

Subhead 1

Subhead-1
Wiring & Cables

Item No.	Description of Items	Unit	Unit Rate in Dhaka & Mymensingh Zone (Tk)	Unit Rate in Chattogram & Sylhet Zone (Tk)	Unit Rate in Khulna, Barishal & Gopalganj (Tk)	Unit Rate in Rajshahi & Rangpur (Tk)
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1.1 POINT WIRING**CHANNEL POINT WIRING (BYM)(WITHOUT SWITCH)**

Surface channel wiring for the following point looping at the switch board with earth terminal with 1C-2x1.5 sqmm PVC insulated and sheathed stranded cable (BYM) and 1C-1x1.5 sqmm PVC insulated ECC(BYA) (Green / Yellow bi-colour) including circuit wiring(From SDB to Switch Board) with 1C-2x2.5 sqmm PVC insulated and sheathed stranded cable (BYM) & 1C-2x2.5 sqmm PVC insulated ECC(BYA) Green / Yellow bi-colour through minimum 1 mm thick PVC channel complete with 18 SWG GP sheet / PVC switch board (preferably concealed) with 3mm thick ebonite sheet cover. circular box, without switch, fixing materials, other accessories etc. as required and mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standard along with relevant BDS standard as per detailed specification mentioned in Annexure-1. The work shall be carried out as per direction & approval of the Engineer In Charge.

1.1.1 Cables manufactured by Govt. of Bangladesh owned / shared company Ltd. (Eastern cables) approved by the Engineer In Charge.

1.1.1.1	Light / exhaust or wall bracket fan point	Point	1,203.00	1,197.00	1,178.00	1,178.00
1.1.1.2	Fan point	Point	1,203.00	1,197.00	1,178.00	1,178.00
1.1.1.3	Call bell point with gang bell push	Point	1,236.00	1,231.00	1,221.00	1,221.00
1.1.2	Cable manufacturer(s) must have valid type test certificate (within last seven years) from internationally accredited laboratory (like CPRI, KEMA etc) accepted / approved by the Engineer In Charge.					
1.1.2.1	Light / exhaust or wall bracket fan point	Point	1,097.00	1,092.00	1,072.00	1,072.00
1.1.2.2	Fan point	Point	1,097.00	1,092.00	1,072.00	1,072.00
1.1.2.3	Call bell point with gang bell push	Point	1,128.00	1,122.00	1,103.00	1,103.00

Item No.	Description of Items	Unit	Unit Rate in Dhaka & Mymensingh Zone (Tk)	Unit Rate in Chattogram & Sylhet Zone (Tk)	Unit Rate in Khulna, Barishal & Gopalganj (Tk)	Unit Rate in Rajshahi & Rangpur (Tk)
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1.2 SURFACE CONDUIT POINT WIRING (BYM) (WITHOUT SWITCH)

Surface conduit wiring for following point looping at the switch board with earth terminal with 1C-2x1.5 sqmm PVC insulated and sheathed stranded cable (BYM) & 1C-2x1.5 sqmm PVC insulated ECC(BYA) (Green / Yellow bi-colour) including circuit wiring (From SDB to Switch Board) with 1C-2x2.5 sqmm PVC insulated and sheathed stranded cable (BYM) & 1C-2x2.5 sqmm PVC insulated ECC(BYA) Green / Yellow bi-colour through PVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 16-25 mm inner dia as required with 1.5

mm wall thickness complete with 18 SWG GP sheet / PVC switch board and pull box (preferably concealed) with 3mm thick ebonite sheet cover, without switch, fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure-1. The work shall be carried out as per direction & approval of the Engineer In Charge.

1.2.1 Cables manufactured by Govt. of Bangladesh owned / shared company ltd. (Eastern Cables) approved by the Engineer In Charge

1.2.1.1	Light / Exhaust or wall bracket Fan point	Point	1,305.00	1,300.00	1,279.00	1,279.00
1.2.1.2	Fan point	Point	1,305.00	1,300.00	1,279.00	1,279.00
1.2.1.3	Call Bell point with gang bell push	Point	1,377.00	1,372.00	1,350.00	1,350.00

1.2.2 Cable manufacturer(s) must have valid type test certificate (within last seven years) from internationally accredited laboratory (like CPRI, KEMA etc) accepted / approved by the Engineer In Charge.

