

TTI Committee

3/4/2021 – ITB S29591

Houston Airport System, Cabling Installation and Repair Services

Recommendation to Approve an ordinance awarding a contract to MCA Communications, Inc.

Cabling Installation and Repair Services Contract



Vendors	MCA Communications, Inc.
Purpose:	Council Action will: L29591 – Approve an ordinance awarding a contract to MCA Communications, Inc. for Cabling Installation and Repair Services
Procurement	Invitation to Bid (ITB) was advertised in accordance with the requirements of the State of Texas bid laws. Twenty (20) prospective bidders downloaded the solicitation document from SPD's e-bidding website, and Two (2) bids were received.
Contract Amount	\$4,267,220.20
Terms	Three-year contract, with two-one-year options
MWBE	10% goal

Cabling Installation and Repair Services Contract



- Invitation to Bid (ITB) was advertised in accordance with the requirements of the State of Texas bid laws. Twenty (20) prospective bidders downloaded the solicitation document from SPD's e-bidding website, and Two (2) bids were received:
 - MCA Communication, Inc. \$4,267,220.20
 - Network Cabling Services, Inc. \$4,651,449.92

Cabling Installation and Repair Services Contract

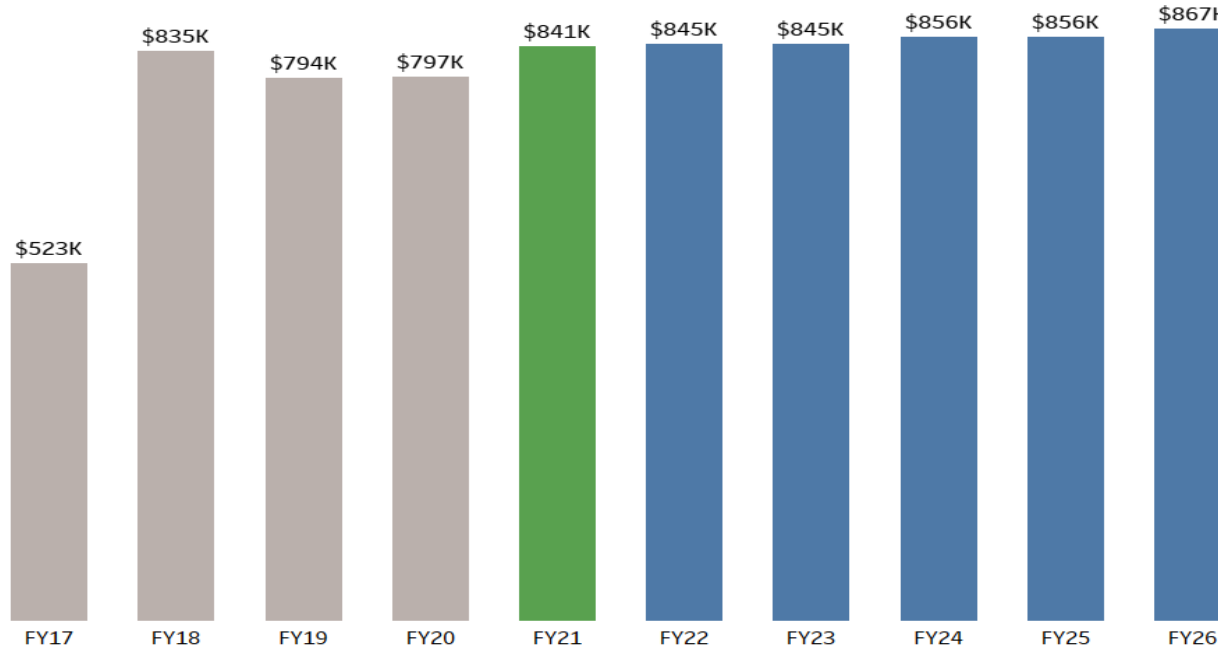
- Scope of work requires the contractor to provide equipment, labor, materials, parts, tools, supervision and transportation necessary to install and repair, as necessary and required of the structural cabling systems in strict compliance with Houston Airport System's (HAS) standards and specifications.
- Communication cabling services include horizontal and backbone cabling for HAS technology services for wired and wireless networks.
- Contract will support all Moves, Adds and Changes (MAC) as it relates to hard wired data network or communication connectivity.
- Work shall also include scope and installation services for conduit, duct bank, cable tray and other pathways/conveyance for copper and fiber optic cabling installation and termination.
- Replaces current contract of \$4,278,763.32 with Network Cabling Services

Questions?



Cost & per year estimates for Cabling

Cable Cost Estimates by FY



HAS networks have grown and will continue to grow due to increased demand for network capacity to support passenger related technologies

HAS IT Cabling Installation and Repair Services



From 2017, HAS IT has implemented the following at IAH, HOU, and EFD to support the expanding buildings and numerous projects:

- **Category 6 Copper Cabling:** 274,500 Feet = 51.93 Miles = 83.68 Kilometers.
- **Single-mode Fiber Optic Cabling:** 16,275 Feet = 3.08 Miles = 4.96 Kilometers.
- **Conduit for cabling installations:** 22,500 Feet = 4.26 Miles = 6.86 Kilometers.
- **Cabling Contract Team which average approximately 500 MAC Work Tasks per year.**

The cable laid supports the numerous projects:

Building expansions, office moves, smart restrooms, physical access control, CCTV, simplified departures, WiFi expansion, conference rooms, physical moves etc.