### SECTION 682 – FIBER OPTIC TRANSCEIVER

**METHOD OF MEASUREMENT**

**682.04.01 MEASUREMENT**

***ADD THE FOLLOWING PARAGRAPHS TO THIS SUBSECTION:***

The quantity of SHELF MOUNT FIBER OPTIC TRANSCEIVERS (OTR/SH) WITH CABLES will be measured per each.

The quantity of RACK MOUNT FIBER OPTIC TRANSCEIVERS (OTR/SH) WITH CABLES will be measured per each.

The quantity of 19-INCH RACK MOUNTED FIBER OPTIC CARD CAGE will be measured per each.

The quantity of [FILL IN ITEM DESCRIPTION] will be measured per [UNIT].

No direct measurement shall be made for [FILL IN ITEM DESCRIPTION].

**BASIS OF PAYMENT**

**682.05.01 PAYMENT**

***ADD THE FOLLOWING PARAGRAPHS TO THIS SUBSECTION:***

The accepted quantity of SHELF MOUNT FIBER OPTIC TRANSCEIVERS (OTR/SH) WITH CABLES will be paid for at the contract unit price of each and shall conform to the requirements of subsection 682.05.01 of the Uniform Standard Specifications and shall include all materials, equipment, labor and disposal required to perform this work and all work as shown on the Plans, as specified herein and as directed by the Engineer. The above payment shall also include, mounting hardware, power conversion hardware (if required), and the OTR/SH rack mountable card cage in the hub.

The accepted quantity of RACK MOUNT FIBER OPTIC TRANSCEIVERS (OTR/SH) WITH CABLES will be paid for at the contract unit price of each and shall conform to the requirements of subsection 682.05.01 of the Uniform Standard Specifications and shall include all materials, equipment, labor and disposal required to perform this work and all work as shown on the Plans, as specified herein and as directed by the Engineer. The above payment shall also include, mounting hardware, power conversion hardware (if required), and the OTR/SH rack mountable card cage in the hub.

The accepted quantity of 19-INCH RACK MOUNTED FIBER OPTIC CARD CAGE will be paid for at the contract unit price of each and shall conform to the requirements of subsection 682.05.01 of the Uniform Standard Specifications and shall include all materials, equipment, labor and disposal required to perform this work and all work as shown on the Plans, as specified herein and as directed by the Engineer. The above payment shall also include, mounting hardware, power conversion hardware (if required), and the OTR/SH rack mountable card cage in the hub.

Each card cage or OTR/SH will be measured as a unit for furnishing each OTR/SH, complete in delivery, in accordance to the quantities on the Bid Schedule.

The equipment delivered will be tentatively accepted pending testing by FAST. Only after a series of bench tests of the devices will the final acceptance be made and documented.

The accepted quantity of [FILL IN ITEM DESCRIPTION] will be paid for at the contract unit price of [UNIT] and shall include all materials, equipment and labor required including, but not limited to, [FILL IN] and all other items necessary to complete the work as shown on the Plans, as specified herein and as directed by the Engineer.

The accepted quantity of [FILL IN ITEM DESCRIPTION] will be paid for at the contract unit price of [UNIT] and shall conform to the requirements of subsection 682.05.01 of the Uniform Standard Specifications and shall include all materials, equipment, labor and disposal required to perform this work and all work as shown on the Plans, as specified herein and as directed by the Engineer. The above payment shall also include,

Unless otherwise provided in the Special Provisions, no payment will be made for [FILL IN ITEM DESCRIPTION] as such. The cost thereof shall be considered as included in the price bid for construction or installation of the items to which [FILL IN ITEM DESCRIPTION] is required.

Payment will be made under:

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| **ITEM NO.** | **ITEM DESCRIPTION** | **UOM** |
| 682.0010 | SHELF MOUNT FIBER OPTIC TRANSCEIVERS (OTR/SH) WITH CABLES | EA |
| 682.0020 | RACK MOUNT FIBER OPTIC TRANSCEIVERS (OTR/SH) WITH CABLES | EA |
| 682.0030 | 19-INCH RACK MOUNTED FIBER OPTIC CARD CAGE | EA |

**END OF SECTION 682**