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Item No.	Description of Items	Unit	Unit Rate in Dhaka & Mymensingh Zone (Tk)	Unit Rate in Chattogram & Sylhet Zone (Tk)	Unit Rate in Khulna, Barishal & Gopalganj (Tk)	Unit Rate in Rajshahi & Rangpur (Tk)
1.2.2.1	Light / exhaust or wall bracket fan point	Point	1,194.00	1,189.00	1,168.00	1,168.00
1.2.2.2	Fan point	Point	1,194.00	1,189.00	1,168.00	1,168.00
1.2.2.3	Call bell point with gang bell push	Point	1,266.00	1,261.00	1,240.00	1,240.00

1.3 SUFACE CONDUIT POINT WIRING (BYA) (WITHOUT SWITCH)

Surface conduit wiring for following point looping at the switch board with earth terminal with 1C-2x1.5 sqmm PVC insulated cable (BYA) & 1C-2x1.5 sqmm PVC insulated ECC (BYA) (Green / Yellow bi-colour) including circuit wiring (From SDB to Switch Board) with 1C-2x2.5 sqmm PVC insulated cable (BYA) & 1C-2x2.5 sqmm PVC insulated ECC (BYA) Green / Yellow bi-colour through PVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm inner dia with 1.5 mm wall thickness complete with 18 SWG GP sheet / PVC switch board and pull box (preferably concealed) with 3 mm thick ebonite sheet cover, without switch, fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure-1. The work shall be carried out as per direction & approval of the Engineer In Charge.

1.3.1 Cables manufactured by Govt. of Bangladesh owned / shared company ltd. (Eastern cables) approved by the Engineer In Charge.

1.3.1.1	Light / Exhaust or wall bracket fan point	Point	1,179.00	1,174.00	1,153.00	1,153.00
1.3.1.2	Fan point	Point	1,179.00	1,174.00	1,153.00	1,153.00
1.3.1.3	Call bell point with gang bell push	Point	1,251.00	1,246.00	1,224.00	1,224.00

Item No.	Description of Items	Unit	Unit Rate in Dhaka & Mymensingh Zone (Tk)	Unit Rate in Chattogram & Sylhet Zone (Tk)	Unit Rate in Khulna, Barishal & Gopalganj (Tk)	Unit Rate in Rajshahi & Rangpur (Tk)
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1.3.2 Cable manufacturer(s) must have valid type test certificate (within last seven years) from internationally accredited laboratory (like CPRI, KEMA etc) accepted / approved by the Engineer In Charge

1.3.2.1	Light / exhaust or wall bracket fan point	Point	1,093.00	1,089.00	1,067.00	1,067.00
1.3.2.2	Fan point	Point	1,093.00	1,089.00	1,067.00	1,067.00
1.3.2.3	Call bell point with gang bell push	Point	1,165.00	1,160.00	1,139.00	1,139.00

1.4 SURFACE CONDUIT POINT WIRING (FR) (WITHOUT SWITCH)

Surface conduit wiring for following point looping at the switch board with earth terminal with 1C-2x1.5 sqmm fire & flame retardant (FR), PVC insulated and stranded cable & 1C-2x1.5 sqmm FR PVC insulated ECC Green / Yellow bi-colour including circuit wiring (From SDB to Switch Board) with 1C-2x2.5 sqmm fire & flame retardant (FR) insulated and stranded cable & 1C-2x2.5 sqmm FR PVC insulated ECC (Green / Yellow bi-colour) through PVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pairs cable) of reputed manufacturer of minimum 25 mm inner dia with 1.7 mm wall thickness complete with 18 SWG GP sheet / PVC switch board and pull box (preferably concealed) with 3 mm thick ebonite sheet cover, without switch, fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure-1. The work shall be carried out as per direction & approval of the Engineer In Charge.

