satisfaction of the Engineer in charge. Make:-Havells, Finolex,RR Kable,KEI, Grandley and Plaza. | | | | | |
| i) | 1x1.5 Sq.mm. | 100 | Per Metre | 40.00 | 4000.00 | Rupees Four Thousand Only |
| ii) | 2x2.5 Sq.mm. | 100 | Per Metre | 96.00 | 9600.00 | Rupees Nine Thousand Six Hundred Only |
| 2 | Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required complete in all respects per entire satisfaction of the Engineer in charge. Make:-Penta Anchor, Havells, ABB, Legrand,L&T,Schneider,C&S.. | | | | | |
| i) | 3 Module | 60 | Each | 132.00 | 7920.00 | Rupees Seven Thousand Nine Hundred Twenty Only |
| ii) | 6 module | 60 | Each | 164.00 | 9840.00 | Rupees Nine Thousand Eight Hundred Fourty Only |
| 3 | Supplying and fixing following rating Modular switch /socket in the existing switch box / cover plate including connections etc. as required complete in all respects as per entire satisfaction of the Engineer in charge.Make:-Penta Anchor,Havells, ABB, Legrand, L&T, Schneider, C&S. | | | | | |
| i) | 5/6 amps switch | 40 | Each | 88.00 | 3520.00 | Rupees Three Thousand Five Hundred Twenty Only |
| ii) | 5/6 A socket | 40 | Each | 114.00 | 4560.00 | Rupees Four Thousand Five Hundred Sixty Only |

| | | | | | | |
|----------------------|---|-----|-----------|--------|----------|---|
| 4 | Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 KA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required as per entire satisfaction of the Engineer in charge. Single pole. Make:- Havells, ABB, Legrand, L&T, Schneider, C&S. | 10 | Each | 241.00 | 2410.00 | Rupees Two Thousand Four Hundred Ten Only |
| 5 | Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required. i) 25 mm Make:- Anchor, AKG, RKG, Precision pipes, Diplast | 100 | Per Metre | 125.00 | 12500.00 | Rupees Twelve Thousand Five Hundred Only |
| 6 | Providing and installation of following type of LED Batten with polycarbonate housing, anti glare polycarbonate diffuser, surge protection 2.5 KV luminaire efficacy > 100lm/Watt with minimum 25000 burning hours, THD < 15% in white finish and separated energy efficient constant current, non-integral, electronic driver; relevant LM 79/80 compliance from UN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required: of Approved Make:- bajaj, havells, panasonic, Philips, Wipro, LT, Changi | 60 | Each | 631.00 | 37860.00 | Rupees Thirty Seven Thousand Eight Hundred Sixty Only |
| LED Batten Light 20W | | | | | 92210.00 | Rupees Ninety Two Thousand Two Hundred Ten Only |
| Total | | | | | | |

Draft Schedule of Quantity checked and approved for RS. 92,210/- only

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

Job No. 7

| | | |
|------|--|----------------------------------|
| Job- | | Estimated Cost:- Rs.97290/-only. |
| | | Earnest Money :- Rs.1950/-only. |
| | | Time :- 15 days |

Draft Schedule of Quantity

Name of work:-R/M of E.I accessories of Hospital buildings at SLBSGM&H Ner Chowk Distt Mandi [HP] (SH:- Replacement & maintenance of damaged light fixture in various floors of Hospital building)

