

<BitPlumber/>

Independent Subcontractor | AI Data Center Infrastructure

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Role: Subcontractor / Specialist

CAPABILITIES SUMMARY: BitPlumber brings 20+ years of specialized field engineering experience installing, rack-mounting, cabling, and commissioning mission-critical enterprise network, compute, and storage infrastructure. Built specifically for high-density AI Data Center developments, offering general contractors, EPCs, and systems integrators reliable, zero-defect hardware execution.

CORE COMPETENCIES & SERVICES

High-Density AI Switch Fabrics

- InfiniBand & RoCE spine-leaf network builds
- 400G / 800G optical transceiver & trunk routing
- High-density MPO/MTP fiber optic plant installation
- OTDR testing, cleaning, and signal verification

Compute & GPU Pod Installation

- Multi-node GPU server rack & stack execution
- 3-phase Smart PDU power distribution wiring
- Hot/Cold aisle containment compliance
- Out-of-Band (OOB) console & management setup

Enterprise Storage & SAN Systems

- Dell PowerScale / EMC array deployment
- High-throughput NVMe-oF & Fiber Channel SAN
- High-density direct-attached storage (DAS) rack wiring
- Data pipeline storage physical commissioning

Commissioning & Maintenance

- Initial hardware POST, burn-in & firmware flash
- On-site Tier-3 emergency hardware swap
- Detailed cable labeling, mapping, & documentation
- Greenfield & brownfield retrofit support

OEM MULTI-VENDOR EXPERIENCE

CISCO

Nexus / Catalyst / ACI

DELL / EMC

PowerEdge / PowerScale

JUNIPER

QFX / MX Series

ARUBA / HPE

CX / ProCurve

NVIDIA / MELLANOX

Quantum IB / Spectrum

ARISTA

EOS / 7000 Series

NETAPP

AFF / FAS / SAN

FORTINET

Enterprise Security

SUBCONTRACTOR ENGAGEMENT DETAILS

- **Structure:** Independent Subcontractor (1099 / B2B)
- **Mobilization:** Rapid nationwide / regional deployment
- **Rates:** Flexible T&M, per-rack, or milestone pricing
- **Safety & Compliance:** Strict PPE, ESD, & LOTO standard adherence