1.4.1 Cables manufactured by Govt. of Bangladesh owned / shared company ltd. (Eastern cables) approved by the Engineer In Charge.

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Item No.	Description of Items	Unit	Unit Rate in Dhaka & Mymensingh Zone (Tk)	Unit Rate in Chattogram & Sylhet Zone (Tk)	Unit Rate in Khulna, Barishal & Gopalganj (Tk)	Unit Rate in Rajshahi & Rangpur (Tk)
1.4.1.1	Light / exhaust or wall bracket fan point	Point	1,310.00	1,305.00	1,284.00	1,284.00
1.4.1.2	Fan point	Point	1,310.00	1,305.00	1,284.00	1,284.00
1.4.1.3	Call bell point with gang bell push	Point	1,392.00	1,387.00	1,366.00	1,366.00
1.4.2	Cable manufacturer(s) must have valid type test certificate (within last seven years) from internationally accredited laboratory (like CPRI, KEMA etc) accepted / approved by the Engineer In Charge					
1.4.2.1	Light / exhaust or wall bracket fan point	Point	1,168.00	1,163.00	1,142.00	1,142.00
1.4.2.2	Fan point	Point	1,168.00	1,163.00	1,142.00	1,142.00
1.4.2.3	Call bell point with gang bell push	Point	1,240.00	1,235.00	1,214.00	1,214.00

1.5 SURFACE CONDUIT POINT WIRING (ZERO HALOGEN)(WITHOUT SWITCH)

Surface conduit wiring for following point looping at the switch board with earth terminal with 1C-2x1.5 sqmm with following Zero Halogen polyolefine (BYA-LS Zero Halogen) and 1C-2x1.5 sqmm Zero Halogen polyolefine ECC wire including circuit wiring (From SDB to Switch Board) with 1C-2x2.5 sqmm with Zero Halogen polyolefine (BYA-LS Zero Halogen) and 1C-2x2.5 sqmm Zero Halogen polyolefine ECC wire through PVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm inner dia with 1.7 mm wall thickness complete with 18 SWG GP sheet switch board and pull box (preferably concealed) with 3 mm thick ebonite sheet cover, without switch, fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure-1. The work shall be carried out as per direction & approval of the Engineer In Charge.

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Item No.	Description of Items	Unit	Unit Rate in Dhaka & Mymensingh Zone (Tk)	Unit Rate in Chattogram & Sylhet Zone (Tk)	Unit Rate in Khulna, Barishal & Gopalganj (Tk)	Unit Rate in Rajshahi & Rangpur (Tk)
1.5.1	Cable manufacturer(s) must have valid type test certificate (within last seven years) from internationally accredited laboratory (like CPRI, KEMA etc) accepted / approved by the Engineer In Charge					
1.5.1.1	Light / Exhaust or wall bracket Fan point	Point	1,160.00	1,160.00	1,160.00	1,160.00
1.5.1.2	Fan point	Point	1,160.00	1,160.00	1,160.00	1,160.00
1.5.1.3	Call Bell point with gang bell push	Point	1,232.00	1,232.00	1,232.00	1,232.00

1.6 CONCEALED CONDUIT POINT WIRING (BYM) (WITHOUT SWITCH)

Concealed conduit wiring for following point looping at the switch board with earth terminal with 1C-2x1.5 sqmm PVC insulated and sheathed stranded cable (BYM) & 1C-2x1.5 sqmm PVC insulated ECC (BYA) (Green / Yellow bi-colour) including circuit wiring with (From SDB to Switch Board) 1C-2x2.5 sqmm PVC insulated and sheathed stranded cable (BYM) & 1C-2x2.5 sqmm PVC insulated ECC (BYA) Green / Yellow bi-colour through PVC conduit (one conduit from switch board to common point on

ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall thickness complete with 18 SWG GP sheet / PVC switch board & pull box with 3mm thick ebonite sheet cover, without switch, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure-1. The work shall be carried out as per direction & approval of the Engineer In Charge.