| Sr. No. | Description | Qty. | Units | Estimated rate with all taxes including GST etc. In Rs. P | Total amount with all taxes including GST etc. In Rs. P | Total amount with all taxes including GST etc. In words |
|---------|--|------|-------|---|---|---|
| 1 | Prov. & fixing of LED lamp PL-L 4 pin with direct plug of 18 watt having cat no. LED PL-L 18 W , 6500 K 2G11 of Make PHILIPS in the existing fixture as reqd. complete in all respect Make Philips , Havell, Crompton Greaves etc. as required complete in all respects per entire satisfaction of the Engineer in charge.. Make:-bajaj, havells, panasonic, Philips, Wipro, LT, Changi | | | | | |
| i) | LED Tube 18 W Rod | 45 | Each | 532.00 | 23940.00 | Rupees Twenty Three Thousand Nine Hundred Fourty Only |
| 2 | Prov. & fixing of LED STICK lamp -2 pin with direct plug of 10 watt having cat no. LV STICK 10 WATT / 865 220 - 240 VG 24 D of MAKE OSRAM fixture as reqd. complete in all respect .Make OSRAM Philips , Havell, Crompton Greaves etc. as required complete in all respects per entire satisfaction of the Engineer in charge. Make:-bajaj, havells, panasonic, Philips, Wipro, LT, Changi | | | | | |
| ii) | LED Tube 10 W Rod | 150 | Each | 489.00 | 73350.00 | Rupees Seventy Three Thousand Three Hundred Fifty Only |
| | Total | | | | 97290.00 | Rupees Ninety Seven Thousand Two Hundred Ninety Only |

Draft schedule of Quantity checked and approved for Rs. 97290/- only.

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

Job No. 8

82

Job-

Estimated Cost:- Rs.81409/-only.

Earnest Money :- Rs.1650/-only.

Time :- One Month

Draft Schedule of Quantity

Name of work:-R/M of EI in various Govt Non Residential buildings in Local section-I under ESD Mandi Distt. Mandi (H.P)

| Sr. No. | Description | Qty. | Units | Estimated rate with all taxes including GST etc. In Rs. P | Total amount with all taxes including GST etc. In Rs. P | Total amount with all taxes including GST etc. In words |
|---------|--|------|-----------|---|---|---|
| 1 | Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc.as required complete in all respects and to the best satisfaction of Engineer-in-charge Make:- Havells (REO) (Athena), Goldmedal (Air) (GIFa), Anchor (Penta), Legrand (arteor),L&T(Entice) | | | | | |
| i | 5/6 amps switch | 20 | Each | 88.00 | 1760.00 | Rupees One Thousand Seven Hundred Sixty Only |
| ii | 15/16 A switch | 8 | Each | 143.00 | 1144.00 | Rupees One Thousand One Hundred FourtyFour Only |
| iii | 3 pin 5/6 A socket outlet | 10 | Each | 114.00 | 1140.00 | Rupees One Thousand One Hundred Fourty Only |
| iv | 6 pin 15/16 A socket outlet | 6 | Each | 186.00 | 1116.00 | Rupees One Thousand One Hundred Sixteen Only |
| 2 | Providing & Laying of one number aluminium conductor, PVC insulated and PVC sheathed armoured/ XLPE power cable, 1.1 KV grade of following sizes on wall surfaces required complete in all respects and to the best satisfaction of Engineer-in-charge i) Armoured cable 6 sq. mm (twin core) Make:- Universal Cables,KEI,Havells,Grandley | 50 | Per Metre | 212.00 | 10600.00 | Rupees Ten Thousand Six Hundred Only |
| 3 | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required complete in all respects and to the best satisfaction of Engineer-in-charge Make:-Havells,Finolex,RR Kable, KEI, Grandley,Plaza | | | | | |
| i | 3 x 1.5 sq. mm | 45 | Per Metre | 93.00 | 4185.00 | Rupees Four Thousand One Hundred EightyFive Only |
| ii | 3 x 4 sq. mm | 55 | Per Metre | 205.00 | 11275.00 | Rupees Eleven Thousand Two Hundred SeventyFive Only |
| 4 | 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. i) Single Pole Cat A Make :Havells, ABB, Legrand, L&T,schneider,C&S | 10 | Each | 241.00 | 2410.00 | Rupees Two Thousand Four Hundred Ten Only |

