

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No.: PW/EDP/CB/TA/CONT/2023-24/- 5469-77

Dated: 30/9/23

To

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

Subject: Publishing of Tender Notice.

Enclosed please find herewith the Tender Notice of works as given in the Notice Inviting Tenders along with Schedule of Quantities for uploading on departmental website as per Notification Pr. SEC(PW) to the Govt. of HP letter No. PBW(B)A9(3)1/2020 dated Shimla-26th July 2021.


It is certified that the works mentioned in the Notice Inviting Tenders are urgent in nature and in public Interest.

DA/NIT,SQs


Executive Engineer
Electrical Division
HP PWD Palampur

Copy forwarded to the following for information and necessary action please:

1. The Superintending Engineer, 2nd Electrical Circle, HP PWD Dharamshala.
2. The Drawing Branch in this office.
3. All the Assistant Engineers working under this Division.


Executive Engineer
Electrical Division
HP PWD Palampur

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

"Notice Inviting Tenders"

Sealed percentage rate tenders on form 6&8 are hereby invited by the Executive Engineer, Electrical Division, HP PWD Palampur on behalf of the Governor of H.P. for the following work from the approved and eligible contractors enlisted in HP.PWD, (Elect.) whose registration stood renewed as per revised rules and also registered under the H.P. General Sales Tax Act. 1968 so as to reach in his office on or before **16-10-2023** up to 11.00 AM, and the same shall be opened on the same day at 11 30 A.M. in the presence of intending contractors or their authorized representatives. The tender documents can be had from his office against cash payment (Non-refundable) on **13-10-2023** up to 4.00 P.M. and the application for issue of tender form shall be received on **12-10-2023** up to 12.00 noon.

Conditions:

1. The contractor should have the EPF registration certificate should be attached with application.
2. The GST registration certificate.
3. The contractor should produce a copy of latest enlistment/renewal.
4. The latest ITR filed should be attached with application.
5. The bidders enlisted in a particular class shall be eligible to tender for his own class or one step below.
6. The bidder should attach authorization and work done certificate with application for Specialized Jobs.
7. The FDR duly pledged should be attached separately with each tender.
8. Only two number tender forms will be issued to the eligible contractor.
9. The Executive Engineer, Electrical Division, HP PWD Palampur reserves the right to reject any tender without assigning any reasons.
10. Conditional/ incomplete tenders & tender without earnest money will be summarily rejected.

| Sr. No | Name of Work | Estimated Cost | Earnest Money | Time Limit | Form No. | Cost of Form |
|--------|--|----------------|---------------|--------------|----------|--------------|
| 1 | Supplying and fixing ceiling fitting, Pendent lights and other accessories at Rest House Dadh in Tehsil Palampur Distt. Kangra (H.P). | 130814/- | 2700/- | Three Months | 8 | 350/- |
| 2 | Replacement of Safety devices in HPPWD Rest House Dadh in Tehsil Palampur Distt. Kangra (HP)(SH:- Providing E I therein). | 298152/- | 6000/- | Six Months | 8 | 350/- |
| 3 | C/O Rajeev Gandhi Govt. Engineering College Kangra at Nagrota Bagwan, Distt. Kangra (HP)(SH:- Providing & fixing of Portable Fire Extinguishers in Training Hostel & Amenity Block therein). | 326112/- | 6600/- | Three Months | 8 | 350/- |
| 4 | C/o Ayurvedic Health Center Building at PattaJattian in Tehsil Fatehpur Distt. Kangra (H.P)(SH:- Providing E.I. therein). | 133006/- | 2700/- | Two Year | 8 | 350/- |
| 5 | C/O Combined office building at Indora in Tehsil Indora Distt. Kangra (H.P)(SH:- Providing LAN therein). | 451807/- | 10000/- | Two Year | 8 | 350/- |
| 6 | C/O Combined office building at Indora in Tehsil Indora Distt. Kangra (H.P)(SH:- Providing EPABX therein). | 300593/- | 6100/- | Two Year | 8 | 350/- |
| 7 | C/o Ayurvedic Health Center Building at Minta in Tehsil Fatehpur Distt. Kangra (H.P)(SH:- Providing E.I. therein). | 216234/- | 4400/- | Two Year | 8 | 350/- |
| 8 | Replacement of wiring, providing and fixing heating points, computer points, wall fans, ceiling fans, LED Tube lights in the existing | 205391/- | 4200/- | Six Months | 8 | 350/- |

| | | | | | | |
|----|--|----------|--------|--------------|---|-------|
| | building of Additional District and Sessions Judge Court at Dehra, Tehsil Dehra, Distt. Kangra (H.P). | | | | | |
| 9 | C/o Additional Accommodation for Govt. Sr. Sec School Lag Baliana. Distt. Kangra (HP) (2 Rooms in Ground Floor With Verandah)(SH:- Providing E I therein) | 127895/- | 2600/- | One Year | 8 | 350/- |
| 10 | Repair and maintenance of HVAC system in OT's of Treatment Block-5, Radiology Deptt. Ground floor, Maternity block-6, Minor OT's of Casualty block-7 etc. Dr. RPGMC Tanda (SH: Repair & Rewiring of Motor starter panel of Air Handling Units (AHU) of HVAC system 500 bedded hospital Dr. RPGMC Kangra at Tanda). | 367752/- | 7400/- | Three Months | 8 | 350/- |

HIM SUCHNA AVAM JAN SAMPARK VIBHAG

SCHEDULE OF QUANTITY

| NAME OF WORK :- Supplying and fixing ceiling fitting, Pendant lights and other accessories at Rest House Dadh in Tehsil Palampurpur Distt. Kangra HP | | | | | | |
|--|---|------|----------|--|--|--------|
| SR. NO. | DESCRIPTION | QTY. | Job No 1 | | ESTIMATED COST: Rs.1,30,814/-only. EARNEST MONEY: Rs.2700/-only TIME ALLOWED: Three Months | |
| | | | FIGURES | RATES WORDS | UNIT | AMOUNT |
| 1 | supplying and fixing following type of IP 20 Led fixture 20 Watt +/- 1W with surface mounted 4 feet batten Fixture with system efficacy 100lm/W with aluminium housing Power Factore> 0.9, THD < 20% CCT 6500 K, CRI 80, Surge protection 2 Kv. The LED with Useful life of 50000 Hrs at L70. The input voltage range shall be 150V to 270V . with 5 years warranty | | | | | |
| | LED Batten light 20 W | 4 | 1178 | Rupees One Thousand One Hundred Seventy Eight Only | Each | 4712 |
| | Make Wipro Cat. no. LL20-281-XXX-AL1 / Phillips / Bajaj/ | | | | | |
| 2 | Providing and installation of LED fixture 15 W +/- 1 W LED Square Surface Mounted Downlighter Round Shape with minimum system lumen efficacy of 85 lm/W with and P. F \geq 0.95 with THD <20%, CCT 6000 K, CRI 80, The LED with useful life of 50000 Hrs at L70. The input voltage range shall be 150V to 270V with 5 years warranty | | | | | |
| | LED Surface mounting round downlighter 15 watt | 5 | 1904 | Rupees One Thousand Nine Hundred Four Only | Each | 9520 |
| | Makes :-Wipro (Cat No :-LL20-281-xxx-AL-1/Phlips/Bajaj) | | | | | |
| 3 | Providing, Installation, testing and commissioning of ceiling fan with regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required. | | | | | |
| | Ceiling Fan 1200 mm sweep, Category-A | 4 | 3191 | Rupees Three Thousand One Hundred Ninety One Only | Each | 12764 |

