

CONSTRUCTION OF GUEST UNITS – BLOCK 1 -14 AT GUN & COUNTRY CLUB, ISLAMABAD

ADDENDUM NO. 01

March 25, 2026

The bidders shall note & take into consideration the following additions/deletions/amendments to the Bid of “Construction of Guest Units – Block 1- 14 at Gun & Country Club, Islamabad”, while preparing the Bid. These additions/deletions/amendments shall form an integral part of Bidding Documents. The bidders shall acknowledge the receipt of this addendum to the Employer. The original of addendum shall be attached with the original bound Volume-IV of the Bidding Documents.

A. Volume-IV

Bill of Quantities

- i. Delete the Bill of Quantities for Electrical Works for Blocks 1 - 14 in its entirety and replace with ‘**Annexure – A**’ to Addendum No. 01.
- ii. Delete the Bill of Quantities for External Electrical Works in its entirety and replace with ‘**Annexure – B**’ to Addendum No. 01

End of Addendum No. 01

CONSTRUCTION OF GUEST UNITS - BLOCK 1-14 AT GUN & COUNTRY CLUB, ISLAMABAD

RESIDENTIAL UNIT - BLOCK- 1

BILL OF QUANTITIES

ELECTRICAL WORKS

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - A

WIRING IN CONCEALED CONDUITS

Ref. Spec. Sec. No.8001, 8220

E -01	Wiring of Circuit from DB to switch with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -02	Wiring from switch to light or fan point with 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20/25mm PVC Conduit.	Each	21.00		
E -03	Wiring from light point to light point 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -04	Wiring of Circuit from DB to 13A 3 pin Pin Socket with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -05	Wiring from 13Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -06	Wiring of Circuit from DB to Power Socket 15/20 Amps with 2 nos. single core 4 sqmm with 1 nos 2.5sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 25mm PVC Conduit.	Each	5.00		
E -07	Wiring from 15Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	1.00		

SECTION - B

LT CABLES

Ref. Spec. Sec. 8001, 8212

E -08	4 core 10 sqmm CU/PVC/PVC stranded copper conductor cable, 600/1000 V grade Including Cost of 50 mm PVC conduit with Excavation and back filling.	Rft	100.00		
E -09	1 core 10 sqmm green/yellow PVC insulated stranded copper conductor cable, 450/750V grade in Existing PVC conduit.	Rft	50.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - C
WIRING ACCESSORIES
Ref. Spec. Sec. 8001, 8220

E -10	10 Amps, 250 Volts one way, 3 gang light control switches including concealed back box.	No.	6.00		
E -11	10 Amps, 250 Volts one way, 2 gang light control switches including concealed back box.	No.	1.00		
E -12	13 Amps universal Socket, 250 Volts 3 pin switch socket unit including concealed back box.	No.	14.00		
E -13	20A DP Switch for Acs 250 Volts including concealed back box.	No.	3.00		
E -14	200 watts Fan speed controller including Saperate concealed back box.	No.	3.00		
E -15	Providing & installing 40 Cm (12") sweep,body Exhaust fan complete with blades	No.	2.00		

SECTION - D
LIGHT FIXTURES
Ref. Spec. Sec. No.8001,8150

Supply, installation, testing & commissioning of the following types of light fixtures including low loss electromagnetic ballast, internal wiring complete with all mounting accessories as per architectural arrangements/ requirements, dust & moisture protected and corrosion proof and suitable for this area as acceptibly supplied and installed and as approved by the Engineer.

E -16	Surface/Recessed Mounted Down lighter Led 12-15 W approved equivalent	No.	20.00		
E -17	Surface/Recessed Mounted Down lighter Led 7-8 W approved equivalent	No.	2.00		
E -18	Hanging Globe Light 15-20w approved equivalent	No.	6.00		
E -19	Bulk Head Light 10-15w or approved equivalent	No.	6.00		
E -20	Mirror Light 600mm 10-12w or approved equivalent	No.	2.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - E**MISCELLANEOUS ITEMS****Ref. Spec. Sec. 8001, 8290**

E -21	Supply, installation, testing & commissioning of 56 inch (1400 mm) dia Ceiling fan. The 56" dia ceiling fan shall be suitable to give an air displacement of minimum 11700 Cu. Ft/min. The ceiling fan shall comprise circular fan body metallic fan blades, down rod of suitable dia and length, AC capacitor, internal wiring, terminals all installation & operational accessories Fan Box as per tender specifications, as per site requirements and as directed by the Engineer.	No.	2.00		
E -22	Supply & Erection of TV socket with Back Box for TV/satellite cable RG 6 complete.	No.	2.00		

SECTION - F**DISTRIBUTION BOARD ,EARTHING****Ref. Spec. Sec. 8001, 8290**

E -23	Following L.T. Distribution Boards, (as per single line diagram shown on the drawing), including all control wiring, foundation, related civil works and all accessories, complete in all respects. 1 no TP MCCB 32A 15ka 6 no SP MCB 10A 10KA 18 no SP MCB 20A 10KA 3 No indication light 3 no Fuse 1 no Volt meter with Selector Switch	Job	1.00		
E -24	Earth electrode for building Earthing system comprise 1/2" dia, 10' long Copper deposited steel rod, including appropriate clamp for clamping of the . The copper deposited steel rod shall be hammered into the ground to the depth of twelve inches below the ground surface.	Job	2.00		

IP CCTV SYSTEM**(Ref. Spec. Nos. 8001, 8335)**

E-25	Supply at site, installation, testing & commissioning of Network TDN WDR IR Rugged Dome/Bullet Camera, 1/2.9" CMOS, 4 MP, 2.7-12mm MFZ, 4 High Power LEDs,VARIFOVAL DC IRIS NS, PoE, H.264, microSD, 128 GB max, IP 54 or better,IK 10, built in cyber security feature including mounting bracket, all fixing and mounting accessories, complete in all respects., complete in all respects.	Each	2.00		
------	---	------	------	--	--

Total Amount:

CONSTRUCTION OF GUEST UNITS - BLOCK 1-14 AT GUN & COUNTRY CLUB, ISLAMABAD

RESIDENTIAL UNIT - BLOCK- 2

BILL OF QUANTITIES

ELECTRICAL WORKS

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - A

WIRING IN CONCEALED CONDUITS

Ref. Spec. Sec. No.8001, 8220

E -01	Wiring of Circuit from DB to switch with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -02	Wiring from switch to light or fan point with 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20/25mm PVC Conduit.	Each	21.00		
E -03	Wiring from light point to light point 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -04	Wiring of Circuit from DB to 13A 3 pin Pin Socket with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -05	Wiring from 13Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -06	Wiring of Circuit from DB to Power Socket 15/20 Amps with 2 nos. single core 4 sqmm with 1 nos 2.5sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 25mm PVC Conduit.	Each	5.00		
E -07	Wiring from 15Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	1.00		

SECTION - B

LT CABLES

Ref. Spec. Sec. 8001, 8212

E -08	4 core 10 sqmm CU/PVC/PVC stranded copper conductor cable, 600/1000 V grade Including Cost of 50 mm PVC conduit with Excavation and back filling.	Rft	100.00		
E -09	1 core 10 sqmm green/yellow PVC insulated stranded copper conductor cable, 450/750V grade in Existing PVC conduit.	Rft	50.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - C
WIRING ACCESSORIES
Ref. Spec. Sec. 8001, 8220

E -10	10 Amps, 250 Volts one way, 3 gang light control switches including concealed back box.	No.	6.00		
E -11	10 Amps, 250 Volts one way, 2 gang light control switches including concealed back box.	No.	1.00		
E -12	13 Amps universal Socket, 250 Volts 3 pin switch socket unit including concealed back box.	No.	14.00		
E -13	20A DP Switch for Acs 250 Volts including concealed back box.	No.	3.00		
E -14	200 watts Fan speed controller including Saperate concealed back box.	No.	3.00		
E -15	Providing & installing 40 Cm (12") sweep,body Exhaust fan complete with blades	No.	2.00		

SECTION - D
LIGHT FIXTURES
Ref. Spec. Sec. No.8001,8150

Supply, installation, testing & commissioning of the following types of light fixtures including low loss electromagnetic ballast, internal wiring complete with all mounting accessories as per architectural arrangements/ requirements, dust & moisture protected and corrosion proof and suitable for this area as acceptibly supplied and installed and as approved by the Engineer.

E -16	Surface/Recessed Mounted Down lighter Led 12-15 W approved equivalent	No.	20.00		
E -17	Surface/Recessed Mounted Down lighter Led 7-8 W approved equivalent	No.	2.00		
E -18	Hanging Globe Light 15-20w approved equivalent	No.	6.00		
E -19	Bulk Head Light 10-15w or approved equivalent	No.	6.00		
E -20	Mirror Light 600mm 10-12w or approved equivalent	No.	2.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - E**MISCELLANEOUS ITEMS****Ref. Spec. Sec. 8001, 8290**

E -21	Supply, installation, testing & commissioning of 56 inch (1400 mm) dia Ceiling fan. The 56" dia ceiling fan shall be suitable to give an air displacement of minimum 11700 Cu. Ft/min. The ceiling fan shall comprise circular fan body metallic fan blades, down rod of suitable dia and length, AC capacitor, internal wiring, terminals all installation & operational accessories Fan Box as per tender specifications, as per site requirements and as directed by the Engineer.	No.	2.00		
E -22	Supply & Erection of TV socket with Back Box for TV/satellite cable RG 6 complete.	No.	2.00		

SECTION - F**DISTRIBUTION BOARD ,EARTHING****Ref. Spec. Sec. 8001, 8290**

E -23	Following L.T. Distribution Boards, (as per single line diagram shown on the drawing), including all control wiring, foundation, related civil works and all accessories, complete in all respects. 1 no TP MCCB 32A 15ka 6 no SP MCB 10A 10KA 18 no SP MCB 20A 10KA 3 No indication light 3 no Fuse 1 no Volt meter with Selector Switch	Job	1.00		
E -24	Earth electrode for building Earthing system comprise 1/2" dia, 10' long Copper deposited steel rod, including appropriate clamp for clamping of the . The copper deposited steel rod shall be hammered into the ground to the depth of twelve inches below the ground surface.	Job	2.00		

