Proposal For:

Sample Residence
BDG Sample Project

Presented By:

BlueDog Group
3651 FAU Blvd.
Suite 400
Boca Raton, FL 33432
www.bluedog.group

Qty	Description

1st Floor: Dining Room

2   **- SPEAKER - IN-CEILING (250)**
Allowance ($250) for in-ceiling recessed speaker, make / model TBD @ time of ordering (ea.). [Typical of ##]

1   - BRACKET-SPEAKER-NC
Allowance for standard new-construction speaker bracket, make / model TBD @ time of ordering (each). [Typical of ##]

1   **Prewire - 02.1 SPK_Pair**
Prewire for stereo speakers, remote equipment location, includes; 14-4[1]

* Price Includes Accessories
Presented By: BlueDog Group   5/3/2023
Project: BDG Sample Project   Page 2 of 15

Qty	Description

1st Floor: Family Room

1   **ARAKNIS NETWORKS AN-110-SW-C-5**

110-series 5-port unmanaged+ gigabit switch with compact design, wall- mount ears included, 12 VDC (external power supply included).

     1   CABLE ~PWR-MANUF

Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

     1   CABLE DATA-LAN

Data cable, RJ45 network patch, up to 12 ft. [EACH]

1   **CONTROL4 C4-EA1-V2-RSK**

Control4 EA-1 Version 2 Entertainment and Automation Controller System with remote & recharging station, including C4-EA-1-V2 controller and C4-SR260RSK remote control and charging station with SR-260 rechargeable battery.

     1   CABLE ~PWR-MANUF

Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

     1   CABLE DATA-LAN

Data cable, RJ45 network patch, up to 12 ft. [EACH]

     1   CABLE VIDEO-HDMI

Video cable, HDMI [M] to [M], 6 ft. [EACH]

     4   CONTROL4 ~C4-CBLIRF

IR flasher with LED feedback, 3.5 MM (1/8") plug compatible with most IR repeaters, includes flasher covers. PACKAGE ITEM - DO NOT ORDER.

     1   CONTROL4 ~C4-EA1-V2

EA-1 entertainment and automation controller, version 2, optional rack mount shelf available (1U), sold separately. *PACKAGE ITEM [DO NOT ORDER]

     1   CONTROL4 ~C4-SR260RSK

C4-SR260 System remote control and recharging station. *PACKAGE ITEM [DO NOT ORDER]

     1   CONTROL4-PRGM C4 PROGRAMMING - REMOTE

Control4 system programming for handheld remote control

     1   CONTROL4-PRGM C4 PROGRAMMING - SECONDARY CONTROLLER

Control4 system programming for secondary project controllers

1   **Prewire - 02.1 SUB_InWall**

Prewire for in-wall passive subwoofer, remote equipment location, includes; 14-4(1)

1   **Prewire - 02.1 SURR_5.1**

Prewire for digital 5.1 surround sound system, remote equipment location, includes; 14-2(5)/RG59(1)

---

* Price Includes Accessories

Qty	Description

1   **Prewire - 03.1 VID_HDBaseT + 2 Data + RG6**

Prewire for audio/video device, display or system using HDBaseT transmitter/receiver (not included) plus Cat6 data, remote equipment location, includes; Cat6STP(1), Cat6(2), RG6QS(1)

1   **SONANCE SB46-65**

Soundbar speaker for display diagonal size of 65", 3-way design w/3x 1" tweeter, 3x 4" midrange, 6x 4.5" woofer, 8 ohms, mounting hardware included, black.

2   **SONANCE VP64R**

6.5" in-ceiling Visual Performance Series speaker, round grill [EACH]

     1   SONANCE MEDIUM ROUND FLEX BRACKET

In-ceiling new construction flex bracket for medium (6.5 inch) round speaker. [EACH]

1   **SONANCE VPSUB**

In-wall subwoofer, 10" (254mm) laminated carbon fiber cone, 8 ohms, requires DSP 2-150 amplifier or Sonance DSP 8-130 MKII using two channels bridged (sold separately).

1   **SONY KD-65X85K**

X85K Series 65" class (2022), 4K, High Dynamic Range (HDR), Smart TV (Google TV), built-in WiFi, black finish.

     1   - IR EMITTER

Single IR flasher, make/model TBD @ ordering.