| | | | | | | |
|--|--|---|-------|---|------|-------|
| Makes :-Ceiling Fan 1200 mm sweep, Category-A usha Technix Plus | | | | | | |
| (i) | 3 Star,Philips,Bajaj with not less than 3 rated star | | | | | |
| (ii) | Ceiling Fan 1200 mm sweep white with remote AEROQUIETBLDE | 2 | 11185 | Rupees Eleven Thousand One Hundred Eighty Five Only | Each | 22370 |
| 4 | Providing and installation of IP65 LED Bulk Head 10 W +/- 1 W LED with system with efficacy 100 lm/W with Aluminium housing and P. F > 0.95 with THD <10%. CCT 5700 K,CRI 70, Surge protection 4 Kv. The LED with useful life of 50000 Hrs at L70. The input voltage range shall be 150V to 270V with 5 year warranty. | 3 | 1432 | Rupees One Thousand Four Hundred Thirty Two Only | Each | 4296 |
| | Makes :-Wipro (Cat. No.:-LW07-141-XXX-57-G1) Philips/ Bajaj | | | | | |
| 5 | Providing and installation of exhaust fan of following sizes in the existing opening, including making the hole to suit the size of the above fan, making good the damages, connections, testing and commissioning etc. as required:- | | | | | |
| | Exhaust Fan, heavy duty, 450 mm sweep | 3 | 6033 | Rupees Six Thousand Thirty Three Only | Each | 18099 |
| | Exhaust Fan, Light duty, (Domestic) 300 mm sweep (Usha,Bajaj,Crompton make) | | | | | |
| 6 | Providing and installation of stationary storage type Electric water heater (Geyser) of various sizes by means of Expansion-bolts with nuts and washers, including embedding of expansion-bolts in the wall, providing and fixing of Non-return valve, Dead weight safety valve, 2 No C.P. connection rods 18" long, making good the damages, electrical connections, safety valve connections, testing and commissioning etc. as required:- | 1 | 10250 | Rupees Ten Thousand Two Hundred Fifty Only | Each | 10250 |
| | Geyser 25 Ltrs. | | | | | |
| | Make :-Bajaj,Usha,Recold | | | | | |
| 7 | Providing and installation of LED Fixture in 40 watt decorative suspended fixture having system lumen efficacy of 85 lumen / watt. Housing made up of extruded aluminium power coated with High efficiency, having CCT: 4000K/5700K. With 5 year warranty. | 8 | 4115 | Rupees Four Thousand One Hundred Fifteen Only | Each | 32920 |
| | Pendent light LED | | | | | |

| Tisva by Usha Cat No. SG1001/Wipro/Phillips | | | | | | |
|---|--|---|------|--|------|--------|
| 8 | Supplying and fixing following type of LED Wall Bracket light luminaires white power coated CRCA housing diffuser to avoid glare it should be compatible with specification i.e Power Factor > 0.9, Harmonic Distortion <10% and efficacy > 100 lumens per watt, CRI rating > 70 suitable for input voltage : AC 220-240 V , 50 HZ, complete with all accessories , connections , testing and commissioning etc. as required With 5 year warranty. | 7 | 1868 | Rupees One Thousand Eight Hundred Sixty Eight Only | Each | 13076 |
| | Make Jaquar cat No. JNL-CHR-MB 160275541A/Wipro/Phillips | | | | | |
| | LED Wall Bracket light 7 watt | | | | | |
| 9 | Supplying and fixing following type of LED Mirror light luminaires white power coated CRCA housing diffuser to avoid glare it should be compatible with specification i.e Power Factor > 0.9, Harmonic Distortion <10% and efficacy > 100 lumens per watt, CRI rating > 70 suitable for input voltage : AC 220-240 V , 50 HZ, complete with all accessories , connections , testing and commissioning etc. as required With 5 year warranty. | 3 | 389 | Rupees Three Hundred Eighty Nine Only | Each | 1167 |
| | LED Mirror light 5 watt | | | | | |
| | Make Crompton Cat. No. CCS.103-05-65-SL-DP-NWH/Wipro/Phillips | | | | | |
| 10 | Supplying and fixing Exhaust fan louver Shutter for 450mm including connection etc as required. | 2 | 820 | Rupees Eight Hundred Twenty Only | Each | 1640 |
| | Total | | | | | 130814 |

Draft Schedule of quantity checked and approved for ₹ 130814 only

Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

| NAME OF WORK :- Replacement of safety devices in HPPWD Rest House Dadhtehsil Palampur Distt. Kangra HP(SH:- Providing E I therein) | | Job No 2 | | ESTIMATED COST: Rs.2,98,152/-only. EARNEST MONEY: Rs.6000/-only TIME ALLOWED: Three Months | | |
|---|---|----------|---------|--|------------|--------|
| SR. NO. | DESCRIPTION | QTY. | RATES | | UNIT | AMOUNT |
| | | | FIGURES | WORDS | | |
| 1 | Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. | | | | | |
| | Group C. | 39 | 1824 | Rupees One Thousand Eight Hundred Twenty Four Only | Per point. | 71136 |
| | SCI/KEI/Plaza make | | | | | |
| 2 | Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required | | | | | |
| | Group C. | 3 | 1894 | Rupees One Thousand Eight Hundred Ninety Four Only | Per point. | 5682 |
| | SCI/KEI/Plaza make | | | | | |
| 3 | Supplying and fixing suitable size G I box with modular plate and cover in front on surface or in recess including providing and fixing 3 Nos. 3 pin 5/6 amps modular socket outlet and 3 Nos 5/6 amps, modular switch, connections etc. as required.(For light plugs to be used in non residential buildings) | 5 | 1366 | Rupees One Thousand Three Hundred Sixty Six Only | Each. | 6830 |
| | L&T/Legrand/Schneider make | | | | | |

| | | | | | | |
|---|---|----|-----|--|--------|-------|
| 4 | Supplying and fixing suitable size G I box with modular plate and cover in front on surface or in recess including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps, modular switch, connections etc. as required. | 13 | 582 | Rupees Five Hundred Eighty Two Only | Each. | 7566 |
| | L&T/Legrand/Schneider make | | | | | |
| 5 | Supplying and fixing suitable size G I box with modular plate and cover in front on surface or in recess including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps, modular switch, connections etc. as required. | 12 | 750 | Rupees Seven Hundred Fifty Only | Each. | 9000 |
| | L&T/Legrand/Schneider make | | | | | |
| 6 | Supplying and fixing suitable size G I box with modular plate and cover in front on surface or in recess including providing and fixing 25 amps modular socket outlet and 25 amps, modular SP MCB C curve including connections etc. as required. | 2 | 775 | Rupees Seven Hundred Seventy Five Only | Each. | 1550 |
| | L&T/Legrand/Schneider make | | | | | |
| 7 | Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required. | 65 | 473 | Rupees Four Hundred Seventy Three Only | P/Mtr. | 30745 |
| | SCI/KEI/Plaza make | | | | | |
| 8 | Wiring for light/ power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 2 Nos 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required. | 53 | 755 | Rupees Seven Hundred Fifty Five Only | P/Mtr. | 40015 |
| | SCI/KEI/Plaza make | | | | | |
| 9 | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required | | | | | |
| | 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire | 70 | 395 | Rupees Three Hundred Ninety Five Only | P/Mtr. | 27650 |
| | 2x6Sqmm+ 1 X 6 sq. mm earth wire | 25 | 657 | Rupees Six Hundred Fifty Seven Only | P/Mtr. | 16425 |

| | | | | | | |
|----|---|----|-------|---|--------|-------|
| | 2 X 10 sq. mm + 1 X 6 sq. mm earth wire | 2 | 793 | Rupees Seven Hundred Ninety Three Only | P/Mtr | 1585 |
| | 4 X 10 sq. mm + 1 X 6 sq. mm earth wire | 30 | 1336 | Rupees One Thousand Three Hundred Thirty Six Only | P/Mtr | 40080 |
| | SC/KE/Plaza make | | | | | |
| 10 | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel PVC conduit as required | | | | | |
| | 3x2.5 sq mm | 39 | 171 | Rupees One Hundred Seventy One Only | P/Mtr. | 6569 |
| | SC/KE/Plaza make | | | | | |
| 11 | Supplying and fixing of following way, single pole and neutral sheet steel MCB distribution board, 240 volts, on surface / recess, complete with tinned copper bus- bar, neutral link, earth bar, din-bar, interconnections, powder painted, including earthing etc. as required.-(But without MCB/RCCB/Isolator) | 1 | 11785 | Rupees Eleven Thousand Seven Hundred Eighty Five Only | Each | 11785 |
| | TPN tier PPI Distribution Board 12+2 way,MCCB+6+36 Modules | | | | | |
| | L&T/Legrand/Schneider make | | | | | |
| 12 | Supplying and fixing of 6 amps. to 32 amps. rating, 240/415 volts,10 kA 'C' curves, miniature circuit breaker suitable for inductive load of following poles in the existing miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections testing and commissioning etc. as required:- | | | | | |
| | 6 Amp Single pole. Cat-A. | 5 | 265 | Rupees Two Hundred Sixty Five Only | Each | 1325 |
| | 16 Amp Single pole. Cat-A. | 12 | 265 | Rupees Two Hundred Sixty Five Only | Each | 3180 |
| | L&T/Legrand/Schneider make | | | | | |