IP CCTV SYSTEM**(Ref. Spec. Nos. 8001, 8335)**

E-25	Supply at site, installation, testing & commissioning of Network TDN WDR IR Rugged Dome/Bullet Camera, 1/2.9" CMOS, 4 MP, 2.7-12mm MFZ, 4 High Power LEDs,VARIFOVAL DC IRIS NS, PoE, H.264, microSD, 128 GB max, IP 54 or better,IK 10, built in cyber security feature including mounting bracket, all fixing and mounting accessories, complete in all respects., complete in all respects.	Each	2.00		
------	---	------	------	--	--

Total Amount:

CONSTRUCTION OF GUEST UNITS - BLOCK 1-14 AT GUN & COUNTRY CLUB, ISLAMABAD

RESIDENTIAL UNIT - BLOCK- 3

BILL OF QUANTITIES

ELECTRICAL WORKS

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - A

WIRING IN CONCEALED CONDUITS

Ref. Spec. Sec. No.8001, 8220

E -01	Wiring of Circuit from DB to switch with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -02	Wiring from switch to light or fan point with 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20/25mm PVC Conduit.	Each	21.00		
E -03	Wiring from light point to light point 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -04	Wiring of Circuit from DB to 13A 3 pin Pin Socket with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -05	Wiring from 13Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -06	Wiring of Circuit from DB to Power Socket 15/20 Amps with 2 nos. single core 4 sqmm with 1 nos 2.5sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 25mm PVC Conduit.	Each	5.00		
E -07	Wiring from 15Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	1.00		

SECTION - B

LT CABLES

Ref. Spec. Sec. 8001, 8212

E -08	4 core 10 sqmm CU/PVC/PVC stranded copper conductor cable, 600/1000 V grade Including Cost of 50 mm PVC conduit with Excavation and back filling.	Rft	100.00		
E -09	1 core 10 sqmm green/yellow PVC insulated stranded copper conductor cable, 450/750V grade in Existing PVC conduit.	Rft	50.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - C
WIRING ACCESSORIES
Ref. Spec. Sec. 8001, 8220

E -10	10 Amps, 250 Volts one way, 3 gang light control switches including concealed back box.	No.	6.00		
E -11	10 Amps, 250 Volts one way, 2 gang light control switches including concealed back box.	No.	1.00		
E -12	13 Amps universal Socket, 250 Volts 3 pin switch socket unit including concealed back box.	No.	14.00		
E -13	20A DP Switch for Acs 250 Volts including concealed back box.	No.	3.00		
E -14	200 watts Fan speed controller including Saperate concealed back box.	No.	3.00		
E -15	Providing & installing 40 Cm (12") sweep,body Exhaust fan complete with blades	No.	2.00		

SECTION - D
LIGHT FIXTURES
Ref. Spec. Sec. No.8001,8150

Supply, installation, testing & commissioning of the following types of light fixtures including low loss electromagnetic ballast, internal wiring complete with all mounting accessories as per architectural arrangements/ requirements, dust & moisture protected and corrosion proof and suitable for this area as acceptibly supplied and installed and as approved by the Engineer.

E -16	Surface/Recessed Mounted Down lighter Led 12-15 W approved equivalent	No.	20.00		
E -17	Surface/Recessed Mounted Down lighter Led 7-8 W approved equivalent	No.	2.00		
E -18	Hanging Globe Light 15-20w approved equivalent	No.	6.00		
E -19	Bulk Head Light 10-15w or approved equivalent	No.	6.00		
E -20	Mirror Light 600mm 10-12w or approved equivalent	No.	2.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - E**MISCELLANEOUS ITEMS****Ref. Spec. Sec. 8001, 8290**

E -21	Supply, installation, testing & commissioning of 56 inch (1400 mm) dia Ceiling fan. The 56" dia ceiling fan shall be suitable to give an air displacement of minimum 11700 Cu. Ft/min. The ceiling fan shall comprise circular fan body metallic fan blades, down rod of suitable dia and length, AC capacitor, internal wiring, terminals all installation & operational accessories Fan Box as per tender specifications, as per site requirements and as directed by the Engineer.	No.	2.00		
E -22	Supply & Erection of TV socket with Back Box for TV/satellite cable RG 6 complete.	No.	2.00		

SECTION - F**DISTRIBUTION BOARD ,EARTHING****Ref. Spec. Sec. 8001, 8290**

E -23	Following L.T. Distribution Boards, (as per single line diagram shown on the drawing), including all control wiring, foundation, related civil works and all accessories, complete in all respects. 1 no TP MCCB 32A 15ka 6 no SP MCB 10A 10KA 18 no SP MCB 20A 10KA 3 No indication light 3 no Fuse 1 no Volt meter with Selector Switch	Job	1.00		
E -24	Earth electrode for building Earthing system comprise 1/2" dia, 10' long Copper deposited steel rod, including appropriate clamp for clamping of the . The copper deposited steel rod shall be hammered into the ground to the depth of twelve inches below the ground surface.	Job	2.00		

IP CCTV SYSTEM**(Ref. Spec. Nos. 8001, 8335)**

E-25	Supply at site, installation, testing & commissioning of Network TDN WDR IR Rugged Dome/Bullet Camera, 1/2.9" CMOS, 4 MP, 2.7-12mm MFZ, 4 High Power LEDs,VARIFOVAL DC IRIS NS, PoE, H.264, microSD, 128 GB max, IP 54 or better,IK 10, built in cyber security feature including mounting bracket, all fixing and mounting accessories, complete in all respects., complete in all respects.	Each	2.00		
------	---	------	------	--	--

Total Amount:

CONSTRUCTION OF GUEST UNITS - BLOCK 1-14 AT GUN & COUNTRY CLUB, ISLAMABAD

RESIDENTIAL UNIT - BLOCK- 4

BILL OF QUANTITIES

ELECTRICAL WORKS

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - A

WIRING IN CONCEALED CONDUITS

Ref. Spec. Sec. No.8001, 8220

E -01	Wiring of Circuit from DB to switch with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -02	Wiring from switch to light or fan point with 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20/25mm PVC Conduit.	Each	21.00		
E -03	Wiring from light point to light point 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -04	Wiring of Circuit from DB to 13A 3 pin Pin Socket with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -05	Wiring from 13Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -06	Wiring of Circuit from DB to Power Socket 15/20 Amps with 2 nos. single core 4 sqmm with 1 nos 2.5sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 25mm PVC Conduit.	Each	5.00		
E -07	Wiring from 15Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	1.00		

SECTION - B

LT CABLES

Ref. Spec. Sec. 8001, 8212

E -08	4 core 10 sqmm CU/PVC/PVC stranded copper conductor cable, 600/1000 V grade Including Cost of 50 mm PVC conduit with Excavation and back filling.	Rft	100.00		
E -09	1 core 10 sqmm green/yellow PVC insulated stranded copper conductor cable, 450/750V grade in Existing PVC conduit.	Rft	50.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - C
WIRING ACCESSORIES
Ref. Spec. Sec. 8001, 8220

E -10	10 Amps, 250 Volts one way, 3 gang light control switches including concealed back box.	No.	6.00		
E -11	10 Amps, 250 Volts one way, 2 gang light control switches including concealed back box.	No.	1.00		
E -12	13 Amps universal Socket, 250 Volts 3 pin switch socket unit including concealed back box.	No.	14.00		
E -13	20A DP Switch for Acs 250 Volts including concealed back box.	No.	3.00		
E -14	200 watts Fan speed controller including Saperate concealed back box.	No.	3.00		
E -15	Providing & installing 40 Cm (12") sweep,body Exhaust fan complete with blades	No.	2.00		

SECTION - D
LIGHT FIXTURES
Ref. Spec. Sec. No.8001,8150

Supply, installation, testing & commissioning of the following types of light fixtures including low loss electromagnetic ballast, internal wiring complete with all mounting accessories as per architectural arrangements/ requirements, dust & moisture protected and corrosion proof and suitable for this area as acceptibly supplied and installed and as approved by the Engineer.

E -16	Surface/Recessed Mounted Down lighter Led 12-15 W approved equivalent	No.	20.00		
E -17	Surface/Recessed Mounted Down lighter Led 7-8 W approved equivalent	No.	2.00		
E -18	Hanging Globe Light 15-20w approved equivalent	No.	6.00		
E -19	Bulk Head Light 10-15w or approved equivalent	No.	6.00		
E -20	Mirror Light 600mm 10-12w or approved equivalent	No.	2.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - E**MISCELLANEOUS ITEMS****Ref. Spec. Sec. 8001, 8290**

E -21	Supply, installation, testing & commissioning of 56 inch (1400 mm) dia Ceiling fan. The 56" dia ceiling fan shall be suitable to give an air displacement of minimum 11700 Cu. Ft/min. The ceiling fan shall comprise circular fan body metallic fan blades, down rod of suitable dia and length, AC capacitor, internal wiring, terminals all installation & operational accessories Fan Box as per tender specifications, as per site requirements and as directed by the Engineer.	No.	2.00		
E -22	Supply & Erection of TV socket with Back Box for TV/satellite cable RG 6 complete.	No.	2.00		

SECTION - F**DISTRIBUTION BOARD ,EARTHING****Ref. Spec. Sec. 8001, 8290**

E -23	Following L.T. Distribution Boards, (as per single line diagram shown on the drawing), including all control wiring, foundation, related civil works and all accessories, complete in all respects. 1 no TP MCCB 32A 15ka 6 no SP MCB 10A 10KA 18 no SP MCB 20A 10KA 3 No indication light 3 no Fuse 1 no Volt meter with Selector Switch	Job	1.00		
E -24	Earth electrode for building Earthing system comprise 1/2" dia, 10' long Copper deposited steel rod, including appropriate clamp for clamping of the . The copper deposited steel rod shall be hammered into the ground to the depth of twelve inches below the ground surface.	Job	2.00		

