

# INDIRA GANDHI NATIONAL CENTRE FOR THE ARTS

## SOUTHERN REGIONAL CENTRE, BANGALORE

Name of the work: Electrical works in IGNCA SRC, Bangalore.

### SCHEDULE OF QUANTITY

| Item No.<br>/ Page<br>(1) | Sl.<br>No.<br>(2) | Description of Items<br>(3)  | Unit<br>(4) | Qty<br>(5) | Rate              |                 |
|---------------------------|-------------------|--|-------------|------------|-------------------|-----------------|
|                           |                   |  |             |            | In figures<br>(6) | In words<br>(7) |
| 1.10.3/3                  | 1                 | Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit with modular switch, modular plate, suitable G.I box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc., as required:<br><br>(i) Group – C | Point       | 376        |                   |                 |
| 1.31/9                    | 2                 | Supply 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 outlets and 5/6 Amps modular switch, connection, painting etc., as required.  | Point       | 123        |                   |                 |
| 1.32/9                    | 3                 | Supply and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 Pin 15/16 Amps and 5/6 Amps modular socket outlets and 15/16 Amps modular switch, connection, painting etc., as required.   | Point       | 28         |                   |                 |

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|                           |                   |   |             |            | In figures<br>(6) | In words<br>(7) |
| 2.62/21                   | 4                 | Supply and fixing 20 Amps 240 volt SPN industrial type socket outlets with 2 Pole and earth metal enclosed plug tope along with 20 Amps 'C' series, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlets and complete with connections, testing and commissioning etc., as required.   | Point       | 25         |                   |                 |
| 2.42.4/18                 | 5                 | Supply and fixing following way three pole and neutral, prewired, steel sheet, MCB distribution board, 415 volt, on surface/recess complete with loose wire box, terminal blocks, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc., as required (without MCB).<br><br>(i) 12 way (4 + 36) Single door | Nos.        | 10         |                   |                 |
| 2.42.1/18                 | 6                 | Supply and fixing following way three pole and neutral, prewired, steel sheet, MCB distribution board, 415 volt, on surface/recess complete with loose wire box, terminal blocks, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc., as required (without MCB).<br><br>(i) 4 way (4 + 12) Single door  | Nos.        | 12         |                   |                 |

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|                           |                   |  |                  |               | In figures<br>(6) | In words<br>(7) |
| 2.55/55                   | 5 & 6             | Supply and fixing following rating, 240 volts / 440 volts 'C' Series, miniature circuit breaker suitable for inductive load of following poles in the existing MCBDB complete with connections, testing and commissioning etc., as required.<br><br>(i) Single pole MCB 6 to 32 Amps<br><br>(ii) Triple pole with Neutral MCB 63 Amps                        | Nos.<br><br>Nos. | 504<br><br>22 |                   |                 |
| 1.10.3/3                  | 7 (A)             | Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit with modular switch, modular plate, suitable G.I box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc., as required:<br><br>(i) Group – C | Nos.             | 20            |                   |                 |
| 1.38/10                   | 7 (B)             | Supplying and fixing call bell / buzzer suitable for DC/AC single face, 230 volt complete as required.<br><br>(ii) Group – C   | Nos.             | 20            |                   |                 |
| 1.24.6/8                  | 8<br><br>(i)      | Supplying and fixing following modular switch / sockets on the existing modular plate and switch box including connections but excluding modular plate etc., as required.<br><br>Telephones sockets outlet   | Nos.             | 28            |                   |                 |

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|                           |                   |   |             |            | In figures<br>(6) | In words<br>(7) |
| 1.27.2                    | 8<br><br>(ii)     | Supplying and fixing following size / modules GI Box along with modular base and cover plate for modular switches in recess etc., as required.<br><br>4 Module  | Nos.        | 28         |                   |                 |
| 1.24.7/8                  | 9<br><br>(i)      | Supplying and fixing following modular switch / sockets on the existing modular plate and switch box including connections but excluding modular plate etc., as required.<br><br>TV Antenna Sockets                               | Nos.        | 18         |                   |                 |
| 1.27.2                    | 9<br><br>(ii)     | Supplying and fixing following size / modules GI box along with modular base and cover plate for modular switches in recess etc., as required.<br><br>4 Module  | Nos.        | 18         |                   |                 |
| ---                       | 10                | Supply and laying PVC insulated copper conductor TV circuit cable of ISI marked on surface / conduit as required.   | Mtrs.       | 900        |                   |                 |
| ---                       | 11                | Supply and laying PVC insulated copper conductor armored telephone cable of 0.7 mm dia for the number of pairs as required.   | Mtrs.       | 1300       |                   |                 |
| 1.14.4/4                  | 12<br><br>(i)     | Wiring for circuits / sub main wiring along with earth wire with the following size of PVC insulated copper conductor, single core cable in surface/recessed PVC conduit as required.<br><br>2 x 6 sq.mm + 1 x 6 sq.mm earth wire | Mtrs.       | 800        |                   |                 |