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|----|---|---|------|--|------|---------------|--|
| 13 | Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. | | | | | | |
| | 40 Amps. Cat-A. | 3 | 488 | Rupees Four Hundred Eighty Eight Only | Each | 1464 | |
| | L&T/Legrand/Schneider make | | | | | | |
| 14 | Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required. | | | | | | |
| | 40 Amps. Cat-A. | 3 | 2715 | Rupees Two Thousand Seven Hundred Fifteen Only | Each | 8145 | |
| | L&T/Legrand/Schneider make | | | | | | |
| 15 | Providing and fixing following rating and breaking capacity MCCB with thermomagnetic release and spreaders in existing cubical panel board including drilling holes cubical panel, making connections etc. as required. | | | | | | |
| | 100 Amp 30 KA | 1 | 6848 | Rupees Six Thousand Eight Hundred Forty Eight Only | Each | 6848 | |
| | L&T/Legrand/Schneider make | | | | | | |
| 16 | Supplying and fixing modular switch / socket on the existing modular plate and switch box including connections but excluding modular plate etc. as required | 3 | 157 | Rupees One Hundred Fifty Seven Only | Each | 471 | |
| | TV antenna socket outlet | | | | | | |
| | L&T/Legrand/Schneider make | | | | | | |
| | Total | | | | | 298152 | |

Bill Schedule of quantity checked and approved for 298152/-

Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

| NAME OF WORK :- C/o Rajeev Gandhi Govt. Engineering College Kangra at Nagrota Bagwan, Distt. Kangra HP (SH: Providing & fixing of Portable Fire Extinguishers in Training hostel & Amenity Block therein) | | Job No 3 | | ESTIMATED COST: Rs 3,26,112/-only. EARNEST MONEY: Rs.6600/-only TIME ALLOWED: Three Months | | |
|---|--|----------|----------|--|------|--------|
| SR. NO. | DESCRIPTION | QTY. | RATES | | UNIT | AMOUNT |
| | | | FIGURES | WORDS | | |
| 1 | Providing and fixing Carbon dioxide CO2 4.5 kg type fire extinguishers ISI mark. CE and EN Certified, consisting of seamless cylindrical body, squeeze lever discharge valve fitted with pressure indicating guage internal discharge tube, 30cms long high pressure discharge hose, discharge nozzle, suspension bracket, confirming to IS: 15683 finished externally with red enamel paint and M S Wheel type complete with internal charge as required complete in all respects and to the best satisfaction of Engineer-in-charge. | 12 | 13542.00 | Rupees Thirteen Thousand Five Hundred Forty Two Only | Each | 162504 |
| | Make: Minimax/Aska/ AGGG India. | | | | | |
| 2 | Providing and fixing stored pressure vessel ABC 6 Kgs. Powder type fire extinguishers ISI mark. CE and EN Certified,consisting of seamless cylindrical body, squeeze lever discharge valve fitted with pressure indicating guage internal discharge tube, 30cms long high pressure discharge hose, discharge nozzle, suspension bracket, confirming to IS: 15683 finished externally with red enamel paint and fixed to wall with brackets complete with internal charge. | 12 | 7143.00 | Rupees Seven Thousand One Hundred Forty Three Only | Each | 85716 |
| | Make: Minimax/Aska/ AGGG India. | | | | | |
| 3 | Providing & fixing of IS marked 15683 Water type 9 Litre (S/P) fire Extinguishers ISI mark. CE and EN Certified,cylindrical body, squeeze lever discharge valve fitted with pressure discharge hose, discharge nozzle, etc. finished externally with red enamel paint and fixed to wall with brackets complete with internal charges. | 12 | 6491.00 | Rupees Six Thousand Four Hundred Ninety One Only | Each | 77892 |
| | Make: Minimax/Aska/ AGGG India. | | | | | |
| Total | | | | | | 326112 |

Draft - Schedule of Quantity checked and approved for 326112/-


 Executive Engineer
 Electrical Division
 HPPWD Palampur

DRAFT SCHEDULE OF QUANTITY

| NAME OF WORK:- C/O Ayurvedic Health Centre Building at Patta Jattian in Tehsil Fatehpur Distt. Kangra (HP) (SH:- Providing EI there in). | | | Job No. 4 | | ESTIMATED COST: Rs.1,33,006/-only. EARNEST MONEY: Rs.2700/-only TIME ALLOWED: Two Year | |
|--|--|------|-----------|---|--|--------|
| Sr. No. | DESCRIPTION | QTY. | RATES | | UNIT | AMOUNT |
| | | | FIGURES | WORDS | | |
| 1 | Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit. with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Make: KEI/Plaza/Anchor & Anchor/SSK/SCI | | | | | |
| i) | Group C. | 19 | 1712.00 | Rupees One Thousand Seven Hundred Twelve Only | Pt. | 32528 |
| 2 | Wiring for power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required. Make: KEI/Plaza/Anchor/SCI | 40 | 473.00 | Rupees Four Hundred Seventy Three Only | Meter | 18920 |
| 3 | Wiring for power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 2 Nos 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required. Make: KEI/Plaza/Anchor/SCI | 25 | 755.00 | Rupees Seven Hundred Fifty Five Only | Meter | 18875 |
| 4 | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. Make: KEI/Plaza/Anchor/SCI | | | | | |
| i) | 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire | 45 | 335.00 | Rupees Three Hundred Thirty Five Only | Mtr. | 15075 |
| ii) | 2 X 10 sq. mm + 1 X 6 sq. mm earth wire | 3 | 793.00 | Rupees Seven Hundred Ninety Three Only | Mtr. | 2379 |

| | | | | | | |
|----|---|----|--------|--------------------------------------|------|------|
| 5 | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. Make: KEI/Plaza/Anchor/SCI. | | | | | |
| i) | 3 x 1.5 sq. mm | 20 | 111.00 | Rupees One Hundred Eleven Only | Mtr. | 2220 |
| 6 | 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. (Make: BEC Plast/Anchor/Finox) | | | | | |
| i) | 50 mm. dia | 5 | 261.00 | Rupees Two Hundred Sixty One Only | Mtr. | 1305 |
| 7 | Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch, connection, painting etc. as required. Make: Anchor/SSK | 5 | 290.00 | Rupees Two Hundred Ninety Only | each | 1450 |
| 8 | Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch, connection, painting etc. as required. Make: Anchor/SSK | 3 | 485.00 | Rupees Four Hundred Eighty Five Only | each | 1455 |
| 9 | Supplying & fixing following type of Surface mounted luminaires, white power coated CRCA housing diffuser to avoid glare, it should be compatible with specification i.e. Power Factor > 0.9, Harmonic Distortion < 10% and efficacy ≥ 100 Lumens per watt, CRI rating > 70 suitable for input voltage: AC 220-240 V, 50 Hz, complete with all accessories, connections, testing and commissioning etc. as required. With 5 year warranty. | | | | | |
| i) | LED Batten 20W, 4 feet long Make: Crompton (Cat no. CCS-100-20-65-HL2-DP-NWH)/Bajaj/Wipro | 8 | 761 | Rupees Seven Hundred Sixty One Only | Each | 6088 |
| 10 | Providing, installation, testing and commissioning of ceiling fan ISI mark with electronic fan regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required. With 3 rated star | | | | | |