1.6.1 **Cables manufactured by Govt. of Bangladesh owned / shared company ltd. (Eastern cables) approved by the Engineer In Charge.**

1.6.1.1	Light / exhaust or wall bracket fan point	Point	1,372.00	1,367.00	1,341.00	1,341.00
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1.6.1.2	Fan point	Point	1,372.00	1,367.00	1,341.00	1,341.00
1.6.1.3	Call bell point with gang bell push	Point	1,444.00	1,438.00	1,413.00	1,413.00
1.6.2	Cable manufacturer(s) must have valid type test certificate (within last seven years) from internationally accredited laboratory (like CPRI, KEMA etc) accepted / approved by the Engineer In Charge					
1.6.2.1	Light/ exhaust or wall bracket fan point	Point	1,261.00	1,255.00	1,230.00	1,230.00
1.6.2.2	Fan point	Point	1,261.00	1,255.00	1,230.00	1,230.00
1.6.2.3	Call bell point with gang bell push	Point	1,333.00	1,327.00	1,302.00	1,302.00

1.7 CONCEALED CONDUIT POINT WIRING (BYA)(WITHOUT SWITCH)

Concealed conduit wiring for following point looping at the switch board with earth terminal with 1C-2x1.5 sqmm PVC insulated cable (BYA) & 1C-2x1.5 sqmm PVC insulated ECC(BYA) Green / Yellow bi-colour including circuit wiring (From SDB to Switchboard) with 1C-2x2.5 sqmm PVC insulated cable (BYA) & 1C-2x2.5 sqmm PVC insulated ECC (BYA) (Green / Yellow bi-colour) through PVC conduit (one conduit from switch board to common point on ceiling is considered to draw 3 pair of cable) of reputed manufacturer of minimum 25 mm dia & 1.7 mm wall

thickness complete with 18 SWG GP sheet / PVC switch board pull box with 3mm thick ebonite sheet cover, fixing materials etc.(without switch) as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standard along with relevant BDS standard as per detailed specification mentioned in Annexure-1. The work shall be carried out as per direction & approval of the Engineer In Charge.

1.7.1 Cables manufactured by Govt. of Bangladesh owned / shared company Ltd. (Eastern cables) approved by the Engineer In Charge.

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Item No.	Description of Items	Unit	Unit Rate in Dhaka & Mymensingh Zone (Tk)	Unit Rate in Chattogram & Sylhet Zone (Tk)	Unit Rate in Khulna, Barishal & Gopalganj (Tk)	Unit Rate in Rajshahi & Rangpur (Tk)
1.7.1.1	Light / exhaust or wall bracket fan point	Point	1,246.00	1,241.00	1,215.00	1,215.00
1.7.1.2	Fan point	Point	1,246.00	1,241.00	1,215.00	1,215.00
1.7.1.3	Call bell point with gang bell push	Point	1,318.00	1,312.00	1,287.00	1,287.00
1.7.2	Cable manufacturer(s) must have valid type test certificate (within last seven years) from internationally accredited laboratory (like CPRI, KEMA etc) accepted / approved by the Engineer In Charge					
1.7.2.1	Light / exhaust or wall bracket fan point	Point	1,160.00	1,155.00	1,130.00	1,130.00
1.7.2.2	Fan point	Point	1,160.00	1,155.00	1,130.00	1,130.00
1.7.2.3	Call bell point with gang bell push	Point	1,232.00	1,227.00	1,201.00	1,201.00

1.8 WIRING FOR POINT, CIRCUIT, POWER, SUB-MAIN, FEEDERS ETC.
CHANNEL WIRING (BYM)

Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA), through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good.

All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure-1. The work shall be carried out as per direction & approval of the Engineer In Charge.

1.8.1 Cables manufactured by Govt. of Bangladesh owned / shared company ltd. (Eastern cables) approved by the Engineer In Charge.

1.8.1.1	1C-2x1.5 sqmm (BYM) cable with 1.5 sqmm (BYA) ECC wire	Meter	151.00	151.00	149.00	149.00
1.8.1.2	1C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	Meter	208.00	207.00	206.00	206.00

[Handwritten signatures and initials in blue ink are present below the table, including names like 'Sup', 'Rahim', and others.]