     1   CABLE ~PWR-MANUF

Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

     1   CABLE DATA-LAN

Data cable, RJ45 network patch, up to 12 ft. [EACH]

     1   SETUP TV

INITIAL SETUP

1   **STRONG SM-CB-T-XL**

Carbon Series tilt wall mount for extra-large (49" - 90") flat panel TV's (up to 200 lbs.), depth from wall 2.69", black finish.

1   **STRONG SM-RBX-14-WH**

Strong VersaBox In-Wall Recessed Dual Layer Flat Panel Solution Low-Voltage Box, 14" x 14" (white).

     1   STRONG SM-RBX-14-BKT

Strong VersaBox pre-construction bracket (14" x 14").

1   **WATTBOX WB-300-IP-3**

IP controllable 3 outlet (3 controlled) compact power conditioner with auto reboot,12A Rating.

     1   CABLE ~PWR-MANUF

Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

Qty	Description
1	CABLE DATA-LAN Data cable, RJ45 network patch, up to 12 ft. [EACH]
1	SETUP IP SMART POWER INITIAL SETUP

Qty	Description

1st Floor: Family Room: Remote EQ Location

1   **APPLE APPLE TV 4K 64GB G3 WIFI**

Apple TV Generation 3, 4K, HDR 10+, 64 GB storage, Siri remote, Dolby Digital Plus, Dolby Digital, Dolby Atmos, Bluetooth, Wi-Fi 6 (802.11ax) with 2x2 MIMO, black.

     1   - IR EMITTER

Single IR flasher, make/model TBD @ ordering.

     1   CABLE ~PWR-MANUF

Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

     1   CABLE VIDEO-HDMI

Video cable, HDMI [M] to [M], 6 ft. [EACH]

     1   SETUP STREAMER [AV]

INITIAL SETUP

1   **AVPRO EDGE AC-EX70-UHD-ARC**

HDMI Ultra Slim 4K HDBaseT extender set with Audio Return Channel, 4K60 4:2:0, 4K30 4:4:4, extend HDMI up to 70 meters over CAT-5/6 cable, includes transmitter and receiver units, 48 VDC power adapter.

     1   AVPRO EDGE ~AC-EX70-UHD-ARC-R

HDBaseT extender receiver unit for AC-EX70-UHD-ARC package. *PACKAGE ITEM - DO NOT ORDER

     1   AVPRO EDGE ~AC-EX70-UHD-ARC-T

HDBaseT extender transmitter unit for AC-EX70-UHD-ARC package. *PACKAGE ITEM - DO NOT ORDER

     1   AVPRO EDGE ~IR EMITTER

Single IR transmitter (emitter). *PACKAGE ITEM - DO NOT ORDER

     1   AVPRO EDGE ~IR RECEIVER

Single IR receiver (eye). *PACKAGE ITEM - DO NOT ORDER

     1   CABLE ~PWR-MANUF

Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

     2   CABLE VIDEO-HDMI

Video cable, HDMI [M] to [M], 6 ft. [EACH]

1   **OWNER FURNISHED HD CABLE DVR**

Owner supplied HD cable tuner with integrated digital video recorder. Comcast x1Pace Xi3 v2 PX032ANI box or similar.

     1   - IR EMITTER

Single IR flasher, make/model TBD @ ordering.

---

* Price Includes Accessories

Qty	Description

1 CABLE ~PWR-MANUF
Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

1 CABLE VIDEO-F
Video cable, RG6 with F connectors, 6 ft. [EACH]

1 CABLE VIDEO-HDMI
Video cable, HDMI [M] to [M], 6 ft. [EACH]

1 SETUP DIGITAL CABLE
INITIAL SETUP

1 **SONANCE DSP 2-150 MKII**
2-channel digital amplifier, 150 watts RMS per channel @ 8 ohms, built-in DSP, network control, half rack width (1U).

1 CABLE ~PWR-MANUF
Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

1 CABLE AUDIO-RCA DUAL
Audio cable, dual RCA [M] to dual RCA [M]. [EACH]

1 CABLE DATA-LAN
Data cable, RJ45 network patch, up to 12 ft. [EACH]

1 SETUP IP DEVICE
INITIAL SETUP

1 **SONOS PORT**
Versatile streaming component for stereo or receiver, analog line in/out, digital out, dual Ethernet ports, RCA input cables and power supply included, matte black finish.