| | | | | | | |
|----|--|---|---------|---|------|-------|
| i) | Ceiling Fan 1200 mm sweep, Cat-A (Make: Crompton Model: WWHE ISI/ Usha/ Bajaj) | 4 | 2547.00 | Rupees Two Thousand Five Hundred Forty Seven Only | each | 10188 |
| 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:- | | | | | |
| i) | Exhaust Fan, Light duty, (Domestic) 225 mm sweep (Make: Crompton, Model : Flux Air metal)/Usha/ Bajaj | 1 | 1945.00 | Rupees One Thousand Nine Hundred Forty Five Only | each | 1945 |
| 12 | Supplying and fixing 6 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. | | | | | |
| i) | Single pole (Make:- Schneider/ Legrand/L&T) | 6 | 265.00 | Rupees Two Hundred Sixty Five Only | each | 1590 |
| 13 | Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. | | | | | |
| i) | 40 Amps. (Make:- Schneider/ Legrand/L&T) | 1 | 488.00 | Rupees Four Hundred Eighty Eight Only | each | 488 |
| 14 | Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, 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. | | | | | |
| i) | 40 Amps. (Make:- Schneider/ Legrand/L&T) | 1 | 2715.00 | Rupees Two Thousand Seven Hundred Fifteen Only | each | 2715 |
| 15 | Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V. on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/isolator) | | | | | |
| i) | Double door-12 way (Make:- Schneider/ Legrand/L&T) | 1 | 2309.00 | Rupees Two Thousand Three Hundred Nine Only | each | 2309 |

| | | | | | | |
|----|--|----|---------|---|------|------|
| 16 | 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 | 6188.00 | Rupees Six Thousand One Hundred Eighty Eight Only | Set. | 6188 |
| 17 | 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 | 41.00 | Rupees Forty One Only | Mtr. | 1230 |
| 18 | Supplying and fixing bakelite batten/angle holder including connections etc. as required:- | 2 | 98.00 | Rupees Ninety Eight Only | each | 196 |
| 19 | Providing and erection of LED 20 watt street light luminaries of Crompton Greaves Electric having cat No. /ordering code LSTS-20-CDL-M , powder coated pressure die-cast aluminium SMDLED streetlight with heat resistant toughened glass it should be compatible with specification i.e. power factor ≥ 0.9 , Harmonic Distortion $< 10\%$ and efficiency ≥ 100 Lumens per watt, CRI rating > 70 suitable for input voltage: AC 220-240 V, 50 Hz, including connection, testing and commissioning etc. as required. With 5 year warranty. | | | | | |
| i) | Street light fixture 20 watt LED with Lens, Make: Crompton (cat No. LSTS-20-CDL-M)/Bajaj/Wipro | 1 | 1902.00 | Rupees One Thousand Nine Hundred Two Only | each | 1902 |
| 20 | Supplying and erection of street light bracket made of G.I. pipe 'A' class of suitable length and dia, the pipe bended 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:- | | | | | |
| i) | 40 mm dia. G.I. pipe, heavy class | 1 | 787.00 | Rupees Seven Hundred Eighty Seven Only | each | 787 |
| 21 | Supplying and fixing Ding-Dong / Electronic musical bell, suitable for D.C./A.C. single phase, 230 volts complete as required:- | 1 | 187.00 | Rupees One Hundred Eighty Seven Only | each | 187 |

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|----|--|---|---------|--|------|--------|
| 22 | Providing & fixing surface/ recess mounting LED liminaire of following rating with powder coated CRCA housing with high power LED's diffuser to avoid glare it should be compatible with specification i.e. Power factor > 0.9, harmonic distortion <10% and efficacy \geq 100 Lumens per watt, CRI rating > 70 suitable for input voltage: AC 220-240 V, 50 Hz with all accessories, connections, testing and commissioning etc. as required. Make:-Crompton, Bajaj, Jaquar..With 5 year warranty. | | | | | |
| i) | LED Down Light 12W (Make:- Crompton Cat no. LCDSPLN-R-12-CDL) Bajaj/Jaquar. | 1 | 1271.00 | Rupees One Thousand Two Hundred Seventy One Only | each | 1271 |
| 23 | Providing and fixing of IP65 LED Bulk head 10 W +/- 1W with system efficacy \geq 100lm/W with Aluminium housing P.F.>0.95 with THD<10% ,CCT 5700 K,CRI 70, Surge Protection 4 Kv.The LED with Useful life of 50000 Hrs at L70 with 5- years warranty.The Input voltage range shall be 150V to 270V, 50/60 HZ complete with all accessories, including connections, testing and commissioning etc.as required complete in all respects. With 5 year warranty. | | | | | |
| i) | Bulk Head Light LED 10 W (Make:- Bajaj Cat no.BIBWP 10W LED)/Mipro/Panasonic. | 1 | 1415.00 | Rupees One Thousand Four Hundred Fifteen Only | each | 1415 |
| 24 | Providing and fixing LED Bulb 9 watts to 10 watt in the existing fixture as required complete in all respect. | 2 | 150.00 | Rupees One Hundred Fifty Only | each | 300 |
| | Total | | | | | 133006 |

Detail schedule of quantity checked and approved for 133006/09

Executive Engineer
Electrical Division
HPPWD Palampur

DRAFT SCHEDULE OF QUANTITY

| DRAFT SCHEDULE OF QUANTITY | | | | | | |
|---|--|----------|---------|--|-----------|--------|
| NAME OF WORK :- C/O Combined office building at Indora in Tehsil Indora Dist Kangra (HP) (SH:- Prov. LAN therein). | | job No 5 | | ESTIMATED COST: Rs.4,51,807/-only. EARNEST MONEY: Rs.10,000/- only TIME ALLOWED:Two Year | | |
| SR. NO. | DESCRIPTION | QTY. | RATES | | UNIT | AMOUNT |
| | | | FIGURES | WORDS | | |
| 1 | Supplying and fixing of following sizes of PVC conduit of medium class with 1.4 mm thickness along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required:- (Make: BEC Plast/AnchorPolyFit) . | | | | | |
| | 25 mm. dia | 515 | 113.00 | Rupees One Hundred Thirteen Only | Per meter | 58195 |
| 2 | Supplying and fixing of G.I Modular box of 2 module along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required for LAN connections. (Makes:- L&T/Legrand/Anchor). | 37 | 133.00 | Rupees One Hundred Thirty Three Only | Each | 4921 |
| 3 | Providing and drawing LAN cable CAT6 UTP LS0H, UL & ETL Certified, in existing PVC conduit/ casing and capping as required to have complete solution in all respects and to best staisfaction of engineer in charge. (Makes:- Molex/Belden /Systimax/ Corning/ DLINK). | 1245 | 70.00 | Rupees Seventy Only | Per meter | 87150 |
| 4 | Providing and fixing 24 Port panel (unloaded type) should be made of cold rolled steel, labeling strip for identification, and Underwriters laboratories listed as required to have complete solution in all respects and to best staisfaction of engineer in charge. (Makes:- Molex/Belden /Systimax/ Corning/ DLINK). | 3 | 5738.00 | Rupees Five Thousand Seven Hundred Thirty Eight Only | Each | 17214 |
| 5 | Providing and fixing Face plate Single Port square plate, 86MMX86MM with plug in icons icon tree, write on labels in transparent plastic window- supplied with plate, should be UL listed, making connection, testing etc. as required to have complete solution in all respects and to best staisfaction of engineer in charge. (Makes:- Molex/Belden /Systimax/ Corning/ DLINK). | 32 | 155.00 | Rupees One Hundred Fifty Five Only | Each | 4960 |