Item No.	Description of Items	Unit	Unit Rate in Dhaka & Mymensingh Zone (Tk)	Unit Rate in Chattogram & Sylhet Zone (Tk)	Unit Rate in Khulna, Barishal & Gopalganj (Tk)	Unit Rate in Rajshahi & Rangpur (Tk)
1.8.1.3	1C-2x4 sqmm (BYM) cable with 4 sqmm (BYA) ECC wire	Meter	301.00	300.00	299.00	299.00
1.8.1.4	1C-2x6 sqmm (BYM) cable with 6 sqmm (BYA) ECC wire	Meter	419.00	419.00	417.00	417.00
1.8.1.5	1C-2x10 sqmm (BYM) cable with 10 sqmm (BYA) ECC wire	Meter	647.00	646.00	645.00	645.00
1.8.2	Cable manufacturer(s) must have valid type test certificate (within last seven years) from internationally accredited laboratory (like CPRI, KEMA etc) accepted / approved by the Engineer In Charge.					
1.8.2.1	1C-2x1.5 sqmm (BYM) cable with 1.5 sqmm (BYA) ECC wire	Meter	136.00	135.00	134.00	134.00
1.8.2.2	1C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire	Meter	188.00	188.00	186.00	186.00
1.8.2.3	1C-2x4 sqmm (BYM) cable with 4 sqmm (BYA) ECC wire	Meter	267.00	267.00	265.00	265.00
1.8.2.4	1C-2x6 sqmm (BYM) cable with 6 sqmm (BYA) ECC wire	Meter	372.00	371.00	370.00	370.00
1.8.2.5	1C-2x10 sqmm (BYM) cable with 10 sqmm (BYA) ECC wire	Meter	579.00	578.00	577.00	577.00
1.9	<u>Channel WIRING (BYA)</u>					
	Surface channel wiring with the following PVC insulated stranded cable (BYA) & Green / Yellow bi-colour PVC insulated ECC wire (BYA) through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure-1. The work shall be carried out as per direction & approval of the Engineer In Charge.					
1.9.1	Cables manufactured by Govt. of Bangladesh owned / shared company ltd. (Eastern cables) approved by the Engineer In Charge.					
1.9.1.1	1C-2x1.5 sq. mm (BYA) cable with 1.5 sqmm (BYA) ECC wire	Meter	133.00	133.00	131.00	131.00
1.9.1.2	1C-2x2.5 sq. mm (BYA) cable with 2.5sqmm (BYA) ECC wire	Meter	190.00	189.00	188.00	188.00
1.9.1.3	1C- 2x4 sq. mm (BYA) cable with 4 sqmm (BYA) ECC wire.	Meter	282.00	282.00	281.00	281.00
1.9.1.4	1C-2x6 sq. mm (BYA) cable with 6 sqmm (BYA) ECC wire	Meter	406.00	406.00	405.00	405.00

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1.9.1.5	1C-2x10 sqmm (BYM) cable with 10 sqmm (BYA) ECC wire	Meter	647.00	646.00	645.00	645.00
1.9.2	Cable manufacturer(s) must have valid type test certificate (within last seven years) from internationally accredited laboratory (like CPRI, KEMA etc) accepted / approved by the Engineer In Charge					
1.9.2.1	1C-2x1.5 sq. mm (BYA) cable with 1.5 sqmm (BYA) ECC wire	Meter	122.00	121.00	120.00	120.00
1.9.2.2	1C-2x2.5 sq. mm (BYA) cable with 2.5 sqmm (BYA) ECC wire	Meter	172.00	172.00	170.00	170.00
1.9.2.3	1C-2x4 sq. mm (BYA) cable with 4 sqmm (BYA) ECC wire.	Meter	248.00	248.00	246.00	246.00
1.9.2.4	1C-2x6 sq. mm (BYA) cable with 6 sqmm (BYA) ECC wire	Meter	351.00	351.00	350.00	350.00
1.9.2.5	1C-2x10 sqmm (BYM) cable with 10 sqmm (BYA) ECC wire	Meter	567.00	567.00	566.00	566.00
1.10	<u>SURFACE WIRING (BYM) (THROUGH PVC CONDUIT)</u>					
	Surface conduit wiring with the following PVC insulated and sheathed cable (BYM) & Green / Yellow bi-colour PVC insulated ECC wire (BYA) through PVC conduit of reputed manufacturer complete with 18 SWG GP sheet pull box with 3 mm thick ebonite sheet cover, fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant					
	BDS standard as per detailed specification mentioned in Annexure-1. The work shall be carried out as per direction & approval of the Engineer In Charge.					
1.10.1	Cables manufactured by Govt. of Bangladesh owned / shared company ltd. (Eastern cables) approved by the Engineer In Charge.					
1.10.1.1	1C-2x1.5sqmm (BYM) cable with 1.5 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 20 mm having wall thickness of 1.5 mm	Meter	208.00	207.00	205.00	205.00
1.10.1.2	1C-2x2.5 sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.5 mm	Meter	280.00	279.00	277.00	277.00