1 CABLE ~PWR-MANUF
Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

1 CABLE AUDIO-RCA DUAL
Audio cable, dual RCA [M] to dual RCA [M]. [EACH]

1 CABLE DATA-LAN
Data cable, RJ45 network patch, up to 12 ft. [EACH]

1 SETUP STREAMER [AV]
INITIAL SETUP

1 **SONY STR-AZ1000ES**
Premium ES 7.2 channel Home Theater AV Receiver, supports Dolby Atmos & DTS:X object-based sound decoding, 100W per channel, 6-in/2-out 8K & 4K/120 HDMI connectivity, RS-232 and IR.

---

* Price Includes Accessories

Qty	Description

1   - IR EMITTER
Single IR flasher, make/model TBD @ ordering.

1   CABLE ~PWR-MANUF
Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

1   CABLE DATA-LAN
Data cable, RJ45 network patch, up to 12 ft. [EACH]

1   SETUP SURROUND [RCVR]
INITIAL SETUP

1st Floor: Kitchen

2   - SPEAKER - IN-CEILING (250)
Allowance ($250) for in-ceiling recessed speaker, make / model TBD @ time of ordering (ea.). [Typical of ##]

1   - BRACKET-SPEAKER-NC
Allowance for standard new-construction speaker bracket, make / model TBD @ time of ordering (each). [Typical of ##]

1   **Prewire - 02.1 SPK_Pair**
Prewire for stereo speakers, remote equipment location, includes; 14-4[1]

1st Floor: Master Bathroom

2   - SPEAKER - IN-CEILING (250)
Allowance ($250) for in-ceiling recessed speaker, make / model TBD @ time of ordering (ea.). [Typical of ##]

1   - BRACKET-SPEAKER-NC
Allowance for standard new-construction speaker bracket, make / model TBD @ time of ordering (each). [Typical of ##]

1   **Prewire - 02.1 SPK_Pair**
Prewire for stereo speakers, remote equipment location, includes; 14-4[1]

1st Floor: Master Bedroom

2   - SPEAKER - IN-CEILING (250)
Allowance ($250) for in-ceiling recessed speaker, make / model TBD @ time of ordering (ea.). [Typical of ##]

1   - BRACKET-SPEAKER-NC
Allowance for standard new-construction speaker bracket, make / model TBD @ time of ordering (each). [Typical of ##]

1   **Prewire - 02.1 SPK_Pair**
Prewire for stereo speakers, remote equipment location, includes; 14-4[1]

Field Proposal

Qty	Description

1st Floor: Outdoor Living

2 — **- SPEAKER - OUTDOOR (250)**
Allowance ($250) for outdoor speaker, make / model TBD @ time of ordering (ea.). [Typical of ##]

1 — **Prewire - 02.1 SPK_Pair**
Prewire for stereo speakers, remote equipment location, includes; 14-4[1]

1st Floor: Pool Area

1 — **Prewire - 02.1 SPK_Stubout_Landscape**
Prewire stub-out to building exterior for stereo landscape speakers, remote equipment location, includes; 14-4[1], exterior j-box [1].

1 — **SONANCE PATIO 4.1 W/SR 2-125**
Patio Series system, comprised of 4X Patio Series 3 1/2" satellite speakers,1X Patio Series 8" in-ground subwoofer and (1) Sonamp SR 2-125 amplifier, 8 ohm. [SYSTEM]

1 CABLE ~PWR-MANUF
Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

75 CABLE 14/4 DB:SPK
14 ga./4-conductor direct burial exterior speaker wire [PER FOOT]

100 CABLE 14/4 DB:SPK LOOP
14 ga./4-conductor direct burial exterior speaker wire, speaker loop. [PER FOOT]

1 CABLE AUDIO-RCA DUAL
Audio cable, dual RCA [M] to dual RCA [M]. [EACH]

1 SETUP AMP-SUB
INITIAL SETUP

4 SONANCE ~4.1SAT
4.1 Patio Series 3.5" satellite speaker for [EACH] *PACKAGE ITEM - DO NOT ORDER

1 SONANCE ~4.1SUB
4.1 Patio Series 8" subwoofer [EACH] *PACKAGE ITEM - DO NOT ORDER

1 SONANCE ~SR 2-125
2-channel digital amplifier, 125 Watts RMS per channel, half rack width (1U). *PACKAGE ITEM - DO NOT ORDER

Qty	Description

Equipment Head Ends: Voice/Video/Data Head End

CATV/Phone/Data headend location. One (1) 20A dedicated circuit req'd (by others).