| | | | | | | |
|----|---|----|----------|---|------|--------|
| | Providing and fixing Face Plate Dual Port square plate, 86MMX86MM with plug in icons icon tree, write on labels in transparent plastic window- supplied with plate, should be UL listed, making connection, testing etc or as required complete in all respects and to the best satisfaction of Engineer-in-charge. (Makes:- Molex/Belden /Panduit / Corning/ Dlink). | 5 | 179.00 | Rupees One Hundred Seventy Nine Only | Each | 895 |
| 6 | Supplying, Installation and fixing of CAT6 information outlet(I/O) shuttered of following colours conforming to Cat 6 Standards, as required to have complete solution in all respects and to best satisfaction of engineer in charge. (Makes:- Molex/Belden /Systimax/ Corning/ DLINK). | | | | | |
| | White or any color | 72 | 255.00 | Rupees Two Hundred Fifty Five Only | Each | 18360 |
| | Yellow or any color | 16 | 255.00 | Rupees Two Hundred Fifty Five Only | Each | 4080 |
| 7 | Providing and patching CAT6 patch cord UTP LSZH 0.5 meter of following colours as required to have complete solution in all respects and to best satisfaction of engineer in charge. (Makes:- Molex/Belden /Systimax/ Corning/ DLINK). | | | | | |
| | Grey/ White or any color | 42 | 284.00 | Rupees Two Hundred Eighty Four Only | Each | 11928 |
| | Yellow or any color | 16 | 284.00 | Rupees Two Hundred Eighty Four Only | Each | 4544 |
| 8 | Providing and patching CAT6 patch cord UTP LSZH 2 meter long cable of grey/ white colour as required to have end-to-end solution complete in all respects and to best satisfaction of engineer in charge. (Makes:- Molex/Belden /Systimax/ Corning/ DLINK). | 42 | 359.00 | Rupees Three Hundred Fifty Nine Only | Each | 15078 |
| 9 | Supplying and termination of RJ-45 Jacks;as required to have complete solution in all respects and to best satisfaction of engineer in charge. Makes:- Dlink/Tyco/Any Standard. | 16 | 49.00 | Rupees Forty Nine Only | Each | 784 |
| 10 | Supplying, Installation Testing and commissioning of 24 port POE switch with 24x10/100/1000 Ports and 4 combo ports (10/100/1000 or 100/1000 SFP).Auto MDI/MDIX adjustment for all twisted-pair ports; 802.3af (PoE); L2 switching and basic security features; or as required to have complete solution in all respects and to best satisfaction of engineer in charge. (Makes:- Dlink/Netgear/Extreme/Cisco/ATI). | 2 | 82743.00 | Rupees Eighty Two Thousand Seven Hundred Forty Three Only | Each | 165486 |

| | | | | | | |
|-------|---|-----|----------|--|------|--------|
| 11 | Supplying, Installation Testing and commissioning of 8 Port Network Switch; or as required to have complete solution in all respects and to best satisfaction of engineer in charge. (Makes:- Extreme/Dlink/Netgear/Rukus). | 2 ✓ | 10588.00 | Rupees Ten Thousand Five Hundred Eighty Eight Only | Each | 21176 |
| 12 | Providing and fixing of 6U Wall mount Rack with 1x PDU, 1 x Cable Manager 1U PVC loops, 1 x Hardware pkt of 10, to the best satisfaction of engineer in charge. (Makes:- Comrack/Dlink/APC/Netrack/WBOX). | 3 ✓ | 9092.00 | Rupees Nine Thousand Ninety Two Only | Each | 27276 |
| 13 | Providing and fixing of 2U Wall Mount Rack with 1x PDU, 1 x Hardware pkt of 10, to the best satisfaction of engineer in charge. (Makes:- Comrack/Dlink/APC/Netrack/WBOX). | 4 ✓ | 2440.00 | Rupees Two Thousand Four Hundred Forty Only | Each | 9760 |
| Total | | | | | | 451807 |

Doctr Schedule of quantity checked and quoted for 451807 only

K. S. Srinivasan
Executive Engineer
Electrical Division
HPPWD, Palampur

DRAFT SCHEDULE OF QUANTITY

| DRAFT SCHEDULE OF QUANTITY | | | | | | |
|--|---|----------|----------|--|---------|--------|
| NAME OF WORK :- C/O Combined office building at Indora in Tehsil Indora Distt Kangra (HP) (SH:- Prov. EPABX therein). | | Job No 6 | | ESTIMATED COST: Rs.3,00,593/-only. EARNEST MONEY: Rs.6100/- only TIME ALLOWED:Two Year | | |
| SR. NO. | DESCRIPTION | QTY. | RATES | | UNIT | AMOUNT |
| | | | FIGURES | WORDS | | |
| 1 | Supplying and fixing of following sizes of PVC conduit of medium class with 1.4 mm thickness along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required:- (Make: BEC Plast/Anchor/PolyFit). | | | | | |
| | 25 mm. dia | 350 | 113.00 | Rupees One Hundred Thirteen Only | P/Meter | 39550 |
| 2 | Supplying, Installation, Testing and Commissioning of Hybrid IP-PBX with minimum 9CO + 30 SLT Extension and expandable up to 100 IP Users, 99 SIP Trunks and 6 universal slots or as required to have complete solution in all respects and to best satisfaction of engineer in charge. (Makes:- Matrix/Avaya/Alcatel/NEC). | 1 | 82239.00 | Rupees Eighty Two Thousand Two Hundred Thirty Nine Only | Each | 82239 |
| 3 | Providing and fixing Corded Landline phone with adjustable Handset volume ;Missed call notification;incoming call memory;real time clock with date,time and year or as required to have complete solution in all respects and to best satisfaction of engineer in charge. (Makes:- Matrix/Avaya/Alcatel/Beetel). | 30 | 2559.00 | Rupees Two Thousand Five Hundred Fifty Nine Only | Each | 76770 |
| 4 | Providing and fixing 50 pair MDF box with krones or as required to have complete solution in all respects and to best satisfaction of engineer in charge. (Makes:- Matrix/Avaya/Alcatel/NEC). | 1 | 7670.00 | Rupees Seven Thousand Six Hundred Seventy Only | Each | 7670 |
| 5 | Providing and fixing of 5 stage IPM per pair or as required to have complete solution in all respects and to be best satisfaction of engineer in charge. (Makes:- Matrix/Avaya/Alcatel/NEC). | 30 | 604.00 | Rupees Six Hundred Four Only | Each | 18120 |
| 6 | Supplying,Installation and fixing of 10 pair IDF or as required to have complete solution in all respects and to best satisfaction of engineer in charge. (Makes:- Matrix/Avaya/Alcatel/NEC). | 3 | 2025.00 | Rupees Two Thousand Twenty Five Only | Each | 6075 |

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|----|--|-----|----------|--|---------|--------|
| 7 | Supplying, Installation and fixing 2 Pair Multicore Telephone Cable 0.5 mm as required to have end-to-end solution complete in all respects and to best satisfaction of engineer in charge. (Makes:- NEC/Finloex/Deltron/Plaza). | 620 | 51.00 | Rupees Fifty One Only | P/Meter | 31620 |
| 8 | Supplying, Installation Testing and commissioning 5 Pair Multicore Telephone Cable 0.5 mm as required to have complete solution in all respects and to best satisfaction of engineer in charge. (Makes:- NEC/Finloex/Deltron/Plaza). | 60 | 65.00 | Rupees Sixty Five Only | P/Meter | 3900 |
| 9 | Supplying, Installation, Testing and Commissioning Jumper Wire as required to have complete solution in all respects and to best satisfaction of engineer in charge. (Makes:- NEC/Finloex/Deltron/Plaza). | 30 | 182.00 | Rupees One Hundred Eighty Two Only | P/Meter | 5450 |
| 10 | Supplying, Installation Testing and commissioning Modular Telephone Socket with line cord; as required to have complete solution in all respects and to best satisfaction of engineer in charge. (Makes:- Matrix/Avaya/Alcatel/NEC). | 30 | 594.00 | Rupees Five Hundred Ninety Four Only | Each | 17820 |
| 11 | Providing and fixing of 9U/500MMMD 1 Section Wall mount Rack with 1x PDU (6 X 5A) and 1.5m feed cable and 3 pin plug, 1 x Cable Manager 1U PVC loops, 1 x Hardware pkt of 10, to the best satisfaction of engineer in charge. (Makes:- Comrack/ APC/ Netrack/ WBOX/ D-Link). | 1 | 11369.00 | Rupees Eleven Thousand Three Hundred Sixty Nine Only | Each | 11369 |
| | Total | | | | | 300593 |