IP CCTV SYSTEM**(Ref. Spec. Nos. 8001, 8335)**

E-25	Supply at site, installation, testing & commissioning of Network TDN WDR IR Rugged Dome/Bullet Camera, 1/2.9" CMOS, 4 MP, 2.7-12mm MFZ, 4 High Power LEDs,VARIFOCAL DC IRIS NS, PoE, H.264, microSD, 128 GB max, IP 54 or better,IK 10, built in cyber security feature including mounting bracket, all fixing and mounting accessories, complete in all respects., complete in all respects.	Each	2.00		
------	---	------	------	--	--

Total Amount:

CONSTRUCTION OF GUEST UNITS - BLOCK 1-14 AT GUN & COUNTRY CLUB, ISLAMABAD

RESIDENTIAL UNIT - BLOCK- 5

BILL OF QUANTITIES

ELECTRICAL WORKS

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - A**WIRING IN CONCEALED CONDUITS****Ref. Spec. Sec. No.8001, 8220**

E -01	Wiring of Circuit from DB to switch with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -02	Wiring from switch to light or fan point with 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20/25mm PVC Conduit.	Each	21.00		
E -03	Wiring from light point to light point 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -04	Wiring of Circuit from DB to 13A 3 pin Pin Socket with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -05	Wiring from 13Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -06	Wiring of Circuit from DB to Power Socket 15/20 Amps with 2 nos. single core 4 sqmm with 1 nos 2.5sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 25mm PVC Conduit.	Each	5.00		
E -07	Wiring from 15Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	1.00		

SECTION - B**LT CABLES****Ref. Spec. Sec. 8001, 8212**

E -08	4 core 10 sqmm CU/PVC/PVC stranded copper conductor cable, 600/1000 V grade Including Cost of 50 mm PVC conduit with Excavation and back filling.	Rft	100.00		
E -09	1 core 10 sqmm green/yellow PVC insulated stranded copper conductor cable, 450/750V grade in Existing PVC conduit.	Rft	50.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - C
WIRING ACCESSORIES
Ref. Spec. Sec. 8001, 8220

E -10	10 Amps, 250 Volts one way, 3 gang light control switches including concealed back box.	No.	6.00		
E -11	10 Amps, 250 Volts one way, 2 gang light control switches including concealed back box.	No.	1.00		
E -12	13 Amps universal Socket, 250 Volts 3 pin switch socket unit including concealed back box.	No.	14.00		
E -13	20A DP Switch for Acs 250 Volts including concealed back box.	No.	3.00		
E -14	200 watts Fan speed controller including Saperate concealed back box.	No.	3.00		
E -15	Providing & installing 40 Cm (12") sweep,body Exhaust fan complete with blades	No.	2.00		

SECTION - D
LIGHT FIXTURES
Ref. Spec. Sec. No.8001,8150

Supply, installation, testing & commissioning of the following types of light fixtures including low loss electromagnetic ballast, internal wiring complete with all mounting accessories as per architectural arrangements/ requirements, dust & moisture protected and corrosion proof and suitable for this area as acceptibly supplied and installed and as approved by the Engineer.

E -16	Surface/Recessed Mounted Down lighter Led 12-15 W approved equivalent	No.	20.00		
E -17	Surface/Recessed Mounted Down lighter Led 7-8 W approved equivalent	No.	2.00		
E -18	Hanging Globe Light 15-20w approved equivalent	No.	6.00		
E -19	Bulk Head Light 10-15w or approved equivalent	No.	6.00		
E -20	Mirror Light 600mm 10-12w or approved equivalent	No.	2.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - E**MISCELLANEOUS ITEMS****Ref. Spec. Sec. 8001, 8290**

E -21	Supply, installation, testing & commissioning of 56 inch (1400 mm) dia Ceiling fan. The 56" dia ceiling fan shall be suitable to give an air displacement of minimum 11700 Cu. Ft/min. The ceiling fan shall comprise circular fan body metallic fan blades, down rod of suitable dia and length, AC capacitor, internal wiring, terminals all installation & operational accessories Fan Box as per tender specifications, as per site requirements and as directed by the Engineer.	No.	2.00		
E -22	Supply & Erection of TV socket with Back Box for TV/satellite cable RG 6 complete.	No.	2.00		

SECTION - F**DISTRIBUTION BOARD ,EARTHING****Ref. Spec. Sec. 8001, 8290**

E -23	Following L.T. Distribution Boards, (as per single line diagram shown on the drawing), including all control wiring, foundation, related civil works and all accessories, complete in all respects. 1 no TP MCCB 32A 15ka 6 no SP MCB 10A 10KA 18 no SP MCB 20A 10KA 3 No indication light 3 no Fuse 1 no Volt meter with Selector Switch	Job	1.00		
E -24	Earth electrode for building Earthing system comprise 1/2" dia, 10' long Copper deposited steel rod, including appropriate clamp for clamping of the . The copper deposited steel rod shall be hammered into the ground to the depth of twelve inches below the ground surface.	Job	2.00		

IP CCTV SYSTEM**(Ref. Spec. Nos. 8001, 8335)**

E-25	Supply at site, installation, testing & commissioning of Network TDN WDR IR Rugged Dome/Bullet Camera, 1/2.9" CMOS, 4 MP, 2.7-12mm MFZ, 4 High Power LEDs,VARIFOCAL DC IRIS NS, PoE, H.264, microSD, 128 GB max, IP 54 or better,IK 10, built in cyber security feature including mounting bracket, all fixing and mounting accessories, complete in all respects., complete in all respects.	Each	2.00		
------	---	------	------	--	--

Total Amount:

CONSTRUCTION OF GUEST UNITS - BLOCK 1-14 AT GUN & COUNTRY CLUB, ISLAMABAD

RESIDENTIAL UNIT - BLOCK- 6

BILL OF QUANTITIES

ELECTRICAL WORKS

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - A**WIRING IN CONCEALED CONDUITS****Ref. Spec. Sec. No.8001, 8220**

E -01	Wiring of Circuit from DB to switch with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -02	Wiring from switch to light or fan point with 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20/25mm PVC Conduit.	Each	21.00		
E -03	Wiring from light point to light point 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -04	Wiring of Circuit from DB to 13A 3 pin Pin Socket with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -05	Wiring from 13Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -06	Wiring of Circuit from DB to Power Socket 15/20 Amps with 2 nos. single core 4 sqmm with 1 nos 2.5sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 25mm PVC Conduit.	Each	5.00		
E -07	Wiring from 15Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	1.00		

SECTION - B**LT CABLES****Ref. Spec. Sec. 8001, 8212**

E -08	4 core 10 sqmm CU/PVC/PVC stranded copper conductor cable, 600/1000 V grade Including Cost of 50 mm PVC conduit with Excavation and back filling.	Rft	100.00		
E -09	1 core 10 sqmm green/yellow PVC insulated stranded copper conductor cable, 450/750V grade in Existing PVC conduit.	Rft	50.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - C
WIRING ACCESSORIES
Ref. Spec. Sec. 8001, 8220

E -10	10 Amps, 250 Volts one way, 3 gang light control switches including concealed back box.	No.	6.00		
E -11	10 Amps, 250 Volts one way, 2 gang light control switches including concealed back box.	No.	1.00		
E -12	13 Amps universal Socket, 250 Volts 3 pin switch socket unit including concealed back box.	No.	14.00		
E -13	20A DP Switch for Acs 250 Volts including concealed back box.	No.	3.00		
E -14	200 watts Fan speed controller including Saperate concealed back box.	No.	3.00		
E -15	Providing & installing 40 Cm (12") sweep,body Exhaust fan complete with blades	No.	2.00		

SECTION - D
LIGHT FIXTURES
Ref. Spec. Sec. No.8001,8150

Supply, installation, testing & commissioning of the following types of light fixtures including low loss electromagnetic ballast, internal wiring complete with all mounting accessories as per architectural arrangements/ requirements, dust & moisture protected and corrosion proof and suitable for this area as acceptibly supplied and installed and as approved by the Engineer.

E -16	Surface/Recessed Mounted Down lighter Led 12-15 W approved equivalent	No.	20.00		
E -17	Surface/Recessed Mounted Down lighter Led 7-8 W approved equivalent	No.	2.00		
E -18	Hanging Globe Light 15-20w approved equivalent	No.	6.00		
E -19	Bulk Head Light 10-15w or approved equivalent	No.	6.00		
E -20	Mirror Light 600mm 10-12w or approved equivalent	No.	2.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - E**MISCELLANEOUS ITEMS****Ref. Spec. Sec. 8001, 8290**

E -21	Supply, installation, testing & commissioning of 56 inch (1400 mm) dia Ceiling fan. The 56" dia ceiling fan shall be suitable to give an air displacement of minimum 11700 Cu. Ft/min. The ceiling fan shall comprise circular fan body metallic fan blades, down rod of suitable dia and length, AC capacitor, internal wiring, terminals all installation & operational accessories Fan Box as per tender specifications, as per site requirements and as directed by the Engineer.	No.	2.00		
E -22	Supply & Erection of TV socket with Back Box for TV/satellite cable RG 6 complete.	No.	2.00		

SECTION - F**DISTRIBUTION BOARD ,EARTHING****Ref. Spec. Sec. 8001, 8290**

E -23	Following L.T. Distribution Boards, (as per single line diagram shown on the drawing), including all control wiring, foundation, related civil works and all accessories, complete in all respects. 1 no TP MCCB 32A 15ka 6 no SP MCB 10A 10KA 18 no SP MCB 20A 10KA 3 No indication light 3 no Fuse 1 no Volt meter with Selector Switch	Job	1.00		
E -24	Earth electrode for building Earthing system comprise 1/2" dia, 10' long Copper deposited steel rod, including appropriate clamp for clamping of the . The copper deposited steel rod shall be hammered into the ground to the depth of twelve inches below the ground surface.	Job	2.00		