| | | | | | | |
|----|---|----|-----------|----------|----------|---|
| 5 | Supplying and erection of 40/50/63 amps rating, 10 KA breaking capacity, 240 volts, 'C' curves, miniature circuit breaker of following poles in the existing MCB DB complete with connections etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge -Make : Havells, ABB, Legrand, L&T, schneider, C&S | 2 | Each | 1479.00 | 2958.00 | Rupees Two Thousand Nine Hundred FiftyEight Only |
| 6 | Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc.as required complete in all respects and to the best satisfaction of Engineer-in-charge (But without MCB/RCCB/isolator) 8 way DD | 2 | Each | 2300.00 | 4600.00 | Rupees Four Thousand Six Hundred Only |
| 7 | Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required complete in all respects and to the best satisfaction of Engineer-in-charge i) .25 mm dia Make:- Anchor, AKG, RKG, Precision Pipes, Diplast | 60 | Per Metre | 125.00 | 7500.00 | Rupees Seven Thousand Five Hundred Only |
| 8 | Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes with 8 bar pressure rating Five star BEE rating and safety valve installation by means of expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, making good the damages, electrical connections, testing etc. completeas required complete in all respects and to the best satisfaction of Engineer-in-charge i) 25 Liter capacity water heater (Cat-A) Make:- havells,racold,bajaj,Goldmedal,jaguar | 1 | Each | 14683.00 | 14683.00 | Rupees Fourteen Thousand Six Hundred EightyThree Only |
| 9 | S/E of LED Panel with PDC body and polycarbonate /Acrylic diffuser to be mounted in recess The job includes carriage, erection, making connections testing and commissioning of the fittings.2 * 2 feet as required complete in all respects and to the best satisfaction of Engineer-in-chargeMake:- bajaj, havells, Goldmedal, panasonic, Philips, Wipro,Changi | 2 | Each | 3052.00 | 6104.00 | Rupees Six Thousand One Hundred Four Only |
| 10 | Supplying & fixing LED TUBE 20 W/PC 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:-bajaj, havells, Goldmedal ,panasonic, Philips, Wipro, Changi | 10 | Each | 631.00 | 6310.00 | Rupees Six Thousand Three Hundred Ten Only |
| 11 | Supplying and fixing following rating, follwing pole, (single phase and neutral), 240/415 V (four pole), residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required complete in all respects and to the best satisfaction of Engineer-in-charge Make:- .Havells, ABB, Legrand, L&T, schneider, C&S | 2 | Each | 2812.00 | 5624.00 | Rupees Five Thousand Six Hundred TwentyFour Only |
| | Total | | | | 81409.00 | Rupees EightyOne Thousand Four Hundred Nine Only |

Dear Sir Schedule of Quantity checked and approved for RS. 81,409/- only

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

Job No. 9

22
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|-----|----------------------------------|
| Job | Estimated Cost: Rs. 88167/-only. |
| | Earnest Money :- Rs.1800/-only. |
| | Time :- Two Month |

Draft Schedule of Quantity

Name of work: R/M of E.I. in various Govt N/R Buildings under Electrical Sub Division Mandi HP Rest house Barot Joginder Nagar HPPWD (Sh:- Replacement of old and worn out CFL/Accessories with LED/New accessories in HPPWD Rest house Barot therein)