Draft Schedule of quantity checked and approved for 3005931 by

[Signature]
Executive Engineer
Electrical Division
HPPWD Palampur

DRAFT SCHEDULE OF QUANTITY

| NAME OF WORK:-C/O Ayurvedic Health Centre Building at Minta in Tehsil Fatehpur Distt. Kangra (HP)(SH:- Providing EI there in). | | Job No. 67 | | ESTIMATED COST: Rs.2,16,234/-only. EARNEST MONEY: Rs.4400/-only TIME ALLOWED: Two Year | | |
|--|---|------------|---------|--|-------|--------|
| Sr. No. | DESCRIPTION | QTY. | RATES | | UNIT | AMOUNT |
| | | | FIGURES | WORDS | | |
| 1 | Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required. Make: KEI/ Plaza/Anchor & Anchor/SSK/SCI | | | | | |
| i) | Group C. | 43 | 1712.00 | Rupees One Thousand Seven Hundred Twelve Only | Pt. | 73616 |
| 2 | Wiring for power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required. Make: KEI/Plaza/Anchor/SCI. | 35 | 473.00 | Rupees Four Hundred Seventy Three Only | Meter | 16555 |
| 3 | Wiring for power plug with 4X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 2 Nos 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required. Make: KEI/Plaza/Anchor/SCI | 28 | 755.00 | Rupees Seven Hundred Fifty Five Only | Meter | 21140 |
| 4 | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. Make: KEI/Plaza/Anchor/SCI | | | | | |
| i) | 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire | 80 | 335.00 | Rupees Three Hundred Thirty Five Only | Mtr. | 26800 |
| ii) | 2 X 10 sq. mm + 1 X 6 sq. mm earth wire | 3 | 793.00 | Rupees Seven Hundred Ninety Three Only | Mtr. | 2379 |
| 5 | Supplying and drawing following sizes of FRLS PVC insulated copper conductor,single core cable in the existing surface/ recessed steel/ PVC conduit as required. Make: KEI/Plaza/Anchor/SCI | | | | | |

| | | | | | | |
|----|---|----|---------|---|------|-------|
| i) | 3 x 1.5 sq. mm | 40 | 111.00 | Rupees One Hundred Eleven Only | Mtr. | 4440 |
| 6 | 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. (Make: BEC Plast/Anchor/Finolex/PolyFit. | | | | | |
| i) | 50 mm. dia | 5 | 261.00 | Rupees Two Hundred Sixty One Only | Mtr. | 1305 |
| 7 | Supplying and fixing metal box of 150mm X 75mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover including providing and fixing 3 pin 5/6 amps socket outlet and 5/6 amps piano type switch. connection, painting etc. as required. Make: Anchor/SSK | 5 | 290.00 | Rupees Two Hundred Ninety Only | each | 1450 |
| 8 | Supplying and fixing metal box of 180mm X 100mm X 60mm deep (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover including providing and fixing 6 pin 5/6 & 15/16 amps socket outlet and 15/16 amps piano type switch. connection, painting etc. as required. Make: Anchor/SSK | 4 | 485.00 | Rupees Four Hundred Eighty Five Only | each | 1940 |
| 9 | Supplying & fixing following type of Surface mounted luminaires, white power coated CRCA housing diffuser to avoid glare. it should be compatible with specification i.e. Power Factor > 0.9, Harmonic Distortion < 10% and efficacy ≥100 Lumens per watt, CRI rating >70 suitable for input voltage: AC 220-240 V, 50 Hz. complete with all accessories, connections, testing and commissioning etc. as required with 5 Year Warranty. | | | | | |
| i) | LED Batten 20W, 4 feet long Make: Crompton (Cat no. CCS-100-20-65-HL2-DP-NWH)/Bajaj/Wipro | 20 | 761 | Rupees Seven Hundred Sixty One Only | Each | 15220 |
| 10 | Providing, Installation, testing and commissioning of ceiling fan ISI mark with electronic fan regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required with 3 rated star | | | | | |
| i) | Ceiling Fan 1200 mm sweep, Cat-A (Make: Crompton Model: WWHE ISI)/Usha/ Bajaj | 7 | 2547.00 | Rupees Two Thousand Five Hundred Forty Seven Only | each | 17829 |

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|----|--|----|---------|---|------|------|
| 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:- | | | | | |
| i) | Exhaust Fan, Light duty, (Domestic) 225 mm sweep (Make: Crompton, Model : Flux Air metal)/Usha/ Bajaj | 5 | 1945.00 | Rupees One Thousand Nine Hundred Forty Five Only | each | 9725 |
| 12 | Supplying and fixing 6 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. | | | | | |
| i) | Single pole (Make:- Schneider/ Legrand/L&T) | 10 | 265.00 | Rupees Two Hundred Sixty Five Only | each | 2650 |
| 13 | Supplying and fixing following rating, double pole, 240 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. | | | | | |
| i) | 40 Amps. (Make:- Schneider/ Legrand/L&T) | 1 | 488.00 | Rupees Four Hundred Eighty Eight Only | each | 488 |
| 14 | Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, 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. | | | | | |
| i) | 40 Amps. (Make:- Schneider/ Legrand/L&T) | 1 | 2715.00 | Rupees Two Thousand Seven Hundred Fifteen Only | each | 2715 |
| 15 | Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) | | | | | |
| i) | Double door-16 way (Make:- Schneider/ Legrand/L&T) | 1 | 2954.00 | Rupees Two Thousand Nine Hundred Fifty Four Only | each | 2954 |
| 16 | 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 | 6188.00 | Rupees Six Thousand One Hundred Eighty Eight Only | Set. | 6188 |

| | | | | | | |
|----|--|----|---------|---|------|--------|
| 17 | 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 | 41.00 | Rupees Forty One Only | Mtr. | 1230 |
| 18 | Supplying and fixing bakelite batten/angle holder including connections etc. as required:- | 9 | 98.00 | Rupees Ninety Eight Only | each | 882 |
| 19 | Providing and erection of LED 20 watt street light luminaries of Crompton Greaves Electric having cat No. /ordering code LSTS-20-CDL-M, powder coated pressure die-cast aluminium SMDLED streetlight with heat resistant toughened glass. it should be compatible with specification i.e. power factor ≥ 0.9 , Harmonic Distortion $< 10\%$ and efficiency ≥ 100 Lumens per watt, CRI rating > 70 suitable for input voltage: AC 220-240 V, 50 Hz, including connection, testing and commissioning etc. as required. | | | | | |
| i) | Street light fixture 20 watt LED with Lens, Make: Crompton (cat No. LSTS-20-CDL-M)/Bajaj/Wipro | 2 | 1902.00 | Rupees One Thousand Nine Hundred Two Only | each | 3804 |
| 20 | Supplying and erection of street light bracket made of G.I. pipe 'A' class of suitable length and dia. the pipe bended 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:- | | | | | |
| i) | 40 mm dia. G.I. pipe, heavy class | 2 | 787.00 | Rupees Seven Hundred Eighty Seven Only | each | 1574 |
| 21 | Providing and fixing LED Bulb 9 watts to 10 watt in the existing fixture as required complete in all respect. | 9 | 150.00 | Rupees One Hundred Fifty Only | each | 1350 |
| | Total | | | | | 216234 |

Draft Schedule of Quantity checked and approved for 216234/09

Executive Engineer
Electrical Division
HPPWD, Palampur

SCHEDULE OF QUANTITY

| SCHEDULE OF QUANTITY | | | | | | |
|---|---|------------|---------|--|-------|--------|
| NAME OF WORK:-Replacement of wiring,providing and fixing heating points,computer points,wall fans,ceiling fans,LED Tube lights in the existing building of Additional district and Sessions Judge Court at Dehra, Tehsil Dehra, Distt. Kangra(H.P.) | | Job No. 08 | | ESTIMATED COST: Rs.2,05,391/-Only. EARNEST MONEY: Rs.4200/-only TIME ALLOWED: Six Months | | |
| Sr. No. | DESCRIPTION | QTY. | RATES | | UNIT | AMOUNT |
| | | | FIGURES | WORDS | | |
| | 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 steel conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRRFRLS/PVC insulated single core copper conductor cable as required. | | | | | |
| i | Group C. Makes:- Legrand(Myrius),Schlender(Livia),Anchor Roma(Plus)/SCI | 10 | 1823 | Rupees One Thousand Eight Hundred Twenty Three Only | P/Pt | 18230 |
| 2 | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required | | | | | |
| i | 2X1.5Sq.mm+1X1.5Sq.mm Earth wire | | | | | |
| | Makes: Plaza/KEI/SCI | 60 | 326 | Rupees Three Hundred Twenty Six Only | P/Mtr | 19560 |
| 3 | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. | | | | | |
| i | 2X2.5Sq.mm+1X2.5Sq.mm Earth wire | | | | | |
| | Makes: Plaza/KEI/SCI | 10 | 395 | Rupees Three Hundred Ninety Five Only | P/Mtr | 3950 |
| 4 | Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit alongwith 1 No 4 sq.mm FRLS PVC insulated copper conductor single core cable for loop earthing as required. | | | | | |
| i | Makes: Plaza/KEI/SCI | 65 | 471 | Rupees Four Hundred Seventy One Only | P/Mtr | 30615 |