IP CCTV SYSTEM**(Ref. Spec. Nos. 8001, 8335)**

E-25	Supply at site, installation, testing & commissioning of Network TDN WDR IR Rugged Dome/Bullet Camera, 1/2.9" CMOS, 4 MP, 2.7-12mm MFZ, 4 High Power LEDs,VARIFOVAL DC IRIS NS, PoE, H.264, microSD, 128 GB max, IP 54 or better,IK 10, built in cyber security feature including mounting bracket, all fixing and mounting accessories, complete in all respects., complete in all respects.	Each	2.00		
------	---	------	------	--	--

Total Amount:

CONSTRUCTION OF GUEST UNITS - BLOCK 1-14 AT GUN & COUNTRY CLUB, ISLAMABAD

RESIDENTIAL UNIT - BLOCK- 7

BILL OF QUANTITIES

ELECTRICAL WORKS

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - A**WIRING IN CONCEALED CONDUITS****Ref. Spec. Sec. No.8001, 8220**

E -01	Wiring of Circuit from DB to switch with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -02	Wiring from switch to light or fan point with 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20/25mm PVC Conduit.	Each	21.00		
E -03	Wiring from light point to light point 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -04	Wiring of Circuit from DB to 13A 3 pin Pin Socket with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -05	Wiring from 13Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -06	Wiring of Circuit from DB to Power Socket 15/20 Amps with 2 nos. single core 4 sqmm with 1 nos 2.5sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 25mm PVC Conduit.	Each	5.00		
E -07	Wiring from 15Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	1.00		

SECTION - B**LT CABLES****Ref. Spec. Sec. 8001, 8212**

E -08	4 core 10 sqmm CU/PVC/PVC stranded copper conductor cable, 600/1000 V grade Including Cost of 50 mm PVC conduit with Excavation and back filling.	Rft	100.00		
E -09	1 core 10 sqmm green/yellow PVC insulated stranded copper conductor cable, 450/750V grade in Existing PVC conduit.	Rft	50.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - C
WIRING ACCESSORIES
Ref. Spec. Sec. 8001, 8220

E -10	10 Amps, 250 Volts one way, 3 gang light control switches including concealed back box.	No.	6.00		
E -11	10 Amps, 250 Volts one way, 2 gang light control switches including concealed back box.	No.	1.00		
E -12	13 Amps universal Socket, 250 Volts 3 pin switch socket unit including concealed back box.	No.	14.00		
E -13	20A DP Switch for Acs 250 Volts including concealed back box.	No.	3.00		
E -14	200 watts Fan speed controller including Saperate concealed back box.	No.	3.00		
E -15	Providing & installing 40 Cm (12") sweep,body Exhaust fan complete with blades	No.	2.00		

SECTION - D
LIGHT FIXTURES
Ref. Spec. Sec. No.8001,8150

Supply, installation, testing & commissioning of the following types of light fixtures including low loss electromagnetic ballast, internal wiring complete with all mounting accessories as per architectural arrangements/ requirements, dust & moisture protected and corrosion proof and suitable for this area as acceptibly supplied and installed and as approved by the Engineer.

E -16	Surface/Recessed Mounted Down lighter Led 12-15 W approved equivalent	No.	20.00		
E -17	Surface/Recessed Mounted Down lighter Led 7-8 W approved equivalent	No.	2.00		
E -18	Hanging Globe Light 15-20w approved equivalent	No.	6.00		
E -19	Bulk Head Light 10-15w or approved equivalent	No.	6.00		
E -20	Mirror Light 600mm 10-12w or approved equivalent	No.	2.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - E**MISCELLANEOUS ITEMS****Ref. Spec. Sec. 8001, 8290**

E -21	Supply, installation, testing & commissioning of 56 inch (1400 mm) dia Ceiling fan. The 56" dia ceiling fan shall be suitable to give an air displacement of minimum 11700 Cu. Ft/min. The ceiling fan shall comprise circular fan body metallic fan blades, down rod of suitable dia and length, AC capacitor, internal wiring, terminals all installation & operational accessories Fan Box as per tender specifications, as per site requirements and as directed by the Engineer.	No.	2.00		
E -22	Supply & Erection of TV socket with Back Box for TV/satellite cable RG 6 complete.	No.	2.00		

SECTION - F**DISTRIBUTION BOARD ,EARTHING****Ref. Spec. Sec. 8001, 8290**

E -23	Following L.T. Distribution Boards, (as per single line diagram shown on the drawing), including all control wiring, foundation, related civil works and all accessories, complete in all respects. 1 no TP MCCB 32A 15ka 6 no SP MCB 10A 10KA 18 no SP MCB 20A 10KA 3 No indication light 3 no Fuse 1 no Volt meter with Selector Switch	Job	1.00		
E -24	Earth electrode for building Earthing system comprise 1/2" dia, 10' long Copper deposited steel rod, including appropriate clamp for clamping of the . The copper deposited steel rod shall be hammered into the ground to the depth of twelve inches below the ground surface.	Job	2.00		

IP CCTV SYSTEM**(Ref. Spec. Nos. 8001, 8335)**

E-25	Supply at site, installation, testing & commissioning of Network TDN WDR IR Rugged Dome/Bullet Camera, 1/2.9" CMOS, 4 MP, 2.7-12mm MFZ, 4 High Power LEDs,VARIFOVAL DC IRIS NS, PoE, H.264, microSD, 128 GB max, IP 54 or better,IK 10, built in cyber security feature including mounting bracket, all fixing and mounting accessories, complete in all respects., complete in all respects.	Each	2.00		
------	---	------	------	--	--

Total Amount:

CONSTRUCTION OF GUEST UNITS - BLOCK 1-14 AT GUN & COUNTRY CLUB, ISLAMABAD

RESIDENTIAL UNIT - BLOCK- 8

BILL OF QUANTITIES

ELECTRICAL WORKS

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - A

WIRING IN CONCEALED CONDUITS

Ref. Spec. Sec. No.8001, 8220

E -01	Wiring of Circuit from DB to switch with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -02	Wiring from switch to light or fan point with 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20/25mm PVC Conduit.	Each	21.00		
E -03	Wiring from light point to light point 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -04	Wiring of Circuit from DB to 13A 3 pin Pin Socket with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -05	Wiring from 13Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -06	Wiring of Circuit from DB to Power Socket 15/20 Amps with 2 nos. single core 4 sqmm with 1 nos 2.5sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 25mm PVC Conduit.	Each	5.00		
E -07	Wiring from 15Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	1.00		

SECTION - B

LT CABLES

Ref. Spec. Sec. 8001, 8212

E -08	4 core 10 sqmm CU/PVC/PVC stranded copper conductor cable, 600/1000 V grade Including Cost of 50 mm PVC conduit with Excavation and back filling.	Rft	100.00		
E -09	1 core 10 sqmm green/yellow PVC insulated stranded copper conductor cable, 450/750V grade in Existing PVC conduit.	Rft	50.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - C
WIRING ACCESSORIES
Ref. Spec. Sec. 8001, 8220

E -10	10 Amps, 250 Volts one way, 3 gang light control switches including concealed back box.	No.	6.00		
E -11	10 Amps, 250 Volts one way, 2 gang light control switches including concealed back box.	No.	1.00		
E -12	13 Amps universal Socket, 250 Volts 3 pin switch socket unit including concealed back box.	No.	14.00		
E -13	20A DP Switch for Acs 250 Volts including concealed back box.	No.	3.00		
E -14	200 watts Fan speed controller including Saperate concealed back box.	No.	3.00		
E -15	Providing & installing 40 Cm (12") sweep,body Exhaust fan complete with blades	No.	2.00		

SECTION - D
LIGHT FIXTURES
Ref. Spec. Sec. No.8001,8150

Supply, installation, testing & commissioning of the following types of light fixtures including low loss electromagnetic ballast, internal wiring complete with all mounting accessories as per architectural arrangements/ requirements, dust & moisture protected and corrosion proof and suitable for this area as acceptibly supplied and installed and as approved by the Engineer.

E -16	Surface/Recessed Mounted Down lighter Led 12-15 W approved equivalent	No.	20.00		
E -17	Surface/Recessed Mounted Down lighter Led 7-8 W approved equivalent	No.	2.00		
E -18	Hanging Globe Light 15-20w approved equivalent	No.	6.00		
E -19	Bulk Head Light 10-15w or approved equivalent	No.	6.00		
E -20	Mirror Light 600mm 10-12w or approved equivalent	No.	2.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - E**MISCELLANEOUS ITEMS****Ref. Spec. Sec. 8001, 8290**

E -21	Supply, installation, testing & commissioning of 56 inch (1400 mm) dia Ceiling fan. The 56" dia ceiling fan shall be suitable to give an air displacement of minimum 11700 Cu. Ft/min. The ceiling fan shall comprise circular fan body metallic fan blades, down rod of suitable dia and length, AC capacitor, internal wiring, terminals all installation & operational accessories Fan Box as per tender specifications, as per site requirements and as directed by the Engineer.	No.	2.00		
E -22	Supply & Erection of TV socket with Back Box for TV/satellite cable RG 6 complete.	No.	2.00		

SECTION - F**DISTRIBUTION BOARD ,EARTHING****Ref. Spec. Sec. 8001, 8290**

E -23	Following L.T. Distribution Boards, (as per single line diagram shown on the drawing), including all control wiring, foundation, related civil works and all accessories, complete in all respects. 1 no TP MCCB 32A 15ka 6 no SP MCB 10A 10KA 18 no SP MCB 20A 10KA 3 No indication light 3 no Fuse 1 no Volt meter with Selector Switch	Job	1.00		
E -24	Earth electrode for building Earthing system comprise 1/2" dia, 10' long Copper deposited steel rod, including appropriate clamp for clamping of the . The copper deposited steel rod shall be hammered into the ground to the depth of twelve inches below the ground surface.	Job	2.00		