| Sr. No. | Description | Qty. | Units | Estimated rate with all taxes including GST ect. In Rs. P | Total amount with all taxes including GST ect. In Rs. P | Total amount with all taxes including GST etc. In words |
|---------|---|------|-------|---|---|---|
| 1 | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. complete in all respect as per entire satisfaction of Engineer- in- Charge. i) 1 x 1.5 sq. Mm Make:- Havells, Finolex, RR Kable, KEI, Grandley, Plaza | 30 | Each | 40.00 | 1200.00 | Rupees One Thousand Two Hundred Only |
| 2 | Supplying and fixing PVC batten/ angle holder including connections etc. as required. complete in all respect as per entire satisfaction of Engineer- in- Charge. Make : (ANCHOR/CONA / ESSESSKAY) | 10 | Each | 89.00 | 890.00 | Rupees Eight Hundred Ninety Only |
| 3 | S/E of MCCB 4 pole 415 volt with thermal magnetic release for overload and short circuit protection breaking capacity (Ics=100% Icu with positive isolation) with rotary handle. as required. complete in all respect as per entire satisfaction of Engineer- in- Charge. i) MCCB 40-100 Amp, 36 Ka 4pole release with rotary handle Make:- Havells, ABB, Legrand, L&T, schneider, C&S | 1 | Each | 15460.00 | 15460.00 | Rupees Fifteen Thousand Four Hundred Sixty Only |
| 4 | Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) as required. complete in all respect as per entire satisfaction of Engineer- in- Charge i) 12 way, Double door Make:- Havells, ABB, Legrand, L&T, schneider, C&S | 5 | Each | 2570.00 | 12850.00 | Rupees Twelve Thousand Eight Hundred Fifty Only |
| 5 | Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. complete in all respect as per entire satisfaction of Engineer- in- Charge i) Single pole Make:- Havells, ABB, Legrand, L&T, schneider, C&S | 32 | Each | 241.00 | 7712.00 | Rupees Seven Thousand Seven Hundred Twelve Only |
| 6 | Supplying and fixing following rating, followings poles 10ka 240/415v 'C' curves miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required. complete in all respect as per entire satisfaction of Engineer- in- Charge. i) 63A, DP Make:- Havells, ABB, Legrand, L&T, schneider, C&S | 5 | Each | 1479.00 | 7395.00 | Rupees Seven Thousand Three Hundred NinetyFive Only |
| 7 | Providing and installation exhaust fan of following sizes in the existing opening, Double ball bearing type metal frame 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 i) Exhaust Fan, Light duty, (Domestic) 225/230 mm sweep Make:- atomberg, Havells, Orient, Gold Medal, Bajaj | 6 | Each | 2156.00 | 12936.00 | Rupees Twelve Thousand Nine Hundred ThirtySix Only |

| | | | | | | |
|----|--|----|-----------|---------|----------|--|
| 8 | Providing & Laying of one number aluminium conductor, PVC insulated and PVC sheathed armoured/ XLPE power cable, 1.1 KV grade of following sizes direct in ground including excavation and refilling the trench etc as required. complete in all respect as per entire satisfaction of Engineer- in- Charge but excluding sand cushioning and protective covering. i) Armoured cable 6 sq. mm (twin core) Make:- Universal Cables, KEI, Havells, Grandley | 40 | Per Metre | 289.00 | 11560.00 | Rupees Eleven Thousand Five Hundred Sixty Only |
| 9 | S/E of LED Batten with polycarbonate body and diffuser The fitting should be installed on existing surface/recess The job includes carriage, erection, making connections testing and commissioning of the fittings. as required. complete in all respect as per entire satisfaction of Engineer- in- Charge i) 1000 lumens .Make:- bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Changi | 5 | each | 547.00 | 2735.00 | Rupees Two Thousand Seven Hundred ThirtyFive Only |
| 10 | Supplying and fixing TP&N copper bus-bar chamber suitable for 415 volts capacity with 4 No. copper strip bus-bars each of length and x-section suitable for following current carrying capacities, enclosure made of sheet steel having thickness of 1.6mm, dust protected, duly powder painted with detachable gland plate and other accessories including drilling holes on the board, making connections, earthing etc. as required. complete in all respect as per entire satisfaction of Engineer- in- Charge i) 63 A' Copper Busbar Chambers 15" (SS Enclosure) Make:- Havells, Anchor | 1 | Each | 7787.00 | 7787.00 | Rupees Seven Thousand Seven Hundred EightySeven Only |
| 11 | Providing and fixing LED 9 watt in an existing lamp holder B22/E27 lamp holder as required complete in all respect and to the best satisfaction of engineer in charge. Make:- bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Changi | 10 | Each | 117.00 | 1170.00 | Rupees One Thousand One Hundred Seventy Only |
| 12 | Providing and fixing LED 26/28 watt in an existing lamp holder B22/E27 lamp holder as required complete in all respect and to the best satisfaction of engineer in charge. Make:- bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Changi | 10 | Each | 388.00 | 3880.00 | Rupees Three Thousand Eight Hundred Eighty Only |
| 13 | Providing and fixing LED Mirror light 1 feet tube 5w 6500K, PC batten, complete with all accessories, connection, testing and commissioning etc as required complete in all respect and to the best satisfaction of engineer in charge. Make:- bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Changi | 8 | Each | 324.00 | 2592.00 | Rupees Two Thousand Five Hundred NinetyTwo Only |
| | Total | | | | 88167.00 | |