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|                           |                   |  |             |            | In figures<br>(6) | In words<br>(7) |
| 1.14.3/4                  | 13                | Wiring for circuits / sub main wiring along with earth wire with the following size of PVC insulated copper conductor, single core cable in surface / recessed PVC conduit as required.<br><br>(i) 2 x 4 sq.mm + 1 x 4 sq.mm earth wire  | Mtrs.       | 1400       |                   |                 |
| 1.10.3/3                  | 14<br>(A)         | Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface/recessed PVC conduit with modular switch, modular plate, suitable G.I box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc., as required:<br><br>Group – C | Point       | 49         |                   |                 |
| 1.25/8                    | 14<br>(B)         | Supplying and fixing stepped type electronic fan regulator on the existing modular plate, switch box including connection but excluding modular plate etc., as required.   | Nos.        | 49         |                   |                 |
| 1.14.1/4                  | 15                | Wiring for circuits / sub main wiring along with earth wire with the following size of PVC insulated copper conductor, single core cable in surface / recessed PVC conduit as required.<br><br>(i) 2 x 1.5 sq.mm + 1 x 1.5 sq.mm   | Mtrs.       | 1700       |                   |                 |
| 1.12/Ex/3                 | 16                | Laying of one number PVC insulated and PVC sheathed power cable of 1.1 kv grade of size exceeding 25 sq.mm but not exceeding 120 sq.mm on surface as required.   | Mtrs.       | 200        |                   |                 |

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|                           |                   |  |                |            | In figures<br>(6) | In words<br>(7) |
| 1.11/Ex/3                 | 17                | Laying of one number PVC insulated and PVC sheathed power cable of 1.1 kv grade of size not exceeding 25 sq.mm on surface as required.   | Mtrs.          | 350        |                   |                 |
| ---                       | 16 &<br>17<br>(A) | Supplying the following size PVC insulated PVC sheathed, aluminum conductor armored power cable 1.1 kv grade with ISI marked.<br><br>(i) 35 x 3 ½ sq.mm<br>(ii) 16 x 4 sq.mm   | Mtrs.<br>Mtrs. | 200<br>350 |                   |                 |
| 3.21/25                   | 16 &<br>17<br>(B) | Providing and fixing 6 SWG dia GI wire on surface or in recess for loop earthing along with existing surface / recessed conduit / sub main wiring / cable as required.   | Mtrs.          | 550        |                   |                 |
| ---                       | 18                | Supplying and laying of 6 core shield computer cable with ISI marked of following as required.<br><br>(i) CAT 5 Internet cable   | Mtrs.          | 800        |                   |                 |
| 1.24.6/8                  | 19<br><br>(i)     | Supplying and fixing following modular switch / sockets on the existing modular plate and switch box including connections but excluding modular plate etc., as required.<br><br>Internet / Telephones sockets outlet. | Nos.           | 40         |                   |                 |
| 1.27.2                    | 19<br><br>(ii)    | Supplying and fixing following size / modules GI box along with modular base and cover plate for modular switches in recess etc., as required.<br><br>4 Module   | Nos.           | 40         |                   |                 |

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|                           |                   |   |             |            | In figures<br>(6) | In words<br>(7) |
| ---                       | 20                | Installation / testing / commissioning of metal halide lighting fixtures suitable for lighting of metal halide lamps Philips make model number MHN-TD-150 watts lamps including supply and fixing of 150 watts lamps as required. | Nos.        | 12         |                   |                 |
| ---                       | 21                | Supply and installation / testing / commissioning of post top Lantern Philips make complete with self containing intragal housing with blast, capacitor, ignitor etc., as required.   | Nos.        | 04         |                   |                 |
| 1.14.1/4                  | 22                | Wiring for circuits / sub main wiring along with earth wire with the following size of PVC insulated copper conductor, single core cable in surface / recessed PVC conduit as required.<br><br>(i) 2 x 1.5 sq.mm + 1 x 1.5 sq.mm  | Mtrs.       | 600        |                   |                 |

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