1   **Prewire - 18.1 COM_Service Demarcation**

Prewire for service provider demarcation to equipment location, includes:
Cat6[2], RG6QS[2].

1   **WIREPATH WP-ONE-ENCL-20**

ONE Media Enclosure 20 in.

     2   WIREPATH ~WP-ONE-ENCL-SHELF

ONE Media Enclosure shelf, 20 gauge steel w/white powder
coat finish. *PACKAGE ITEM - DO NOT ORDER

     1   WIREPATH WP-ONE-DOOR-20

ONE Enclosure Door 20 in.

Equipment Head Ends: Equipment Location

AV equipment headend location. Four (4) 20A dedicated circuits req'd (by others). Ventilation to
exterior and adequate cool air intake req'd (by others).

1   **LABOR DOCUMENTATION**

Technical documentation as required for proper installation & programming of
system, which may include lighting control plan & reports, low-voltage plan view,
rough-wire pull schedule, technical power plan, dimension/elevation drawings &
schematics.

     1   LABOR ~RACK ELEVATION DRAWING

Identification and placement of all head-end equipment
within the specified equipment rack(s). Front & side
elevations included with dimensions. Deliverable to be
created in MS Visio and submitted as a PDF.

     1   LABOR ~ROUGH-IN PLAN

Assignment of rough-in cabling to each of the various device
locations (rough-in phase), including unique wire ID #'s and
head-end assignments. Deliverable to be created in MS
Visio using standard D-Tools component ID format and
submitted as a PDF.

     1   LABOR ~SCHEMATIC DRAWING

Documentation of all equipment connections
(inputs/outputs) related to the finish phase equipment.
Deliverable to be created in MS Visio and submitted as PDF.

1   **Prewire - 18.1 COM VVD Jumper**

Prewire for Voice/Video/Data link from AV equipment headend location
(telephone, CATV, network), includes; RG6QS(3) / Cat6 (4)

Qty	Description

Equipment Head Ends: Equipment Location: Audio Distribution

5 **SONOS AMP**

Wireless Music Streaming System w/stereo power amplifier, 125 wpc, includes input for a local stereo source, HDMI ARC, optical digital (requires adapter) and subwoofer, black.

1   CABLE ~PWR-MANUF

Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

1   CABLE DATA-LAN

Data cable, RJ45 network patch, up to 12 ft. [EACH]

1   SETUP STREAMER [AV]

INITIAL SETUP

1 **SONOS PORT**

Versatile streaming component for stereo or receiver, analog line in/out, digital out, dual Ethernet ports, RCA input cables and power supply included, matte black finish.

1   CABLE ~PWR-MANUF

Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

1   CABLE AUDIO-RCA DUAL

Audio cable, dual RCA [M] to dual RCA [M]. [EACH]

1   CABLE DATA-LAN

Data cable, RJ45 network patch, up to 12 ft. [EACH]

1   SETUP STREAMER [AV]

INITIAL SETUP

Qty	Description

Equipment Head Ends: Equipment Location: Automation & Control

1   **CONTROL4 C4-CORE3**

CORE Series entertainment and automation controller w/OvrC, (6) IR, (3) serial (shared w/IR 1-3), (1) LAN outputs, HDMI for on-screen display and streaming music, PoE+, rack mount ears included (1U), optional wall-mount bracket (sold separately).

1   CABLE ~PWR-MANUF

Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

1   CABLE DATA-LAN

Data cable, RJ45 network patch, up to 12 ft. [EACH]

1   CABLE VIDEO-HDMI

Video cable, HDMI [M] to [M], 6 ft. [EACH]

4   CONTROL4 ~C4-CBLIRF

IR flasher with LED feedback, 3.5 MM (1/8") plug compatible with most IR repeaters, includes flasher covers. PACKAGE ITEM - DO NOT ORDER.

1   CONTROL4-PRGM C4 PROGRAMMING - PRIMARY CONTROLLER
Control4 system programming for primary project controller

Qty	Description

Equipment Head Ends: Equipment Location: Racks & Power

1   **19.3 [RACK] EQ Rack-Medium (650)-PWR**

Equipment, installation and setup for a medium equipment rack (27-35 space), "Basic" quality level ($650), including shelves, blank/vent panels, hardware, surge protection and UPS as necessary for typical project.
Includes:
(1) Medium Equipment Rack (27-35RU) with Caster Base
(8) Rackshelf-Fixed [1-5RU], (10) Rack Panel [1-3RU], (1) Rack Accessories
(1) UPS, (2) Power Strip
NOTE: Equipment location requires network connection.