*Dealt schedule of Quantity checked
and approved for RS. 88167/- only.*

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

Job No. 10

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|------|----------------------------------|
| Job- | Estimated Cost:- Rs.99065/-only. |
| | Earnest Money :- Rs.2000/-only. |
| | Time :- One Month |

Draft Schedule of Quantity

Name of work:-R/M of E.I accessories of various non-residential buildings at SLBSGMC&H Ner Chowk Distt Mandi [HP] (SH:- Replacement & maintenance of damaged E.I. accessories worn out Batten Holder,LED Bulb,light fixture,fan regulator & ceiling fan,exhaust fan in Nursing Hostel,Boys Hostel block-B,in various Blocks).

| Sr. No. | Description | Qty. | Units | Estimated rate with all taxes including GST etc. In Rs. P | Total amount with all taxes including GST etc. In Rs. P | Total amount with all taxes including GST etc. In words |
|---------|--|------|-------|---|---|---|
| 1 | Supply, Installation, Testing and Commissioning of following sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CM/MM) minimum 6.85, Air delivery minimum 215 CMM, 300 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote/ BLDC electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required complete in all respect and to the best satisfaction of Engineer-in-charge. i) Ceiling Fan 1200 mm sweep Make:- atomberg (Efficcio),Havells(Efficia Neo), Orient/hector 500), Gold Medal(Maruti), Bajaj (efficia) | 10 | Each | 2802.00 | 28020.00 | Rupees TwentyEight Thousand Twenty Only |
| 2 | Providing and installation exhaust fan of following sizes in the existing opening, Double ball bearing type metal frame 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 and to the best satisfaction of Engineer-in-charge.i) Exhaust Fan, Light duty, (Domestic) 300 mm sweep Make:- atomberg ,Havells, Orient,Gold Medal,Bajaj | 10 | Each | 2495.00 | 24950.00 | Rupees TwentyFour Thousand Nine Hundred Fifty Only |
| 3 | Providing and installation of following type of LED Batten with polycarbonate housing ,anti glare polycarbonate diffuser,surge protection 2.5 KV luminaire efficacy > 100lm/Watt with minimum 25000 burning hours,THD<15% in white finish and seprated energy efficient constant current, non-integral, electronic driver;relevent LM 79/80 complainece fromUN/NABL Lab suitable for input voltage: AC 140-270 V, 50/60Hz, complete with all accessories, connections, testing etc. as required complete in all respect and to the best satisfaction of Engineer-in-charge. i) LED Batten Light 20W Make:- bajaj,havells,Goldmedal,panasonic,Philips,Wipro,Changi | 45 | Each | 631.00 | 28395.00 | Rupees TwentyEight Thousand Three Hundred NinetyFive Only |

| | | | | | | |
|---|--|----|------|--------|----------|--|
| 4 | Supplying and fixing PVC batten/ angle holder including connections etc. as required as per entire satisfaction of the Engineer in charge. Make:-bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Changi | 30 | Each | 89.00 | 2670.00 | Rupees Two Thousand Six Hundred Seventy Only |
| 5 | Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required complete in all respect and to the best satisfaction of Engineer-in-charge. Make:- tomberg (Efficio), Havells (Efficia Neo), Orient (hector 500), Gold Medal (Maruti), Bajaj (efficia) | 10 | Each | 359.00 | 3590.00 | Rupees Three Thousand Five Hundred Ninety Only |
| 6 | Supplying and fixing following rating Modular switch /socket in the existing switch box / cover plate including connections etc. as required complete in all respects as per entire satisfaction of the Engineer in charge. Make:-Penta Anchor, Havells, ABB, Legrand, L&T, Schneider, C&S. | | | | | |
| | i) 5/6 amps switch | 20 | Each | 88.00 | 1760.00 | Rupees One Thousand Seven Hundred Sixty Only |
| | ii) 5/6 A socket | 20 | Each | 114.00 | 2280.00 | Rupees Two Thousand Two Hundred Eighty Only |
| | ii) 15/16 A switch | 10 | Each | 143.00 | 1430.00 | Rupees One Thousand Four Hundred Thirty Only |
| | iv) 6 pin 15/16 A socket outlet | 10 | Each | 186.00 | 1860.00 | Rupees One Thousand Eight Hundred Sixty Only |
| 7 | Supplying & fixing LED bulb 9Watt, in existing holder ,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:- bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Changi | 30 | Each | 137.00 | 4110.00 | Rupees Four Thousand One Hundred Ten Only |
| | Total | | | | 99065.00 | Rupees NinetyNine Thousand SixtyFive Only |