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1.10.1.3	1C-2x4.0 sqmm (BYM) cable with 4 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm	Meter	372.00	371.00	368.00	368.00
1.10.1.4	1C-2x6.0 sqmm (BYM) cable with 6 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm	Meter	501.00	501.00	498.00	498.00
1.10.1.5	1C-2x10 sqmm (BYM) cable with 10 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 30 mm having wall thickness of 1.9 mm	Meter	769.00	768.00	765.00	765.00
1.10.1.6	1C-2x16 sqmm (BYM) cable with 16 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 40 mm having wall thickness of 2.2 mm	Meter	1,143.00	1,142.00	1,138.00	1,138.00
1.10.2	Cable manufacturer(s) must have valid type test certificate (within last seven years) from internationally accredited laboratory (like CPRI, KEMA etc) accepted / approved by the Engineer In Charge					
1.10.2.1	1C-2x1.5 sqmm (BYM) cable with 1.5 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 20 mm having wall thickness of 1.5 mm	Meter	192.00	191.00	189.00	189.00
1.10.2.2	1C-2x2.5sqmm (BYM) cable with 2.5 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm	Meter	261.00	260.00	257.00	257.00
1.10.2.3	1C-2x4.0 sqmm (BYM) cable with 4 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm	Meter	338.00	338.00	335.00	335.00
1.10.2.4	1C-2x6.0 sqmm (BYM) cable with 6 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm	Meter	436.00	435.00	433.00	433.00
1.10.2.5	1C-2x10sqmm (BYM) cable with 10sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 30 mm having wall thickness of 1.7 mm	Meter	683.00	682.00	679.00	679.00
1.10.2.6	1C-2x16 sqmm (BYM) cable with 16 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 40 mm having wall thickness of 1.9 mm	Meter	1,041.00	1,040.00	1,037.00	1,037.00
1.11	<u>SURFACE WIRING (BYA) (THROUGH PVC CONDUIT)</u>					

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Item No.	Description of Items	Unit	Unit Rate in Dhaka & Mymensingh Zone (Tk)	Unit Rate in Chattogram & Sylhet Zone (Tk)	Unit Rate in Khulna, Barishal & Gopalganj (Tk)	Unit Rate in Rajshahi & Rangpur (Tk)
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Surface conduit wiring with the following PVC insulated cable (BYA) & PVC insulated Green / Yellow bi-colour ECC wire (BYA) through PVC conduit of reputed manufacturer complete with 18 SWG GP sheet pull box with 3mm thick ebonite sheet cover, fixing materials, other accessories etc. including mending the damages good as required. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure-1. The work shall be carried out as per direction & approval of the Engineer In Charge.

1.11.1 Cables manufactured by Govt. of Bangladesh owned / shared company ltd. (Eastern cables) approved by the Engineer In Charge.