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|----|--|----|------|---|-------|-------|
| 5 | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required | | | | | |
| i | 2 X 10 sq. mm + 1 X 6 sq. mm earth wire | 30 | 793 | Rupees Seven Hundred Ninety Three Only | P/Mtr | 23790 |
| | Makes: Plaza/KEI/SCI | | | | | |
| 6 | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. | | | | | |
| i | 3X1.5 Sq.mm | 10 | 111 | Rupees One Hundred Eleven Only | P/Mtr | 1110 |
| ii | 3X4Sq.mm | 40 | 253 | Rupees Two Hundred Fifty Three Only | P/Mtr | 10120 |
| | Makes: Plaza/KEI/SCI | | | | | |
| 7 | Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3Nos. 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. (For light plugs to be used in NR Buildings). | | | | | |
| i | 12 Module (200mmX150mm) | | | | | |
| | Makes:- Legrand(Myrius),L&T(Oris),Anchor Roma(Plus) | 6 | 1131 | Rupees One Thousand One Hundred Thirty One Only | Each | 6786 |
| 8 | Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. | | | | | |
| i | Makes: Legrand(Myrius),Schneider(Livia),Anchor Roma(Plus) | 10 | 582 | Rupees Five Hundred Eighty Two Only | Each | 5820 |
| 9 | Supplying and fixing suitable size GI box with modular plate and cover in FRLS on surface or in recess, including providing and fixing 6 pin 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required. | | | | | |
| i | Makes: Legrand(Myrius),Schneider(Livia),Anchor Roma(Plus) | -8 | 750 | Rupees Seven Hundred Fifty Only | Each | 6000 |
| 10 | 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:- | | | | | |

| | | | | | | |
|----|--|----|------|--|-------|-------|
| i | Single pole. Cat-A. | 13 | 265 | Rupees Two Hundred Sixty Five Only | Each | 3445 |
| | Makes: Legrand,Schiender,L&T | | | | | |
| 11 | Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. | | | | | |
| i | 63 Amps. Cat-A. | 3 | 616 | Rupees Six Hundred Sixteen Only | Each | 1848 |
| | Makes:- Legrand,Schiender,L&T | | | | | |
| 12 | Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 miliampers in the existing MCB DB complete with connections, testing and commissioning etc. as required. | | | | | |
| i | 63 Amps. Cat-A. | 1 | 3616 | Rupees Three Thousand Six Hundred Sixteen Only | Each | 3616 |
| | Makes: Legrand,Schiender,L&T. | | | | | |
| 13 | 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.(But without MCB/RCCB/isolator). | | | | | |
| | Makes: Legrand,Schiender,L&T | | | | | |
| i | Double door-12way | 2 | 2309 | Rupees Two Thousand Three Hundred Nine Only | Each | 4618 |
| 14 | 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. | 2 | 5819 | Rupees Five Thousand Eight Hundred Nineteen Only | P/Set | 11638 |
| 15 | 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. | 40 | 33 | Rupees Thirty Three Only | P/Mtr | 1320 |
| 16 | Supplying and fixing Ding dong bell suitable for single phase, 230 volts, complete as required. | | | | | |
| i | Makes: Anchor/Goldmedal/SSK | 2 | 187 | Rupees One Hundred Eighty Seven Only | Each | 374 |

| | | | | | | |
|----|---|----|------|---|------|-------|
| 17 | Providing, Installation, testing and commissioning of ceiling fan without regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required. | | | | | |
| i | Ceiling Fan 1200 mm sweep, Category-A | 4 | 3191 | Rupees Three Thousand One Hundred Ninety One Only | Each | 12764 |
| | Make:- Usha(Technix Plus), Bajaj, Crompton with 3 rated star | | | | | |
| 18 | Providing and installation 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: | | | | | |
| i | Exhaust Fan, Light duty, (Domestic) 300 mm sweep | 1 | 2269 | Rupees Two Thousand Two Hundred Sixty Nine Only | Each | 2269 |
| | Make:Usha(AEROCLEAN PLUS DBB), Bajaj, Crompton | | | | | |
| | Supplying and fixing of LED Tube Light 20watts ,5700K ,(Five YEAR WARRANTY) and it should be compatible with specification e.i. Power Factor > .9, Harmonic Distortion<10% and efficacy >100 Lumens per watt, suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning etc as required.(With Five years warranty) | | | | | |
| 19 | | | | | | |
| i | LED Tube Light 4Feet Long | | | | | |
| | Makes: Havells, Panasonic, wipro or as approved by Engineer-in-Charge | 10 | 1033 | Rupees One Thousand Thirty Three Only | Each | 10330 |
| | Supplying and fixing of LED Flood light Luminaire comprises of Al Die cast Housing with frame, High Purity PC lens Diffuser, cradle mounting, minimum system lumens of 5000. The luminaire shall have CCT of 5700K and CRI of minimum 80, PF>0.95 and THD>10%. The luminaire shall have IP66 and IK08 protection. The LED shall be compliant with Useful L70 life of 50000 Hrs. Driver efficiency should be 85% to operate in input voltage range of 100V to 270V (nominal rated voltage – 240V) with 4 KV internal surge protection. With Five years warranty) | | | | | |
| 20 | | | | | | |
| i | LED Flood Light 30 Watts | | | | | |

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|----|--|---|------|---|------|--------|
| | Makes: Bajaj (Model -Cat No -GLEAM F 33L WH SY PC SD V2-30W)/Panasonic/wipro | 2 | 4498 | Rupees Four Thousand Four Hundred Ninety Eight Only | Each | 8996 |
| 21 | Providing and installation Wall 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: | | | | | |
| i | Wall Fan 300 mm sweep | | | | | |
| ii | Make:- Usha,Bajaj,Crompton. | 6 | 3032 | Rupees Three Thousand Thirty Two Only | Each | 18192 |
| | Total | | | | | 205391 |

Draft Schedule of quantity checked and approved for Rs 205391/-

[Signature]
 Executive Engineer
 Electrical Division
 HPPWD Palampur

DRAFT SCHEDULE OF QUANTITY

| DRAFT SCHEDULE OF QUANTITY | | | | | | |
|--|--|------|-------------|--|---|--------|
| NAME OF WORK :- C/O Additional Accommodation for Govt. Sr. Sec. School Lag Baliana, Distt Kangra(HP). (2 Rooms in Ground Floor with Verandah) (SH: Providing E.I there in). | | | job No. 189 | | ESTIMATED COST: Rs 1,27,895/-only. EARNEST MONEY: Rs.2600/-only TIME ALLOWED:One Year | |
| SR. NO. | DESCRIPTION | QTY. | RATES | | UNIT | AMOUNT |
| | | | FIGURES | WORDS | | |
| 1 | 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 steel conduit with modular switch, modular plates, suitable G.I. box and earthing the light point with 1.5 Sq.mm. HRRFLS/PVC insulated single core copper conductor cable as required. | | | | | |
| i | Group C. Makes:- Legrand(Myrius),Schieder(Livia),Anchor Rom | 26 | 1824 | Rupees One Thousand Eight Hundred Twenty Four Only | P/Pt | 47424 |
| 2 | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. | | | | | |
| i | 2X2.5Sq.mm+1X2.5Sq.mm Earth wire | | | | | |
| | Makes: Plaza/KEI/SCI | 25 | 395 | Rupees Three Hundred Ninety Five Only | P/Mtr | 9875 |
| 3 | Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required | | | | | |
| i | 2 X 10 sq. mm + 1 X 6 sq. mm earth wire | 5 | 793 | Rupees Seven Hundred Ninety Three Only | P/Mtr | 3965 |
| | Makes: Plaza/KEI/SCI | | | | | |
| 4 | Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required. | | | | | |
| i | 3X2.5Sq.mm | 10 | 171 | Rupees One Hundred Seventy One Only | P/Mtr | 1710 |

