

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Dean of Infrastructure & Planning

NIT No.- QT/16-05-2024-03

N/W Repairing of damaged electrical installation of vacant houses no. 363 and 370 in Type-3

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| S.No | Description | Qty | Unit | Estimated Rate without GST (Rs) | Estimated Amount without GST (Rs) | Quoted Rate without GST (Rs) | Quoted Amount without GST (Rs) |
|------|--|------|--------|---------------------------------|-----------------------------------|------------------------------|--------------------------------|
| 1 | 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/PVC conduit including dismantling as required. | | | | | | |
| 2 | Group 'A' | 5.00 | Points | 503.29 | 2516.44 | | |

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|----|---|-------|------|--------|---------|--|--|
| 3 | Supplying & drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface / recessed steel / PVC conduit as reqd. | | | | | | |
| 4 | 1 x 1.5 Sq.mm. | 5.00 | Mtr. | 39.46 | 197.28 | | |
| 5 | 3 x 1.5 Sq.mm. | 20.00 | Mtr. | 83.30 | 1665.94 | | |
| 6 | 3 x 4 Sq.mm. | 20.00 | Mtr. | 180.62 | 3612.45 | | |
| 7 | Supplying and fixing following piano type switch /socket on existing switch box/cover including connection etc as reqd. | | | | | | |
| 8 | 5/6 Amp switch | 60.00 | Nos. | 45.59 | 2735.64 | | |
| 9 | 2 way 5/6 amp switch | 2.00 | Nos. | 56.12 | 112.23 | | |
| 10 | 15/16 Amp. switch | 13.00 | Nos. | 106.09 | 1379.22 | | |
| 11 | 3 Pin 5/6 Amp. socket outlet | 25.00 | Nos. | 60.50 | 1512.49 | | |
| 12 | 6 Pin 15/16 Amp. socket outlet. | 13.00 | Nos. | 120.12 | 1561.60 | | |
| 13 | Telephone socket outlet | 4.00 | Nos. | 95.57 | 382.29 | | |
| 14 | Call bell push | 1.00 | Nos. | 72.78 | 72.78 | | |
| 15 | Supplying and fixing 3 pin, 5 amp. Ceiling rose on the existing junction box/ wooden block including connection etc. as reqd. | 30.00 | Nos. | 76.28 | 2288.47 | | |

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|----|--|-------|------|---------|---------|--|--|
| 16 | "Supplying and fixing PVC batten/ angle holder including connections etc. as required." | 15.00 | Nos. | 96.45 | 1446.73 | | |
| 17 | Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) | | | | | | |
| 18 | 16-way, Double door | 1.00 | Nos. | 2754.06 | 2754.06 | | |
| 19 | 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. | | | | | | |
| 20 | Single Pole | 16.00 | Nos. | 224.46 | 3591.41 | | |
| 21 | "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 | | | | | | |

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|----|--|-------|------|---------|---------|--|--|
| | with connections, testing and commissioning etc. as required." | | | | | | |
| 22 | 63 A | 1.00 | Nos. | 2386.67 | 2386.67 | | |
| 23 | S & F of fan regulator rotary switch /socket type on existing switch box/cover I/c connection etc. as reqd. | 7.00 | Nos. | 334.06 | 2338.45 | | |
| 24 | Providing and fixing following sizes of PVC casing and capping on surface as reqd. | | | | | | |
| 25 | 20 x 12 mm | 30.00 | Mtr. | 79.79 | 2393.69 | | |
| 26 | 25 x 16 mm | 15.00 | Mtr. | 88.56 | 1328.36 | | |
| 27 | Supplying and fixing wood box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front etc as required. | | | | | | |
| 28 | 100 mm x 100 mm | 35.00 | Nos. | 172.73 | 6045.59 | | |
| 29 | 175 mm x 100 mm | 7.00 | Nos. | 197.28 | 1380.97 | | |
| 30 | 200 mm x 150 mm | 4.00 | Nos. | 277.95 | 1111.79 | | |
| 31 | Dismantling of switch / socket /regulator/ Internet box I/c cleaning, connecting, commissioning etc. as reqd. | 60.00 | Nos. | 59.62 | 3577.38 | | |

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|----|---|---------|-------|---------|----------|--|--|
| 32 | Dismantling damaged Main switch / DB/TPN Switches/ loose wire boxes along with all accessories and depositing the same in the store as reqd. | 1.00 | Nos. | 383.17 | 383.17 | | |
| 33 | Supplying, fixing, connecting, commissioning & testing of ceiling fan without regulator and double ball bearing type including wiring the down rod of standard length (upto 30cm) with 1.5 sqmm PVC insulated copper wire single core cable complete as reqd. | | | | | | |
| 34 | 1200 mm | 5.00 | Nos | 3068.83 | 15344.15 | | |
| 35 | Supplying & fixing 3mm (1/8") thick phenolic laminated sheet on existing board with brass screw & cup washer etc. as required. | 1000.00 | Sq.cm | 0.60 | 605.00 | | |
| 36 | Dismantling of wooden board of any sizes on surface or in recessed etc as reqd. | 35.00 | Nos. | 39.46 | 1380.97 | | |
| 37 | Supplying, fixing, connecting, commissioning and testing of the following luminaries light fixtures complete with all accessories and with/without lamp as required complete. | | | | | | |
| 38 | Bulk head 10W LED crompton make or equivalent. | 5.00 | Nos | 997.81 | 4989.04 | | |

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|----|---|---|------|---------|--------------------|----------------------------|------------|
| 39 | Supply / fixing , testing & commissioning of 12W LED. Slim surface mounted round LED panel al. die cast body with premium diffuser to ensure glare free as required complete LED make Havells or its equivalent make etc as reqd | 2.00 | Nos. | 1336.26 | 2672.51 | | |
| 40 | Supplying, fixing, connecting, testing & commissioning 10-60A, single phase meter 230V, 50 hz, digital LCD type electronic kWh electronic meter i/c sealing the same (sealing material will be supplied by the dept.) Gurantee card having serial no. of the meter to be submitted in the dept. etc. as reqd. | 1.00 | Nos. | 2045.59 | 2045.59 | | |
| | | Estimated Amount (A) = | | | Rs 73,812/- | Quoted Amount (B) = | Rs. |
| | | Percentage (%) = $\frac{B-A}{A} \times 100$ | | | | | |



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