Best schedule of quantity checked and approved for RS. 99065/- only.

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

b

Job No. 11

77

Job-

Estimated Cost:- Rs.36683/-only.

Earnest Money :- Rs.750 /-only.

Time :- Along With Civil Work

Draft Schedule of Quantity

Name of work:-C/O ARYVEDIC HEALTH CENTRE AT ROPA THATHAR IN TESHIL SARKAGHAT DISTT MANDI (H.P) (SH. PROV CEILING FANS, LED FIXTURES THERE IN)

| Sr. No. | Description | Qty. | Units | Estimated rate with all taxes including GST etc. In Rs. P | Total amount with all taxes including GST etc. In Rs. P | Total amount with all taxes including GST etc. In words |
|---------|---|------|-------|---|---|---|
| 1 | Providing, Installation, testing and commissioning of ceiling fan with regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required complete in all respect as per entire satisfaction of the Engineer in charge j) Ceiling fan 1200 mm sweep (Category -A) Make :- atomberg (Efficio),Havells(Efficia Neo),Orient(hector 500),Gold Medal(Maruti),Bajaj(efficia) | 4 | Each | 2655.00 | 10620.00 | Rupees Ten Thousand Six Hundred Twenty Only |
| 2 | 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 the Engineer in charge j) Exhaust Fan, Light duty, (Domestic) 300 mm sweep Make:- atomberg ,Havells,Orient,Gold Medal,Bajaj | 1 | Each | 2244.00 | 2244.00 | Rupees Two Thousand Two Hundred FourtyFour Only |
| 3 | Providing and fixing Glazed LED 20 watt Batten High quality design aluminium 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 :-bajaj, havells, Goldmedal, panasonic, Philips,Wipro,Changi | 6 | Each | 608.00 | 3648.00 | Rupees Three Thousand Six Hundred FourtyEight Only |
| 4 | Providing and fixing LED SURFACE/RECESS/PENDENT 24 watt Square pannel 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 :- bajaj, havells, Goldmedal, panasonic, Philips,Wipro,Changi | 3 | Each | 2365.00 | 7095.00 | Rupees Seven Thousand NinetyFive Only |
| 5 | Providing and fixing Surface mounted Square/ Round LED downlight 12 Watt with Al die-cast body finish with drop down PC diffuser to deliver low glare illumination with optimized heat sink for efficient heat dissipation complete with Connection,testing commissioning etc as required in all respect as per entire satisfaction of the Engineer in charge.Make :-bajaj, havells, Goldmedal, panasonic, Philips,Wipro,Changi | 4 | Each | 1015.00 | 4060.00 | Rupees Four Thousand Sixty Only |

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|---|---|---|------|---------|----------|--|
| 6 | 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. Make :-bajaj, havells, Goldmedal, panasonic, Philips, Wipro, Changi | 4 | Each | 2254.00 | 9016.00 | Rupees Nine Thousand Sixteen Only |
| | Total | | | | 36683.00 | Rupees ThirtySix Thousand Six Hundred EightyThree Only |

Deptt Schedule of quantity checked and approved for Rs. 36683/- only.

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