IP CCTV SYSTEM**(Ref. Spec. Nos. 8001, 8335)**

E-25	Supply at site, installation, testing & commissioning of Network TDN WDR IR Rugged Dome/Bullet Camera, 1/2.9" CMOS, 4 MP, 2.7-12mm MFZ, 4 High Power LEDs,VARIFOVAL DC IRIS NS, PoE, H.264, microSD, 128 GB max, IP 54 or better,IK 10, built in cyber security feature including mounting bracket, all fixing and mounting accessories, complete in all respects., complete in all respects.	Each	2.00		
------	---	------	------	--	--

Total Amount:

CONSTRUCTION OF GUEST UNITS - BLOCK 1-14 AT GUN & COUNTRY CLUB, ISLAMABAD

RESIDENTIAL UNIT - BLOCK-9

BILL OF QUANTITIES

ELECTRICAL WORKS

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - A

WIRING IN CONCEALED CONDUITS

Ref. Spec. Sec. No.8001, 8220

E -01	Wiring of Circuit from DB to switch with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -02	Wiring from switch to light or fan point with 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20/25mm PVC Conduit.	Each	21.00		
E -03	Wiring from light point to light point 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -04	Wiring of Circuit from DB to 13A 3 pin Pin Socket with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -05	Wiring from 13Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -06	Wiring of Circuit from DB to Power Socket 15/20 Amps with 2 nos. single core 4 sqmm with 1 nos 2.5sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 25mm PVC Conduit.	Each	5.00		
E -07	Wiring from 15Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	1.00		

SECTION - B

LT CABLES

Ref. Spec. Sec. 8001, 8212

E -08	4 core 10 sqmm CU/PVC/PVC stranded copper conductor cable, 600/1000 V grade Including Cost of 50 mm PVC conduit with Excavation and back filling.	Rft	100.00		
E -09	1 core 10 sqmm green/yellow PVC insulated stranded copper conductor cable, 450/750V grade in Existing PVC conduit.	Rft	50.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - C
WIRING ACCESSORIES
Ref. Spec. Sec. 8001, 8220

E -10	10 Amps, 250 Volts one way, 3 gang light control switches including concealed back box.	No.	6.00		
E -11	10 Amps, 250 Volts one way, 2 gang light control switches including concealed back box.	No.	1.00		
E -12	13 Amps universal Socket, 250 Volts 3 pin switch socket unit including concealed back box.	No.	14.00		
E -13	20A DP Switch for Acs 250 Volts including concealed back box.	No.	3.00		
E -14	200 watts Fan speed controller including Saperate concealed back box.	No.	3.00		
E -15	Providing & installing 40 Cm (12") sweep,body Exhaust fan complete with blades	No.	2.00		

SECTION - D
LIGHT FIXTURES
Ref. Spec. Sec. No.8001,8150

Supply, installation, testing & commissioning of the following types of light fixtures including low loss electromagnetic ballast, internal wiring complete with all mounting accessories as per architectural arrangements/ requirements, dust & moisture protected and corrosion proof and suitable for this area as acceptibly supplied and installed and as approved by the Engineer.

E -16	Surface/Recessed Mounted Down lighter Led 12-15 W approved equivalent	No.	20.00		
E -17	Surface/Recessed Mounted Down lighter Led 7-8 W approved equivalent	No.	2.00		
E -18	Hanging Globe Light 15-20w approved equivalent	No.	6.00		
E -19	Bulk Head Light 10-15w or approved equivalent	No.	6.00		
E -20	Mirror Light 600mm 10-12w or approved equivalent	No.	2.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - E**MISCELLANEOUS ITEMS****Ref. Spec. Sec. 8001, 8290**

E -21	Supply, installation, testing & commissioning of 56 inch (1400 mm) dia Ceiling fan. The 56" dia ceiling fan shall be suitable to give an air displacement of minimum 11700 Cu. Ft/min. The ceiling fan shall comprise circular fan body metallic fan blades, down rod of suitable dia and length, AC capacitor, internal wiring, terminals all installation & operational accessories Fan Box as per tender specifications, as per site requirements and as directed by the Engineer.	No.	2.00		
E -22	Supply & Erection of TV socket with Back Box for TV/satellite cable RG 6 complete.	No.	2.00		

SECTION - F**DISTRIBUTION BOARD ,EARTHING****Ref. Spec. Sec. 8001, 8290**

E -23	Following L.T. Distribution Boards, (as per single line diagram shown on the drawing), including all control wiring, foundation, related civil works and all accessories, complete in all respects. 1 no TP MCCB 32A 15ka 6 no SP MCB 10A 10KA 18 no SP MCB 20A 10KA 3 No indication light 3 no Fuse 1 no Volt meter with Selector Switch	Job	1.00		
E -24	Earth electrode for building Earthing system comprise 1/2" dia, 10' long Copper deposited steel rod, including appropriate clamp for clamping of the . The copper deposited steel rod shall be hammered into the ground to the depth of twelve inches below the ground surface.	Job	2.00		

IP CCTV SYSTEM**(Ref. Spec. Nos. 8001, 8335)**

E-25	Supply at site, installation, testing & commissioning of Network TDN WDR IR Rugged Dome/Bullet Camera, 1/2.9" CMOS, 4 MP, 2.7-12mm MFZ, 4 High Power LEDs,VARIFOVAL DC IRIS NS, PoE, H.264, microSD, 128 GB max, IP 54 or better,IK 10, built in cyber security feature including mounting bracket, all fixing and mounting accessories, complete in all respects., complete in all respects.	Each	2.00		
------	---	------	------	--	--

Total Amount:

CONSTRUCTION OF GUEST UNITS - BLOCK 1-14 AT GUN & COUNTRY CLUB, ISLAMABAD**RESIDENTIAL UNIT - BLOCK- 10****BILL OF QUANTITIES****ELECTRICAL WORKS**

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - A**WIRING IN CONCEALED CONDUITS****Ref. Spec. Sec. No.8001, 8220**

E -01	Wiring of Circuit from DB to switch with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -02	Wiring from switch to light or fan point with 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20/25mm PVC Conduit.	Each	21.00		
E -03	Wiring from light point to light point 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -04	Wiring of Circuit from DB to 13A 3 pin Pin Socket with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -05	Wiring from 13Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -06	Wiring of Circuit from DB to Power Socket 15/20 Amps with 2 nos. single core 4 sqmm with 1 nos 2.5sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 25mm PVC Conduit.	Each	5.00		
E -07	Wiring from 15Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	1.00		

SECTION - B**LT CABLES****Ref. Spec. Sec. 8001, 8212**

E -08	4 core 10 sqmm CU/PVC/PVC stranded copper conductor cable, 600/1000 V grade Including Cost of 50 mm PVC conduit with Excavation and back filling.	Rft	100.00		
E -09	1 core 10 sqmm green/yellow PVC insulated stranded copper conductor cable, 450/750V grade in Existing PVC conduit.	Rft	50.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - C
WIRING ACCESSORIES
Ref. Spec. Sec. 8001, 8220

E -10	10 Amps, 250 Volts one way, 3 gang light control switches including concealed back box.	No.	6.00		
E -11	10 Amps, 250 Volts one way, 2 gang light control switches including concealed back box.	No.	1.00		
E -12	13 Amps universal Socket, 250 Volts 3 pin switch socket unit including concealed back box.	No.	14.00		
E -13	20A DP Switch for Acs 250 Volts including concealed back box.	No.	3.00		
E -14	200 watts Fan speed controller including Saperate concealed back box.	No.	3.00		
E -15	Providing & installing 40 Cm (12") sweep,body Exhaust fan complete with blades	No.	2.00		

SECTION - D
LIGHT FIXTURES
Ref. Spec. Sec. No.8001,8150

Supply, installation, testing & commissioning of the following types of light fixtures including low loss electromagnetic ballast, internal wiring complete with all mounting accessories as per architectural arrangements/ requirements, dust & moisture protected and corrosion proof and suitable for this area as acceptibly supplied and installed and as approved by the Engineer.

E -16	Surface/Recessed Mounted Down lighter Led 12-15 W approved equivalent	No.	20.00		
E -17	Surface/Recessed Mounted Down lighter Led 7-8 W approved equivalent	No.	2.00		
E -18	Hanging Globe Light 15-20w approved equivalent	No.	6.00		
E -19	Bulk Head Light 10-15w or approved equivalent	No.	6.00		
E -20	Mirror Light 600mm 10-12w or approved equivalent	No.	2.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - E**MISCELLANEOUS ITEMS****Ref. Spec. Sec. 8001, 8290**

E -21	Supply, installation, testing & commissioning of 56 inch (1400 mm) dia Ceiling fan. The 56" dia ceiling fan shall be suitable to give an air displacement of minimum 11700 Cu. Ft/min. The ceiling fan shall comprise circular fan body metallic fan blades, down rod of suitable dia and length, AC capacitor, internal wiring, terminals all installation & operational accessories Fan Box as per tender specifications, as per site requirements and as directed by the Engineer.	No.	2.00		
E -22	Supply & Erection of TV socket with Back Box for TV/satellite cable RG 6 complete.	No.	2.00		

SECTION - F**DISTRIBUTION BOARD ,EARTHING****Ref. Spec. Sec. 8001, 8290**

E -23	Following L.T. Distribution Boards, (as per single line diagram shown on the drawing), including all control wiring, foundation, related civil works and all accessories, complete in all respects. 1 no TP MCCB 32A 15ka 6 no SP MCB 10A 10KA 18 no SP MCB 20A 10KA 3 No indication light 3 no Fuse 1 no Volt meter with Selector Switch	Job	1.00		
E -24	Earth electrode for building Earthing system comprise 1/2" dia, 10' long Copper deposited steel rod, including appropriate clamp for clamping of the . The copper deposited steel rod shall be hammered into the ground to the depth of twelve inches below the ground surface.	Job	2.00		