| | | | | | | |
|---|---|---|------|---|------|------|
| | Makes: Plaza/KEI/SCI | | | | | |
| 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 DB complete with connections etc. as required:- | | | | | |
| i | Single pole. Cat-A. | 4 | 226 | Rupees Two Hundred Twenty Six Only | Each | 904 |
| | Makes: Legrand,Schiender,Anchor. | | | | | |
| 6 | Supplying and fixing following rating, double pole, 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. | | | | | |
| i | 40 Amps. Cat-A. | 1 | 409 | Rupees Four Hundred Nine Only | Each | 409 |
| | Makes:- Legrand,Schiender,Anchor. | | | | | |
| 7 | Supplying and fixing following rating, double pole (single phase & neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current up to 300 milliampers in the existing MCB DB complete with connections, testing and commissioning etc. as required. | | | | | |
| i | 40Amps. Cat-A. | 1 | 2238 | Rupees Two Thousand Two Hundred Thirty Eight Only | Each | 2238 |
| | Makes: Legrand,Schiender,Anchor. | | | | | |
| 8 | 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.(But without MCB/RCCB/isolator). | | | | | |
| | Makes: Legrand,Schiender,Anchor. | | | | | |
| i | Double door-8 way | 1 | 1606 | Rupees One Thousand Six Hundred Six Only | Each | 1606 |

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|----|--|----|------|---|-------|-------|
| 9 | 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. (but with charcoal/ coke and salt) as required. | 1 | 4624 | Rupees Four Thousand Six Hundred Twenty Four Only | P/Set | 4624 |
| 10 | 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. | 20 | 33 | Rupees Thirty Three Only | P/Mtr | 660 |
| 11 | Supplying and fixing of LED Tube Light 20watts ,5700K ,(Five YEAR WARRANTY) and it should be compatible with specification e.i. Power Factor > .9, Harmonic Distortion<10% and efficacy >100 Lumens per watt, suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing and commissioning etc as required. (With Five years warranty) | | | | | |
| i | LED Tube Light 4Feet Long | | | | | |
| | Makes: Havells, Panasonic, wipro | 14 | 1663 | Rupees One Thousand Six Hundred Sixty Three Only | Each | 23282 |
| 12 | Providing and installation of following type of surface mounting square/round type LED panel Light with aluminium die cast housing in white finish with anti glare polycarbonate diffuser and separated energy efficient constant current, nonintegral, electronic driver, suitable for input voltage: AC 220-240 V, 50/60Hz, complete with all accessories, connections, testing etc. as required. (With Five years warranty) | | | | | |
| i | LED Downlighter 18Watts | 2 | 1254 | Rupees One Thousand Two Hundred Fifty Four Only | Each | 2508 |
| ii | Makes: Bajaj (Model -BPSLR Surface 18 W LED RD SD)/Panasonic/ ,wipro | | | | | |

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|----|--|----|------|---|------|--------|
| 13 | Providing, Installation, testing and commissioning of ceiling fan without regulator, including wiring the down rods of standard length (up to 30 cm) with 16/0.20 mm twin twisted flexible, cotton braided, copper cable, including providing and fixing phenolic laminated sheet cover on the fan box and earthing etc. as required: (With Five years warranty) | | | | | |
| i | Ceiling Fan 1200 mm sweep, Category-A | | | | | |
| | Make:- Usha(Technix Plus), Bajaj, Anchor | 10 | 2869 | Rupees Two Thousand Eight Hundred Sixty Nine Only | Each | 28690 |
| | Total | | | | | 127895 |

Draft Schedule of Quantity checked and proved for 21/2/2025

Executive Engineer
Electrical Division
HPPWD Palampur

SCHEDULE OF QUANTITY

| NAME OF WORK :- Repair and maintenance of HVAC system in OT's of Treatment Block 5,Radiology Dept. Ground Floor, Maternity Block 6, Minor OT's of Casualty Block 7 etc. Dr. RPGMC Tanda. (SH:- Repair & Rewiring of motor starter panel of Air Handling Units (AHU) of HVAC system 500 bedded hospital Dr. RPGMC Kangra at Tanda). | | Job No 10 | | ESTIMATED COST: Rs.3,67,752/-only. EARNEST MONEY: Rs.7400/-only TIME ALLOWED: Three Months | | |
|--|---|-----------|---------|--|------|--------|
| SR. NO. | DESCRIPTION | QTY. | RATES | | UNIT | AMOUNT |
| | | | FIGURES | WORDS | | |
| 1 | Supplying and Fixing of 32/63 amps. rating, 50 KA breaking capacity, 415 volts, D- Sine type, Molded Case circuit breaker of following poles in the existing panel complete with connections etc. as required complete in all respects. | | | | | |
| 1.1 | MCCB 32 / 63 Amp D Sine Type | 24 | 5798.00 | Rupees Five Thousand Seven Hundred Ninety Eight Only | Each | 139152 |
| | Makes:- L&T/Legrand/Schneider. | | | | | |
| 2 | Supplying and fixing of 6 amps. to 32 amps. rating, 10 KA breaking capacity, 240 volts, 'D' curves, miniature circuit breaker of following poles in the existing complete with connections etc. as required:- | | | | | |
| 2.1 | MCB 6 Amp to 32 Amps D curve. | 20 | 401.00 | Rupees Four Hundred One Only | Each | 8020 |
| | Makes:- L&T/Legrand/Schneider. | | | | | |
| 3 | Supplying and Fixing of 3 Pole Power Contactors- MNX 32 type with connections etc. as required complete in all respects. | | | | | |
| 3.1 | 3 Pole Power Contactors- MNX 32 type | 20 | 3157 | Rupees Three Thousand One Hundred Fifty Seven Only | Each | 63140 |
| | Makes:- L&T/Legrand/Schneider. | | | | | |
| 4 | Supplying and Fixing of Front Mounting Add- on contact Block 2 NO + 2 NC Suitable for MNX Contactor with connections etc. as required complete in all respects. | 20 | 616 | Rupees Six Hundred Sixteen Only | Each | 12320 |
| | Makes:- L&T/Legrand/Schneider. | | | | | |

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|-----|--|----|---------|---|-------|--------|--|
| 5 | Supplying and Fixing of Thermal Overload Relay Type MN2 Suitable for MNX Contactor with connections etc. as required complete in all respects. | | | | | | |
| 5.1 | Thermal Overload Relay Type MN2 | 20 | 1633 | Rupees One Thousand Six Hundred Thirty Three Only | Each | 32660 | |
| | Makes:- L&T/Legrand/Schneider. | | | | | | |
| 6 | Supplying and Fixing of Universal LED Indicator Red/Green in the existing panel with connections etc. as required complete in all respects. | | | | | | |
| 6.1 | LED Indicator Red/Green | 40 | 411.00 | Rupees Four Hundred Eleven Only | Each | 16440 | |
| | Makes:- L&T/Legrand/Schneider. | | | | | | |
| 7 | Supplying and Fixing of Push Button Red/Green in the existing panel with connections etc. as required complete in all respects. | | | | | | |
| 7.1 | Push Button Red/Green | 40 | 123.00 | Rupees One Hundred Twenty Three Only | Each | 4920 | |
| | Makes:- L&T/Legrand/Schneider. | | | | | | |
| 8 | Supplying and Fixing of Single Phasing Protection Relay (SPPR) in the existing panel with connections etc. as required complete in all respects. | | | | | | |
| 8.1 | Single Phasing Protection Relay (SPPR) | 20 | 1055.00 | Rupees One Thousand Fifty Five Only | Each | 21100 | |
| | Makes:- L&T/Legrand/Schneider. | | | | | | |
| 9 | Supplying and Fixing of Dressing wire , Sleeve, Thimble, DIN-Rail, wire connector etc as required complete in all respects. | 20 | 3500.00 | Rupees Three Thousand Five Hundred Only | P/Job | 70000 | |
| | Total | | | | | 367752 | |

Do not schedule of quantity checked and approved by 367752

W. S. S. S.
Executive Engineer
Electrical Division
HPPWD Patampur