1.11.1.1	1C-2x1.5sqmm (BYA) cable with 1.5sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 20 mm having wall thickness of 1.5 mm	Meter	183.00	182.00	180.00	180.00
1.11.1.2	1C-2x2.5sqmm (BYA) cable with 2.5sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm	Meter	255.00	255.00	252.00	252.00
1.11.1.3	1C-2x4.0 sqmm (BYA) cable with 4 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.5 mm	Meter	320.00	319.00	316.00	316.00
1.11.1.4	1C-2x6.0 sqmm (BYA) cable with 6 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm	Meter	478.00	477.00	474.00	474.00
1.11.1.5	1C-2x10 sqmm (BYA) cable with 10 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 30 mm having wall thickness of 1.9 mm	Meter	728.00	727.00	724.00	724.00
1.11.1.6	1C-2x16 sqmm (BYA) cable with 16 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 40 mm having wall thickness of 2.2 mm	Meter	1,110.00	1,109.00	1,105.00	1,105.00
1.11.2	Cable manufacturer(s) must have valid type test certificate (within last seven years) from internationally accredited laboratory (like CPRI, KEMA etc) accepted / approved by the Engineer In Charge					
1.11.2.1	1C-2x1.5sqmm (BYA) cable with 1.5sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 20 mm having wall thickness of 1.5 mm		171.00	171.00	168.00	168.00

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Item No.	Description of Items	Unit	Unit Rate in Dhaka & Mymensingh Zone (Tk)	Unit Rate in Chattogram & Sylhet Zone (Tk)	Unit Rate in Khulna, Barishal & Gopalganj (Tk)	Unit Rate in Rajshahi & Rangpur (Tk)
1.11.2.2	1C-2x2.5sqmm (BYA) cable with 2.5sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm		238.00	237.00	235.00	235.00
1.11.2.3	1C-2x4.0 sqmm (BYA) cable with 4 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm		320.00	319.00	316.00	316.00
1.11.2.4	1C-2x6.0 sqmm (BYA) cable with 6 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm	Meter	423.00	422.00	419.00	419.00
1.11.2.5	1C-2x10 sqmm (BYA) cable with 10 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 31 mm having wall thickness of 1.9 mm	Meter	658.00	657.00	654.00	654.00
1.11.2.6	1C-2x16 sqmm (BYA) cable with 16 sqmm (BYA) ECC wire through PVC pipe of minimum inner dia 40 mm having wall thickness of 2.2 mm	Meter	1,005.00	1,004.00	1,001.00	1,001.00

1.12 **SURFACE WIRING (FR) (THROUGH PVC CONDUIT)**

Surface conduit wiring with the following Fire & Flame Retardant (FR) (PVC) insulated and stranded cable and FR (PVC) insulated ECC wire connecting at both ends through PVC conduit of reputed manufacturer complete with 18 SWG GP sheet pull box with 3 mm thick ebonite sheet cover, fixing materials, other accessories etc. including mending the damages good as required.

All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure-1. The work shall be carried out as per direction & approval of the Engineer In Charge.

1.12.1 **Cables manufactured by Govt. of Bangladesh owned / shared company ltd. (Eastern cables) approved by the Engineer In Charge.**

1.12.1.1	1C-2x1.5 sqmm (FR) cable with 1.5 sqmm (FR) ECC wire through PVC pipe of minimum inner dia 20 mm having wall thickness of 1.5 mm	Meter	200.00	199.00	196.00	196.00
1.12.1.2	1C-2x2.5 sqmm (FR) cable with 2.5 sqmm (FR) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm	Meter	270.00	270.00	267.00	267.00