IP CCTV SYSTEM**(Ref. Spec. Nos. 8001, 8335)**

E-25	Supply at site, installation, testing & commissioning of Network TDN WDR IR Rugged Dome/Bullet Camera, 1/2.9" CMOS, 4 MP, 2.7-12mm MFZ, 4 High Power LEDs,VARIFOAL DC IRIS NS, PoE, H.264, microSD, 128 GB max, IP 54 or better,IK 10, built in cyber security feature including mounting bracket, all fixing and mounting accessories, complete in all respects., complete in all respects.	Each	2.00		
------	--	------	------	--	--

Total Amount:

CONSTRUCTION OF GUEST UNITS - BLOCK 1-14 AT GUN & COUNTRY CLUB, ISLAMABAD

RESIDENTIAL UNIT - BLOCK- 11

BILL OF QUANTITIES

ELECTRICAL WORKS

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - A**WIRING IN CONCEALED CONDUITS****Ref. Spec. Sec. No.8001, 8220**

E -01	Wiring of Circuit from DB to switch with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -02	Wiring from switch to light or fan point with 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20/25mm PVC Conduit.	Each	21.00		
E -03	Wiring from light point to light point 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -04	Wiring of Circuit from DB to 13A 3 pin Pin Socket with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -05	Wiring from 13Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -06	Wiring of Circuit from DB to Power Socket 15/20 Amps with 2 nos. single core 4 sqmm with 1 nos 2.5sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 25mm PVC Conduit.	Each	5.00		
E -07	Wiring from 15Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	1.00		

SECTION - B**LT CABLES****Ref. Spec. Sec. 8001, 8212**

E -08	4 core 10 sqmm CU/PVC/PVC stranded copper conductor cable, 600/1000 V grade Including Cost of 50 mm PVC conduit with Excavation and back filling.	Rft	100.00		
E -09	1 core 10 sqmm green/yellow PVC insulated stranded copper conductor cable, 450/750V grade in Existing PVC conduit.	Rft	50.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - C
WIRING ACCESSORIES
Ref. Spec. Sec. 8001, 8220

E -10	10 Amps, 250 Volts one way, 3 gang light control switches including concealed back box.	No.	6.00		
E -11	10 Amps, 250 Volts one way, 2 gang light control switches including concealed back box.	No.	1.00		
E -12	13 Amps universal Socket, 250 Volts 3 pin switch socket unit including concealed back box.	No.	14.00		
E -13	20A DP Switch for Acs 250 Volts including concealed back box.	No.	3.00		
E -14	200 watts Fan speed controller including Saperate concealed back box.	No.	3.00		
E -15	Providing & installing 40 Cm (12") sweep,body Exhaust fan complete with blades	No.	2.00		

SECTION - D
LIGHT FIXTURES
Ref. Spec. Sec. No.8001,8150

Supply, installation, testing & commissioning of the following types of light fixtures including low loss electromagnetic ballast, internal wiring complete with all mounting accessories as per architectural arrangements/ requirements, dust & moisture protected and corrosion proof and suitable for this area as acceptibly supplied and installed and as approved by the Engineer.

E -16	Surface/Recessed Mounted Down lighter Led 12-15 W approved equivalent	No.	20.00		
E -17	Surface/Recessed Mounted Down lighter Led 7-8 W approved equivalent	No.	2.00		
E -18	Hanging Globe Light 15-20w approved equivalent	No.	6.00		
E -19	Bulk Head Light 10-15w or approved equivalent	No.	6.00		
E -20	Mirror Light 600mm 10-12w or approved equivalent	No.	2.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - E**MISCELLANEOUS ITEMS****Ref. Spec. Sec. 8001, 8290**

E -21	Supply, installation, testing & commissioning of 56 inch (1400 mm) dia Ceiling fan. The 56" dia ceiling fan shall be suitable to give an air displacement of minimum 11700 Cu. Ft/min. The ceiling fan shall comprise circular fan body metallic fan blades, down rod of suitable dia and length, AC capacitor, internal wiring, terminals all installation & operational accessories Fan Box as per tender specifications, as per site requirements and as directed by the Engineer.	No.	2.00		
E -22	Supply & Erection of TV socket with Back Box for TV/satellite cable RG 6 complete.	No.	2.00		

SECTION - F**DISTRIBUTION BOARD ,EARTHING****Ref. Spec. Sec. 8001, 8290**

E -23	Following L.T. Distribution Boards, (as per single line diagram shown on the drawing), including all control wiring, foundation, related civil works and all accessories, complete in all respects. 1 no TP MCCB 32A 15ka 6 no SP MCB 10A 10KA 18 no SP MCB 20A 10KA 3 No indication light 3 no Fuse 1 no Volt meter with Selector Switch	Job	1.00		
E -24	Earth electrode for building Earthing system comprise 1/2" dia, 10' long Copper deposited steel rod, including appropriate clamp for clamping of the . The copper deposited steel rod shall be hammered into the ground to the depth of twelve inches below the ground surface.	Job	2.00		

IP CCTV SYSTEM**(Ref. Spec. Nos. 8001, 8335)**

E-25	Supply at site, installation, testing & commissioning of Network TDN WDR IR Rugged Dome/Bullet Camera, 1/2.9" CMOS, 4 MP, 2.7-12mm MFZ, 4 High Power LEDs,VARIFOVAL DC IRIS NS, PoE, H.264, microSD, 128 GB max, IP 54 or better,IK 10, built in cyber security feature including mounting bracket, all fixing and mounting accessories, complete in all respects., complete in all respects.	Each	2.00		
------	---	------	------	--	--

Total Amount:

CONSTRUCTION OF GUEST UNITS - BLOCK 1-14 AT GUN & COUNTRY CLUB, ISLAMABAD

RESIDENTIAL UNIT - BLOCK- 12

BILL OF QUANTITIES

ELECTRICAL WORKS

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - A**WIRING IN CONCEALED CONDUITS****Ref. Spec. Sec. No.8001, 8220**

E -01	Wiring of Circuit from DB to switch with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -02	Wiring from switch to light or fan point with 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20/25mm PVC Conduit.	Each	21.00		
E -03	Wiring from light point to light point 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -04	Wiring of Circuit from DB to 13A 3 pin Pin Socket with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -05	Wiring from 13Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -06	Wiring of Circuit from DB to Power Socket 15/20 Amps with 2 nos. single core 4 sqmm with 1 nos 2.5sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 25mm PVC Conduit.	Each	5.00		
E -07	Wiring from 15Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	1.00		

SECTION - B**LT CABLES****Ref. Spec. Sec. 8001, 8212**

E -08	4 core 10 sqmm CU/PVC/PVC stranded copper conductor cable, 600/1000 V grade Including Cost of 50 mm PVC conduit with Excavation and back filling.	Rft	100.00		
E -09	1 core 10 sqmm green/yellow PVC insulated stranded copper conductor cable, 450/750V grade in Existing PVC conduit.	Rft	50.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - C
WIRING ACCESSORIES
Ref. Spec. Sec. 8001, 8220

E -10	10 Amps, 250 Volts one way, 3 gang light control switches including concealed back box.	No.	6.00		
E -11	10 Amps, 250 Volts one way, 2 gang light control switches including concealed back box.	No.	1.00		
E -12	13 Amps universal Socket, 250 Volts 3 pin switch socket unit including concealed back box.	No.	14.00		
E -13	20A DP Switch for Acs 250 Volts including concealed back box.	No.	3.00		
E -14	200 watts Fan speed controller including Saperate concealed back box.	No.	3.00		
E -15	Providing & installing 40 Cm (12") sweep,body Exhaust fan complete with blades	No.	2.00		

SECTION - D
LIGHT FIXTURES
Ref. Spec. Sec. No.8001,8150

Supply, installation, testing & commissioning of the following types of light fixtures including low loss electromagnetic ballast, internal wiring complete with all mounting accessories as per architectural arrangements/ requirements, dust & moisture protected and corrosion proof and suitable for this area as acceptibly supplied and installed and as approved by the Engineer.

E -16	Surface/Recessed Mounted Down lighter Led 12-15 W approved equivalent	No.	20.00		
E -17	Surface/Recessed Mounted Down lighter Led 7-8 W approved equivalent	No.	2.00		
E -18	Hanging Globe Light 15-20w approved equivalent	No.	6.00		
E -19	Bulk Head Light 10-15w or approved equivalent	No.	6.00		
E -20	Mirror Light 600mm 10-12w or approved equivalent	No.	2.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - E**MISCELLANEOUS ITEMS****Ref. Spec. Sec. 8001, 8290**

E -21	Supply, installation, testing & commissioning of 56 inch (1400 mm) dia Ceiling fan. The 56" dia ceiling fan shall be suitable to give an air displacement of minimum 11700 Cu. Ft/min. The ceiling fan shall comprise circular fan body metallic fan blades, down rod of suitable dia and length, AC capacitor, internal wiring, terminals all installation & operational accessories Fan Box as per tender specifications, as per site requirements and as directed by the Engineer.	No.	2.00		
E -22	Supply & Erection of TV socket with Back Box for TV/satellite cable RG 6 complete.	No.	2.00		

SECTION - F**DISTRIBUTION BOARD ,EARTHING****Ref. Spec. Sec. 8001, 8290**

E -23	Following L.T. Distribution Boards, (as per single line diagram shown on the drawing), including all control wiring, foundation, related civil works and all accessories, complete in all respects. 1 no TP MCCB 32A 15ka 6 no SP MCB 10A 10KA 18 no SP MCB 20A 10KA 3 No indication light 3 no Fuse 1 no Volt meter with Selector Switch	Job	1.00		
E -24	Earth electrode for building Earthing system comprise 1/2" dia, 10' long Copper deposited steel rod, including appropriate clamp for clamping of the . The copper deposited steel rod shall be hammered into the ground to the depth of twelve inches below the ground surface.	Job	2.00		

IP CCTV SYSTEM**(Ref. Spec. Nos. 8001, 8335)**

E-25	Supply at site, installation, testing & commissioning of Network TDN WDR IR Rugged Dome/Bullet Camera, 1/2.9" CMOS, 4 MP, 2.7-12mm MFZ, 4 High Power LEDs,VARIFOAL DC IRIS NS, PoE, H.264, microSD, 128 GB max, IP 54 or better,IK 10, built in cyber security feature including mounting bracket, all fixing and mounting accessories, complete in all respects., complete in all respects.	Each	2.00		
------	--	------	------	--	--

