

**ITEM 625 – CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 3", 725.04, AS PER PLAN**

IN ADDITION TO THE REQUIREMENTS OF CMS 625, THIS ITEM SHALL ALSO INCLUDE ALL REQUIRED EXCAVATION, BACKFILL, COMPACTION, DISPOSAL OF SURPLUS MATERIALS, RESTORATION OF DISTURBED SURFACES, AND THE SPECIFIED CONDUIT.

PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 625 – CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, 3", 725.04, AS PER PLAN

**ITEM 625 – LIGHT POLE FOUNDATION, AS PER PLAN**

THE LIGHT POLE FOUNDATION SHALL CONSIST OF A POWER INSTALLED 6"-13" BOLT FURNISHED AND INSTALLED BY ONE OF THE FOLLOWING MANUFACTURERS OR AN APPROVED EQUAL:

- A. A.B. CHANCE, 210 NORTH ALLEN STREET, CENTRALIA, MO 65240, PHONE: 573-682-5967
- B. MACLEAN POWER SYSTEMS, 11411 ADDISON AVENUE, FRANKLIN PARK, IL 60131, PHONE: 847-455-0014.
- C. THE MUDJACKERS, LLC, P.O. BOX 807, BROOKFIELD, WI 53008-0807, PHONE: 800-262-7584.
- D. INTECH ANCHORING SYSTEMS, 35850 INDUSTRIAL ROAD, LIVONIA, MI 48150, PHONE: 734-432-5111.

THE FOUNDATION SHALL BE INSTALLED AS PER THE MANUFACTURER'S RECOMMENDATIONS. THE OPTION OF THE CONCRETE FOUNDATION PER FIRST ENERGY SPECIFICATIONS IS NOT PERMITTED.

PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 625 – LIGHT POLE FOUNDATION, AS PER PLAN AND SHALL INCLUDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO PERFORM THIS WORK.

**ITEM 625 – JUNCTION BOX, 725.07, 13" X 24", AS PER PLAN**

THE JUNCTION BOX SHALL CONSIST OF A 13" X 24" X 15" HANDHOLE, MANUFACTURED BY EITHER FARGO (CATALOG NO. B-125-AGR-OE) OR PENN-CELL PLASTICS (CATALOG NO. PE-20-HDXM) OR APPROVED EQUIVALENT. THE JUNCTION BOX SHALL BE INSTALLED AS PER THE MANUFACTURER'S RECOMMENDATIONS.

PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 625 – JUNCTION BOX, 725.07, 13" X 24", AS PER PLAN AND SHALL INCLUDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO PERFORM THIS WORK.

**ITEM 625 – DECORATIVE LIGHT POLE AND LUMINAIRE, AS PER PLAN**

IN ADDITION TO THE REQUIREMENTS OF CMS 625, THIS ITEM SHALL ALSO INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, AND INCIDENTALS NECESSARY TO SUPPLY AND INSTALL THE FOLLOWING ITEMS:

- A. ONE 120 VOLT BLACK PHOTOELECTRIC CELL MANUFACTURED BY EITHER ALR/TYCO ELECTRONICS (CATALOG NO. 2060NPA-BK) OR DTL/T&B (CATALOG NO. DP120-1.5-TMBK) OR FISHER-PIERCE (CATALOG NO. 7671BMCBD) OR LUMATROL/PRECISION (CATALOG NO. L120-1.5-PBT-BL) OR APPROVED EQUAL.
  - B. A SET OF THREE 3/4" DIAMETER X 20" LENGTH WITH NUTS GALVANIZED ANCHOR BOLTS AS MANUFACTURED BY UNION METAL (PART NO. 311173R) OR APPROVED EQUAL.
  - C. ONE 600 VOLT #12-#4 SOLID, #10-#4 STRANDED STRAIGHT FUSEHOLDER AS MANUFACTURED BY HOMAC (CATALOG NO. SLK-M) OR APPROVED EQUAL OR ONE 600 VOLT #10-#4 LINE #14-#6 LOAD CU. WYE FUSEHOLDER AS MANUFACTURED BY EITHER BUCHANAN (CATALOG NO. 82S-ADB1-C) OR HOMAC (CATALOG NO. FYU-M) OR APPROVED EQUAL.
  - D. ONE 600 VOLT 10 AMP FUSE AS MANUFACTURED BY EITHER BUSSMAN (CATALOG NO. KTK-10) OR SHAWMUT FERRAZ (CATALOG NO. ATM-10) OR APPROVED EQUAL.
  - E. ONE FORM CONCRETE ROUND 3' X 18" DIAMETER X 0.2" WALL LIGHT WALL, WAX COATED SONOTUBE.
  - F. ONE 150 WATT ANSI CODE S55 LAMP AS MANUFACTURED BY EITHER GENERAL ELECTRIC (CATALOG NO. LU150/55), PHILLIPS (CATALOG NO. C150S55), OR SYLVANIA (CATALOG NO. LU150/55) OR APPROVED EQUAL.
  - G. ONE 150 WATT HPS ROUND COLONIAL POST TOP LUMINAIRE AS MANUFACTURED BY HOLOPHANE COMPANY, INC. (CATALOG NO. PTU15AHP12BTG3B-H) OR APPROVED EQUAL.
  - H. ONE 12' FLUTED FIBERGLASS POST AS MANUFACTURED BY EITHER MAINSTREET LIGHTING (CATALOG NO. FF-802B) OR SHAKESPEARE (CATALOG NO. AP17-12FS1101) OR APPROVED EQUAL.
- ALL HARDWARE SHALL BE COMPATIBLE AS RECOMMENDED BY THE MANUFACTURER. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER SHOP DRAWINGS OF THE ABOVE FOR APPROVAL FROM THE ENGINEER PRIOR TO ORDERING ANY MATERIALS.
- PAYMENT FOR THE ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 625 – LIGHTING, MISC.: DECORATIVE LIGHT POLE AND LUMINAIRE, AS PER PLAN.