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Item No.	Description of Items	Unit	Unit Rate in Dhaka & Mymensingh Zone (Tk)	Unit Rate in Chattogram & Sylhet Zone (Tk)	Unit Rate in Khulna, Barishal & Gopalganj (Tk)	Unit Rate in Rajshahi & Rangpur (Tk)
1.12.1.3	1C-2x4.0 sqmm (FR) cable with 4 sqmm (FR) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm	Meter	361.00	360.00	357.00	357.00
1.12.1.4	1C-2x6.0 sqmm (FR) cable with 6 sqmm (FR) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm	Meter	480.00	479.00	476.00	476.00
1.12.1.5	1C-2x10 sqmm (FR) cable with 10 sqmm (FR) ECC wire through PVC pipe of minimum inner dia 30 mm having wall thickness of 1.9 mm	Meter	734.00	733.00	730.00	730.00
1.12.1.6	1C-2x16 sqmm (FR) cable with 16 sqmm (FR) ECC wire through PVC pipe of minimum inner dia 40 mm having wall thickness of 2.2 mm	Meter	1,127.00	1,126.00	1,123.00	1,123.00
1.12.2	Cable manufacturer(s) must have valid type test certificate (within last seven years) from internationally accredited laboratory (like CPRI, KEMA etc) accepted / approved by the Engineer In Charge					
1.12.2.1	1C-2x1.5 sqmm (FR) cable with 1.5 sqmm (FR) ECC wire through PVC pipe of minimum inner dia 20 mm having wall thickness of 1.5 mm	Meter	189.00	188.00	185.00	185.00
1.12.2.2	1C-2x2.5 sqmm (FR) cable with 2.5 sqmm (FR) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm	Meter	257.00	256.00	253.00	253.00
1.12.2.3	1C-2x4.0 sqmm (FR) cable with 4 sqmm (FR) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm	Meter	335.00	334.00	332.00	332.00
1.12.2.4	1C-2x6.0 sqmm (FR) cable with 6 sqmm (FR) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm	Meter	443.00	442.00	439.00	439.00
1.12.2.5	1C-2x10 sqmm (FR) cable with 10 sqmm (FR) ECC wire through PVC pipe of minimum inner dia 30 mm having wall thickness of 1.9 mm	Meter	663.00	662.00	659.00	659.00
1.12.2.6	1C-2x16 sqmm (FR) cable with 16 sqmm (FR) ECC wire through PVC pipe of minimum inner dia 40 mm having wall thickness of 2.2 mm	Meter	1,051.00	1,050.00	1,047.00	1,047.00

1.13 SURFACE WIRING (ZERO HALOGEN)(THROUGH PVC CONDUIT)

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Item No.	Description of Items	Unit	Unit Rate in Dhaka & Mymensingh Zone (Tk)	Unit Rate in Chattogram & Sylhet Zone (Tk)	Unit Rate in Khulna, Barishal & Gopalganj (Tk)	Unit Rate in Rajshahi & Rangpur (Tk)
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Surface conduit wiring with the following Zero Halogen polyolefine (BYA-LS Zero Halogen) and Zero Halogen polyolefine ECC wire connecting at both ends through PVC conduit of reputed manufacturer complete with 18 SWG GP sheet pull box with 3 mm thick ebonite sheet cover, fixing materials, other accessories etc. including mending the damages good as required. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed specification mentioned in Annexure-1 The work shall be carried out as per direction & approval of the Engineer In Charge.

1.13.1 Cable manufacturer(s) must have valid type test certificate (within last seven years) from internationally accredited laboratory (like CPRI, KEMA etc) accepted / approved by the Engineer In Charge

1.13.1.1	1C-2x1.5 sqmm (Zero Halogen) cable with 1.5 sqmm (Zero Halogen) ECC wire through PVC pipe of minimum inner dia 20 mm having wall thickness of 1.5 mm	Meter	189.00	188.00	186.00	186.00
1.13.1.2	1C-2x2.5 sqmm (Zero Halogen) cable with 2.5 sqmm (Zero Halogen) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm	Meter	261.00	260.00	257.00	257.00
1.13.1.3	1C-2x4.0 sqmm (Zero Halogen) cable with 4 sqmm (Zero Halogen) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm	Meter	350.00	349.00	346.00	346.00
1.13.1.4	1C-2x6.0 sqmm (Zero Halogen) cable with 6 sqmm (Zero Halogen) ECC wire through PVC pipe of minimum inner dia 25 mm having wall thickness of 1.7 mm	Meter	463.00	462.00	459.00	459.00
1.13.1.5	1C-2x10 sqmm (Zero Halogen) cable with 10 sqmm (Zero Halogen) ECC wire through PVC pipe of minimum inner dia 30 mm having wall thickness of 1.9 mm	Meter	722.00	721.00	718.00	718.00

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