Total Amount:

CONSTRUCTION OF GUEST UNITS - BLOCK 1-14 AT GUN & COUNTRY CLUB, ISLAMABAD

RESIDENTIAL UNIT - BLOCK- 13

BILL OF QUANTITIES

ELECTRICAL WORKS

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - A**WIRING IN CONCEALED CONDUITS****Ref. Spec. Sec. No.8001, 8220**

E -01	Wiring of Circuit from DB to switch with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -02	Wiring from switch to light or fan point with 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20/25mm PVC Conduit.	Each	21.00		
E -03	Wiring from light point to light point 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -04	Wiring of Circuit from DB to 13A 3 pin Pin Socket with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -05	Wiring from 13Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -06	Wiring of Circuit from DB to Power Socket 15/20 Amps with 2 nos. single core 4 sqmm with 1 nos 2.5sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 25mm PVC Conduit.	Each	5.00		
E -07	Wiring from 15Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	1.00		

SECTION - B**LT CABLES****Ref. Spec. Sec. 8001, 8212**

E -08	4 core 10 sqmm CU/PVC/PVC stranded copper conductor cable, 600/1000 V grade Including Cost of 50 mm PVC conduit with Excavation and back filling.	Rft	100.00		
E -09	1 core 10 sqmm green/yellow PVC insulated stranded copper conductor cable, 450/750V grade in Existing PVC conduit.	Rft	50.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - C
WIRING ACCESSORIES
Ref. Spec. Sec. 8001, 8220

E -10	10 Amps, 250 Volts one way, 3 gang light control switches including concealed back box.	No.	6.00		
E -11	10 Amps, 250 Volts one way, 2 gang light control switches including concealed back box.	No.	1.00		
E -12	13 Amps universal Socket, 250 Volts 3 pin switch socket unit including concealed back box.	No.	14.00		
E -13	20A DP Switch for Acs 250 Volts including concealed back box.	No.	3.00		
E -14	200 watts Fan speed controller including Saperate concealed back box.	No.	3.00		
E -15	Providing & installing 40 Cm (12") sweep,body Exhaust fan complete with blades	No.	2.00		

SECTION - D
LIGHT FIXTURES
Ref. Spec. Sec. No.8001,8150

Supply, installation, testing & commissioning of the following types of light fixtures including low loss electromagnetic ballast, internal wiring complete with all mounting accessories as per architectural arrangements/ requirements, dust & moisture protected and corrosion proof and suitable for this area as acceptibly supplied and installed and as approved by the Engineer.

E -16	Surface/Recessed Mounted Down lighter Led 12-15 W approved equivalent	No.	20.00		
E -17	Surface/Recessed Mounted Down lighter Led 7-8 W approved equivalent	No.	2.00		
E -18	Hanging Globe Light 15-20w approved equivalent	No.	6.00		
E -19	Bulk Head Light 10-15w or approved equivalent	No.	6.00		
E -20	Mirror Light 600mm 10-12w or approved equivalent	No.	2.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - E**MISCELLANEOUS ITEMS****Ref. Spec. Sec. 8001, 8290**

E -21	Supply, installation, testing & commissioning of 56 inch (1400 mm) dia Ceiling fan. The 56" dia ceiling fan shall be suitable to give an air displacement of minimum 11700 Cu. Ft/min. The ceiling fan shall comprise circular fan body metallic fan blades, down rod of suitable dia and length, AC capacitor, internal wiring, terminals all installation & operational accessories Fan Box as per tender specifications, as per site requirements and as directed by the Engineer.	No.	2.00		
E -22	Supply & Erection of TV socket with Back Box for TV/satellite cable RG 6 complete.	No.	2.00		

SECTION - F**DISTRIBUTION BOARD ,EARTHING****Ref. Spec. Sec. 8001, 8290**

E -23	Following L.T. Distribution Boards, (as per single line diagram shown on the drawing), including all control wiring, foundation, related civil works and all accessories, complete in all respects. 1 no TP MCCB 32A 15ka 6 no SP MCB 10A 10KA 18 no SP MCB 20A 10KA 3 No indication light 3 no Fuse 1 no Volt meter with Selector Switch	Job	1.00		
E -24	Earth electrode for building Earthing system comprise 1/2" dia, 10' long Copper deposited steel rod, including appropriate clamp for clamping of the . The copper deposited steel rod shall be hammered into the ground to the depth of twelve inches below the ground surface.	Job	2.00		

IP CCTV SYSTEM**(Ref. Spec. Nos. 8001, 8335)**

E-25	Supply at site, installation, testing & commissioning of Network TDN WDR IR Rugged Dome/Bullet Camera, 1/2.9" CMOS, 4 MP, 2.7-12mm MFZ, 4 High Power LEDs,VARIFOVAL DC IRIS NS, PoE, H.264, microSD, 128 GB max, IP 54 or better,IK 10, built in cyber security feature including mounting bracket, all fixing and mounting accessories, complete in all respects., complete in all respects.	Each	2.00		
------	---	------	------	--	--

Total Amount:

CONSTRUCTION OF GUEST UNITS - BLOCK 1-14 AT GUN & COUNTRY CLUB, ISLAMABAD

RESIDENTIAL UNIT - BLOCK- 14

BILL OF QUANTITIES

ELECTRICAL WORKS

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - A

WIRING IN CONCEALED CONDUITS

Ref. Spec. Sec. No.8001, 8220

E -01	Wiring of Circuit from DB to switch with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -02	Wiring from switch to light or fan point with 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20/25mm PVC Conduit.	Each	21.00		
E -03	Wiring from light point to light point 3 nos. single core 1.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -04	Wiring of Circuit from DB to 13A 3 pin Pin Socket with 3 nos. single core 2.5 sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 20mm PVC Conduit including wiring between Switches .	Each	2.00		
E -05	Wiring from 13Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	12.00		
E -06	Wiring of Circuit from DB to Power Socket 15/20 Amps with 2 nos. single core 4 sqmm with 1 nos 2.5sqmm PVC insulated 450/750 Volts grade solid or stranded copper conductor cables in 25mm PVC Conduit.	Each	5.00		
E -07	Wiring from 15Amps, 3 pin socket to socket with 3 Nos. one core 2.5 sqmm PVC insulated 450/750 volts grade solid or stranded copper conductor cables 20mm PVC Conduit.	Each	1.00		

SECTION - B

LT CABLES

Ref. Spec. Sec. 8001, 8212

E -08	4 core 10 sqmm CU/PVC/PVC stranded copper conductor cable, 600/1000 V grade Including Cost of 50 mm PVC conduit with Excavation and back filling.	Rft	100.00		
E -09	1 core 10 sqmm green/yellow PVC insulated stranded copper conductor cable, 450/750V grade in Existing PVC conduit.	Rft	50.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - C
WIRING ACCESSORIES
Ref. Spec. Sec. 8001, 8220

E -10	10 Amps, 250 Volts one way, 3 gang light control switches including concealed back box.	No.	6.00		
E -11	10 Amps, 250 Volts one way, 2 gang light control switches including concealed back box.	No.	1.00		
E -12	13 Amps universal Socket, 250 Volts 3 pin switch socket unit including concealed back box.	No.	14.00		
E -13	20A DP Switch for Acs 250 Volts including concealed back box.	No.	3.00		
E -14	200 watts Fan speed controller including Saperate concealed back box.	No.	3.00		
E -15	Providing & installing 40 Cm (12") sweep,body Exhaust fan complete with blades	No.	2.00		

SECTION - D
LIGHT FIXTURES
Ref. Spec. Sec. No.8001,8150

Supply, installation, testing & commissioning of the following types of light fixtures including low loss electromagnetic ballast, internal wiring complete with all mounting accessories as per architectural arrangements/ requirements, dust & moisture protected and corrosion proof and suitable for this area as acceptibly supplied and installed and as approved by the Engineer.

E -16	Surface/Recessed Mounted Down lighter Led 12-15 W approved equivalent	No.	20.00		
E -17	Surface/Recessed Mounted Down lighter Led 7-8 W approved equivalent	No.	2.00		
E -18	Hanging Globe Light 15-20w approved equivalent	No.	6.00		
E -19	Bulk Head Light 10-15w or approved equivalent	No.	6.00		
E -20	Mirror Light 600mm 10-12w or approved equivalent	No.	2.00		

ITEM NO.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)

SECTION - E**MISCELLANEOUS ITEMS****Ref. Spec. Sec. 8001, 8290**

E -21	Supply, installation, testing & commissioning of 56 inch (1400 mm) dia Ceiling fan. The 56" dia ceiling fan shall be suitable to give an air displacement of minimum 11700 Cu. Ft/min. The ceiling fan shall comprise circular fan body metallic fan blades, down rod of suitable dia and length, AC capacitor, internal wiring, terminals all installation & operational accessories Fan Box as per tender specifications, as per site requirements and as directed by the Engineer.	No.	2.00		
E -22	Supply & Erection of TV socket with Back Box for TV/satellite cable RG 6 complete.	No.	2.00		

SECTION - F**DISTRIBUTION BOARD ,EARTHING****Ref. Spec. Sec. 8001, 8290**

E -23	Following L.T. Distribution Boards, (as per single line diagram shown on the drawing), including all control wiring, foundation, related civil works and all accessories, complete in all respects. 1 no TP MCCB 32A 15ka 6 no SP MCB 10A 10KA 18 no SP MCB 20A 10KA 3 No indication light 3 no Fuse 1 no Volt meter with Selector Switch	Job	1.00		
E -24	Earth electrode for building Earthing system comprise 1/2" dia, 10' long Copper deposited steel rod, including appropriate clamp for clamping of the . The copper deposited steel rod shall be hammered into the ground to the depth of twelve inches below the ground surface.	Job	2.00		