1   - EQUIPMENT RACK-FAN [500]

Allowance ($500) for equipment rack ventilation fan, make / model TBD @ time of ordering. [Typical of ##]

    1   *CABLE ~PWR-MANUF*

Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

1   - EQUIPMENT RACK-MEDIUM [650]

Allowance ($650) for medium equipment rack (27-35RU), make / model TBD @ time of ordering. [Typical of ##]

    1   *- EQUIPMENT RACK-ACCESSORIES [200]*

Allowance ($200) for equipment rack accessory items, make / model TBD @ time of ordering. [Typical of ##]

1   - POWER STRIP (300)

Allowance ($300) for power strip, make / model TBD @ time of ordering. [Typical of ##]

    1   *CABLE ~PWR-MANUF*

Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

1   - POWER STRIP-IP (750)

Allowance ($750) for IP enabled power strip, make / model TBD @ time of ordering. [Typical of ##]

    1   *CABLE ~PWR-MANUF*

Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

    1   *CABLE DATA-LAN*

Data cable, RJ45 network patch, up to 12 ft. [EACH]

1   - RACK CASTER BASE (100)

Allowance ($100) for set of casters (4) for equipment racking system, make/model TBD @ ordering. [Typical of ##]

---

* Price Includes Accessories
Presented By: BlueDog Group   5/3/2023
      Project: BDG Sample Project   Page 13 of 15

Qty	Description

10 - RACK PANEL-BLANK/VENT [1-3RU]

Allowance for blank or vent panel for equipment racking system, up to 3RU, make/model TBD @ ordering. [Typical of ##]

8 - RACKSHELF-FIXED [1-5RU]

Allowance for rackshelf for equipment racking system, fixed, up to 5RU, make/model TBD @ ordering. [Typical of ##]

1 - UPS-15A-RACK (1000)

Allowance ($1000) for rack-mount power conditioner with battery (15A), make / model TBD @ time of ordering. [Typical of ##]

1 *CABLE ~PWR-MANUF*

Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

1 *CABLE DATA-LAN*

Data cable, RJ45 network patch, up to 12 ft. [EACH]

1 *SETUP UPS*

INITIAL SETUP

Qty	Description

Systems: Network & WiFi

1   **ARAKNIS NETWORKS AN-210-SW-R-24-POE**

210-series 24-port Websmart gigabit switch with partial PoE+ (up to 190W) and rear ports, includes rack mount brackets (1U).

     1   CABLE ~PWR-MANUF

Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

     1   CABLE DATA-LAN

Data cable, RJ45 network patch, up to 12 ft. [EACH]

     1   SETUP NETWORK SWITCH-MANAGED

INITIAL SETUP

1   **ARAKNIS NETWORKS AN-310-RT-4L2W**

310-series Dual-WAN Gigabit VPN Router; OvrC Pro enabled, VPN support, 1U rack-mount ears included.

     1   CABLE ~PWR-MANUF

Manufacturer supplied power cord or power supply with power cord. [PACKAGE ITEM - DO NOT ORDER]

     1   CABLE DATA-LAN

Data cable, RJ45 network patch, up to 12 ft. [EACH]

     1   SETUP NETWORK ROUTER

INITIAL SETUP

2   **ARAKNIS NETWORKS AN-520-AP-I**

520-series Wi-Fi 6 indoor wireless access point, 1 x 2.5G and 1 x 1G Base-T Ethernet ports (RJ45), 15.28W PoE+ (802.3af/at/bt) or 12VDC (DC power supply and PoE injector sold separately), white.

     1   SETUP NETWORK WAP

INITIAL SETUP

1   **ARAKNIS NETWORKS AN-520-AP-O**

520-series Wi-Fi 6 outdoor wireless access point, IP55 rated, 1 x 2.5G and 1 x 1G Base-T Ethernet ports (RJ45), 15.28W PoE+ (802.11 a/b/g/n/ac/ax), or 12VDC (DC power supply and PoE injector sold separately), white.

     1   SETUP NETWORK WAP

INITIAL SETUP

3   **Prewire - 05.1 NET_WAP**

Prewire for wireless access point (WAP) location, includes: Cat6 [1]