

BOQ FOR ELECTRICAL INSTALLATION WORK AT NAMRUP OFFICIAL AND STAFF QUARTER

| S.NO. | Description of the work | Unit | Qty AS PER TENDER | Rate (Rs) | Amount (Rs) |
|-------------------------------------|--|-------|-------------------|-----------|-------------|
| G+1 STAFF QUARTER(4 QUARTER) | | | | | |
| 1 | Supply & installation of double door VTPN with following accessories a)1 No.100 amp. 4P MCCB as incomer, b)5 Nos. 40 Amps DP MCB in outgoing | Nos. | 1 | | |
| 2 | Supply & installation of double door 12way SPN MCB DB with following accessories a)1 No. 40A DPMCB as incomer, b)8 Nos. 6-32 Amps SP MCB in outgoing | Nos. | 4 | | |
| 3 | Wiring for light/fan/exhaust fan points using 3 X 1.5 1.1 kV grade PVC insulated stranded copper conductor wire (Finolex/ Havell's/ Richa/ RR kebel/ KEI or equivalent) for phase, neutral and earth in 2 mm medium guage PVC conduit along with associated accessories like MS junction boxes, bends, saddles, screws et. concealed in wall, floor, under flooring , on surface as well as suspended from ceiling with 25mm X 3 mm MS flat suspenders duly painted above false ceiling from individual light/Fan/Exhaust Fan point outlet. etc. to individual modular type switch boards, 10 Amp modular plate type switches etc.(MK/Legrand's/Havel's or equivalent), as required complete including circuit wiring with 3 X 2.5 sqmm. 1.1 kV grade PVC insulated stranded copper conductor wire and as per site requirement and as instructed by SBI Engineer. | | | | |
| a | Light point(one switch controls one light) and one batten holder in each room & other point with Ceiling rose. | Nos | 56 | | |
| b | Two way point in bedroom | Nos | 8 | | |
| c | Two way point in bedroom for fan (one fan with regulator in each room) | Nos | 8 | | |
| d | Ceiling Fan point with regulator | Nos | 12 | | |
| e | Exhaust fan point with Ceiling rose. | Nos | 8 | | |
| f | Call bell point with call bell | Nos | 4 | | |
| g | same Board 6 Amps with switch and socket. | Nos. | 16 | | |
| 4 | Point wiring with 660 V grade PVC insulated multi stranded copper wire through ISI marked minimum 2 mm thick PVC conduit with junction box ,circular box, elbows ,bends, couplers and other accessories concealed (below the false ceiling) or by chase cutting on wall /floor or on surface by bar saddles : | | | | |
| a | 3X1.5 sq mm in 20 mm dia conduit for 6A sockets power sockets | Mtrs. | 80 | | |
| b | 2X2.5 sq mm +1X1.5 sq mm in 20 mm dia conduit for 16A power sockets(Kitchen) | Mtrs. | 50 | | |
| c | 2X4 sq mm +1X2.5 sq mm in 20 mm dia conduit (AC points and geyser point) | Mtrs. | 80 | | |
| d | 2X10 sq mm +1X4 sq mm in 20 mm dia conduit (Main DB to Various DB) | Mtrs. | 140 | | |

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|----|--|------|----|--|--|
| 5 | Supply & installation of MS Flush metal box with front plate enclosing the following duly interconnected. a) 1 Nos 16 amp switch & 3 Nos 6 amps socket outlet with indicator b) 1 No. mounting box c) 1 No. front plate (in hall for TV) | Sets | 8 | | |
| 6 | Supply & installation of MS Flush metal box with front plate enclosing the following duly interconnected. a) 1 Nos 16 amp switch & 1 Nos 6/16 amps socket outlet with indicator b) 1 No. mounting box c) 1 No. front plate For Gysers, AC, fridge and Kitchen appliances etc. Switch of geyser should be in the bathroom switch board out side bathroom. | sets | 12 | | |
| 7 | Supply and fixing of AC starter with metal box. The starter to be in separate box below the socket | Nos | 4 | | |
| 8 | Supply and installation of 5 Star rated Ceiling fan 1200 mm crompton/bajaj/usha/havell's make with including suitable hooks and extensions as per site requirement | No.s | 12 | | |
| 9 | Supply and installation of Heavy Duty metallic body & Blades Exhaust Fan 250 mm crompton/bajaj/usha/havell's make | No.s | 8 | | |
| 10 | Supply installation testing and commissioning of 4' LED batten Single Tube light fittings with 20 W with glare free light distribution wall mounted at ceiling/false ceiling level/. Make :- Bajaj/Havels/Phillips/Wipro/Crompton or equivalent | Nos | 32 | | |
| 11 | Supply installation testing and commissioning of 2' LED batten Single Tube light fittings with 8 W with glare free light distribution wall mounted at ceiling/false ceiling level/. Make :- Bajaj/Havels/Phillips/Wipro/Crompton or equivalent | Nos | 8 | | |
| 12 | Supply installation testing and commissioning of 6 W LED bulb. Make :- Bajaj/Havels/Phillips/Wipro/Crompton or equivalent | Nos. | 10 | | |
| 13 | Supplying, installation, testing & commissioning of Security ligh with 25W LED lamps with pressure die cast housing with epoxy coated dark graphite grey colour finish and prismatic polycarbonates cover with individual LED lenses, including necessary GI bracket with clamp. Make :- Bajaj/ Havels/ Phillips/ Wipro/ Crompton or equivalent | Nos. | 4 | | |

OFFICERS QUARTER (2 QUARTER)

| S.NO. | Description of the work | Unit | Qty AS PER TENDER | Rate (Rs) | Amount (Rs) |
|-------------------------------------|---|------|-------------------|-----------|-------------|
| OFFICERS QUARTER (2 QUARTER) | | | | | |
| 1 | Supply & installation of double door VTPN with following accessories a) 1 No. 100 amp. 4P MCCB as incomer, b) 3 Nos. 63Amps TPN MCB in outgoing | Nos. | 1 | | |
| 2 | Supply & installation of double door 12way SPN MCB DB with following accessories a) 1 No. 63A TP MCB as incomer, b) 8 Nos. 6-32 Amps SP MCB in outgoing | Nos. | 2 | | |

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|---|--|-------|----|--|--|
| 3 | Wiring for light/fan/exhaust fan points using 3 X 1.5 1.1 kV grade PVC insulated stranded copper conductor wire (Finolex/ Havell's/ Richa/ RR kebel/ KEI or equivalent) for phase, neutral and earth in 2 mm medium guage PVC conduit along with associated accessories like MS junction boxes, bends, saddles, screws et. concealed in wall, floor, under flooring , on surface as well as suspended from ceiling with 25mm X 3 mm MS flat suspenders duly painted above false ceiling from individual light/Fan/Exhaust Fan point outlet. etc. to individual modular type switch boards, 10 Amp modular plate type switches etc.(MK/Legrand's/Havel's or equivalent), as required complete including circuit wiring with 3 X 2.5 sqmm. 1.1 kV grade PVC insulated stranded copper conductor wire and as per site requirement and as instructed by SBI Engineer. | | | | |
| a | Light point(one switch controls one light) and one batten holder in each room & other point with Ceiling rose. | Nos | 35 | | |
| b | Two way point in bedroom | Nos | 4 | | |
| c | Two way point in bedroom for fan (one fan with regulator in each room) | Nos | 4 | | |
| d | Ceiling Fan point with regulator | Nos | 6 | | |
| e | Exhaust fan point with Ceiling rose. | Nos | 4 | | |
| f | Call bell point with call bell | Nos | 4 | | |
| g | same Board 6 Amps with switch and socket. | Nos. | 8 | | |
| 4 | Point wiring with 660 V grade PVC insulated multi stranded copper wire through ISI marked minimum 2 mm thick PVC conduit with junction box ,circular box, elbows ,bends, couplers and other accessories concealed (below the false ceiling) or by chase cutting on wall /floor or on surface by bar saddles : | | | | |
| a | 3X1.5 sq mm in 20 mm dia conduit for 6A sockets power sockets | Mtrs. | 80 | | |
| b | 2X2.5 sq mm +1X1.5 sq mm in 20 mm dia conduit for 16A power sockets(Kitchen) | Mtrs. | 40 | | |
| c | 2X4 sq mm +1X2.5 sq mm in 20 mm dia conduit (AC points and geyser point) | Mtrs. | 60 | | |
| d | 2X6 sq mm +1X4 sq mm in 20 mm dia conduit (Main DB to Various DB) | Mtrs. | 60 | | |
| 5 | Supply & installation of MS Flush metal box with front plate enclosing the following duly interconnected. a) 1 Nos 16 amp switch & 3 Nos 6 amps socket outlet with indicator b)1No. mounting box c)1No. front plate (in hall for TV) | Sets | 4 | | |
| 6 | Supply & installation of MS Flush metal box with front plate enclosing the following duly interconnected. a) 1 Nos 16 amp switch & 1 Nos 6/16 amps socket outlet with indicator b) 1 No. mounting box c) 1 No. front plate For Gysers, AC, fridge and Kitchen appliances etc. Switch of geyser should be in the bathroom switch board out side bathroom. | sets | 6 | | |
| 7 | Supply and fixing of AC starter with metal box. The starter to be in separate box below the socket | Nos | 2 | | |

| | | | | | |
|-------------------------------------|---|------|----|--|--|
| 8 | Supply and installation of 5 Star rated Ceiling fan 1200 mm crompton/bajaj/usha/havell's make with including suitable hooks and extensions as per site requirement | No.s | 6 | | |
| 9 | Supply and installation of Heavy Duty metallic body & Blades Exhaust Fan 250 mm crompton/bajaj/usha/havell's make | No.s | 4 | | |
| 10 | Supply installation testing and commissioning of 4' LED batten Single Tube light fittings with 20 W with glare free light distribution wall mounted at ceiling/false ceiling level/. Make :- Bajaj/Havels/Phillips/Wipro/Crompton or equivalent | Nos | 14 | | |
| 11 | Supply installation testing and commissioning of 6 W LED bulb. Make :- Bajaj/Havels/Phillips/Wipro/Crompton or equivalent | Nos. | 16 | | |
| 12 | Supplying, installing and commissioning of PVC Armored cable complete with proper cable glands and two nos. of 8SWG GI wire (Havell's/Richa/RR kebel/KEI or equivalent) alongwith all the other materials required including proper connection in complete as required from main Panel,Power Distribution Board to various DBs . | | | | |
| i) | With 3.5 core x 25 sq. mm cable | RM | 80 | | |
| 13 | Supply, installing and commissioning of earth station including digging and refilling back the pit with black soil and with 3.15mm x300mm size copper plate duly tinned through out the surface of the plate, placed at least 1.5Mtr,below the ground level with 2nos 10sq.mm PVC insulated stranded copper conductor in 20mm GI pipe, fixed to the plate and providing 40mm,2mtr,long GI pipe with reducer and funnel at top for watering pipe with supplying and laying earth continuity wire of 2x10sq.mm copper stranded PVC green color in heavy duty MS conduit on the wall from earth plate to starting point of the line earth connector with proper earth pit. | Nos. | 1 | | |
| GRAND TOTAL (Excluding GST): | | | | | |

SAME ITEM MUST BE QUOTED IN SAME RATE. ANY DIFFERENCE IN QUOTED RATE FOR SAME ITEM LOWER QUOTED RATE WILL BE CONSIDER DURING BILLING.