IP CCTV SYSTEM**(Ref. Spec. Nos. 8001, 8335)**

E-25	Supply at site, installation, testing & commissioning of Network TDN WDR IR Rugged Dome/Bullet Camera, 1/2.9" CMOS, 4 MP, 2.7-12mm MFZ, 4 High Power LEDs,VARIFOVAL DC IRIS NS, PoE, H.264, microSD, 128 GB max, IP 54 or better,IK 10, built in cyber security feature including mounting bracket, all fixing and mounting accessories, complete in all respects., complete in all respects.	Each	2.00		
------	---	------	------	--	--

Total Amount:

CONSTRUCTION OF GUEST UNITS - BLOCK 1-14 AT GUN & COUNTRY CLUB, ISLAMABAD

RESIDENTIAL UNIT - BLOCK-1 to 14

BILL OF QUANTITIES

EXTERNAL ELECTRICAL WORKS

ITEM No.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(c)	(d)	(e)	(f)	(g)
	Supply, installation, testing and commissioning of the following items of work (unless specifically stated otherwise) including all material, labour, tools, plant, accessories, related civil works, etc., required for proper completion of each item as per specifications (Section-8001 "General Specifications for Electrical Works" shall be applicable to all BOQ items).				
	PVC CONDUIT & DUCT				
E -01	Supply and fixing 50mm (2") dia pvc conduit with all especial such as bends, sockets, junction etc Fitted on surface as required	P/Rft	500		
E -02	Supply and fixing 30mm (1-1/4") dia pvc conduit with all especial such as bends, sockets, junction etc recessed in the wall or column as required	P/Rft	500		
	CLIPSAL ACCESSORIES ON RESSED METAL BOARD				
E -03	Providing & fixing Polycarbonate flame retardant, 400 watts fan dimmer with plate fixed on die fabricated, powder coated, metal board recessed in the wall or column including connection as required.	Each	4		
	ELECTRIC FANS				
	Ceiling Fan				
E -04	Providing & installing 140 Cm (56") sweep ceiling fan with blades, canopy, standard length of down rod including connection with 14.0076" flexible wire complete as required. (without regulator) Millat/Pak/Asia/Younas/ Climax/Royal.	Each	4		
	Wall Bracket Fan				
E -05	Providing & installing 35 Cm (14") sweep Plastic body Louvre wall bracket fan complete with blades, regulator & moveing grill with motor, fitted on wall or column with GI clip including connection with 14.0076" flexible wire complete as required. Millat / Pak / Asia / Younas / Climax / Royal.	Each	4		

ITEM No.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(c)	(d)	(e)	(f)	(g)
Fan Clamps					
E -06	Providing & fixing 3"x4"x5" size (14 SWG) thick recessed type fan clamp box with 1/2" dia MS bar fan clamp fixed in roof at casting time as required.	Each.	4		
Double Action Plastic Body Exhaust Fans					
E -07	Providing & installing 25 Cm (10") sweep Plastic body Louvre wall bracket fan complete with blades, regulator & moving grill with motor, fitted on wall or column with GI clip including connection with 14.0076" flexible wire complete as required. Millat / Pak / Asia / Younas / Climax / Royal.	Each	2		
(Sunlight , Piere Light , Future Technology)					
E -08	Supply installation testing & commissioning of recessed / surface mounted Ceiling light/down light including driver having warm/ natural white / cool white colour 80-90 lm/ watt efficiency .9 or above power factor , 20000-25000 hours life cycle including connection complete in all respect as approved by the Engineer incharge. (18-20) Watts	Each	20		
CIVIL WORKS					
EXCAVATION					
E -09	Excavation in soft soil including lift upto 5ft and filling excavated earth including breaking clods dressing, watering, consolidation and ramming in layers to full compaction i/c disposal of surplus excavated stuff as directed as required.	P/CFT	1,000		
E -10	Excavation in Hard soil including lift up to 5ft and filling excavated earth including ,breaking clods, dressing ,watering, consolidation and ramming: in layers to full compaction i/c disposal of surplus us excavated stuff as directed.	P/CFT	1,000		
LT UN ARMoured CABLE IN EXISTING CONDUIT OR CABLE DUCT					
E -11	Providing & laying 2 core, 10 mm ² , PVC insulated & PVC sheathed, 600/1000 volts grade with stranded copper conductor , un armoured, L.T cable in existing all kind of conduit or cable duct as per Pak. P.W.D specification as required.	P/Rft	4,000		
E -12	Providing & laying 4 core, 50 mm ² , PVC insulated & PVC sheathed, 600/1000 volts grade with stranded copper conductor , un armoured, L.T cable in existing all kind of conduit or cable duct as per Pak. P.W.D specification as required.	P/Rft	500		

ITEM No.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(c)	(d)	(e)	(f)	(g)
Pad Mounted Transformer					
E -13	Providing fixing and commissioning in door / pad mounted step down 11000/400 volts three phase 50 hz , transformer as per electricity code complete in all respect as required (200 KVA)	Each	1		
CABLE PULLING PIT (6'X6'X7')					
E -14	Cable pulling pit (6' X 6' X 7') made of RCC(1:2:4) and RCC cover with MS angle frame for easy pulling of cables including all accessories located as per drawings.	No	2		
E -15	Sealing of conduits after cable pulling with jute & Plaster of Paris as per Engineer's Instructions.	No.	6		
HT & LT CABLES & SYSTEMS					
<u>HT 11 KV CABLE</u>					
E -16	Supply & Installation of 3 core, 120 mm ² 8.7/15 kV Aluminum conductors, XLPE cable laid in already installed uPVC conduits in already excavated cable trenches as per requirements of the MV distribution system as per WAPDA standards.	Rft	600		
E -17	Supply & Installation of 15kV termination kits suitable for following size 3 core, 120 mm ² 8.7/15 kV Aluminum conductors, XLPE including all accessories, complete in all respects for Transformers	No	5		
<u>L.T SWITCHBOARDS /</u>					
<u>SUB MAIN DISTRIBUTION BOARDS</u>					
Ref. Spec. Sec. 8133, 8212, 8240					
Following L.T. Switchboard 150Ampere and Submain Distribution Boards, (as per single line diagram shown on the drawing), including all control wiring, foundation, related civil works and all accessories, complete in all respects.					
E -18	DB-EXT-01	Job	2		
E -19	Light Control Panel (LCP) including MCCB, MCB, Panel Photocell timer, MC Outdoor type	Job	1		

ITEM No.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(c)	(d)	(e)	(f)	(g)

EXTERNAL POLES & LIGHTS

Following Epoxy Painted, Hot Dipped Galvanized steel lighting columns, including pole cap, base plate, shim plates, clamps, cable connection box with one mcb for each light fixtures and all other accessories, RCC foundation and all related civil works, numbering, etc. complete in all respects.

E -20	7 M high column with Double arms.	Nos.	20		
-------	-----------------------------------	------	----	--	--

E -21	Rod Type Earth comprising of 12.7mm dia, 3m long Copper deposited steel rod, including appropriate clamp for clamping of the down conductor. The copper deposited steel rod shall be hammered into the ground to the depth of 300mm below the ground surface. The earth electrode includes excavation, backfilling, etc.	Job	20		
-------	--	-----	----	--	--

Supply, installation, testing & commissioning of the following types of LED light fixtures including, internal wiring(light to cable termination box) including cable termination box with circuit breaker complete with all mounting accessories as per architectural arrangements/ requirements, dust & moisture protected and corrosion proof and suitable for this area as acceptably supplied and installed as per sample per specifications approved by the Engineer.

E -22	1m high Decorative led Bollard type light with foundation.	No.	80		
-------	--	-----	----	--	--

E -23	Decorative gate light fixture	No.	4		
-------	-------------------------------	-----	---	--	--

E -24	Decorative Planter Light	No.	20		
-------	--------------------------	-----	----	--	--

CONDUITS & PIPES (Ref. Spec. Sec. 8001 8230)

E -25	Supply and Installation of 4" dia PVC Class 'D' pipe for Power cables underground and sealing the space around pipe.	Rft	300.00		
-------	--	-----	--------	--	--

E -26	Supply and Installation of 2" dia PVC Class 'D' pipe for Power cables underground and sealing the space around pipe.	Rft	1500.00		
-------	--	-----	---------	--	--

ITEM No.	DESCRIPTION	UNIT	QTY.	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(c)	(d)	(e)	(f)	(g)
LOW VOLTAGE D.G. SET					
Ref. Spec. Sec. 8001, 8111, 8240.					
E -27	200 kVA, Prime Rating 415 volt D.G. Set skid mounted including control / Instrument Panels, generator Panel, fuel day tank and all accessories along with Sound proof Canopy, locally manufactured for 200 kVA Prime D.G. Set. etc. complete in all respect including factory testing expenditure as mentioned in Clause 13 of Section 8001.	Job.	1.00		
E -28	AMF/ATS panel commissioning of suitable free standing panel for 200 kVA D.G. Set consisting of all controls, mains failure sensing equipment MOR, 40 kA Class II SPDs, Phase Failure/Phase Rotation Relay, monitoring instruments, AMF/ATS Module Card, motorized changeover circuit breakers of suitable rating and rupturing capacity (contactor not acceptable), auto start/stop, auto synchronizing and auto load sharing system, suitable for 200 KVA generator set, internal wiring, all necessary accessories complete in all respects. In case of failure of WAPDA, ATS should have the provision of shifting the load manually.	Job.	1.00		
E-29	Supply at site, installation, testing & commissioning of Network TDN WDR IR Rugged Dome/Bullet Camera, 1/2.9" CMOS, 4 MP, 2.7-12mm MFZ, 4 High Power LEDs,VARIFOCAL DC IRIS NS, PoE, H.264, microSD, 128 GB max, IP 54 or better,IK 10, built in cyber security feature including mounting bracket, all fixing and mounting accessories, complete in all respects., complete in all respects.	Each	30.00		

Total Amount: