### City of Flint - Water Pollution Control Facility

**Industrial/Contractor Tools and Equipment List**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Material Description | Year 1 Each | Year 2 Each | Year 3 Each | Qty | Total |
| Wright Socket Set Metric and Standard ½” Drive 10-24 and 3/8-1 ½  | $ | $ | $ | 10 | $ |
| Wright Wrench Set Metric and Standard 7mm-21mm and 5/16 – 1 ¼  | $ | $ | $ | 10 | $ |
| Coffin Model # LSB-1500A Lever Chain Fall ¾ ton | $ | $ | $ | 10 | $ |
| Two Ton Chain Fall 40’ Lift | $ | $ | $ | 2 | $ |
| 18Volt Milwaukee Sawzall  | $ | $ | $ | 2 | $ |
| Ten ton Porto-Power Kit Mode # B65115 | $ | $ | $ | 2 | $ |
| Lincoln Cordless grease gun 14.4 Volt | $ | $ | $ | 2 | $ |
| Digital Transit/Theodlite | $ | $ | $ | 2 | $ |
| Jet Bench Lathe 13”x4” Model GHB-1340A | $ | $ | $ | 2 | $ |
| 20 to 250 lbs Torque Wrench ½” Drive | $ | $ | $ | 2 | $ |
| Indexing Pry Bars 33” | $ | $ | $ | 10 | $ |
| **Total**  | **$** |

**Hardware, Nuts, Bolts, and Related Equipment List**

| **DESCRIPTION** | **UNIT** | **1ST YEAR** | **2ND YEAR** | **3RD YEAR** | **TOTAL** |
| --- | --- | --- | --- | --- | --- |
| **FLAT WASHERS – GR.5 ZINC** |   |   |   |   |   |
| 1/4" | Ea |   |   |   |   |
| 5/16” | Ea |   |   |   |   |
| 3/8” | Ea |   |   |   |   |
| 7/16” | Ea |   |   |   |   |
| 1/2" | Ea |   |   |   |   |
| 9/16” | Ea |   |   |   |   |
| 5/8” | Ea |   |   |   |   |
| 3/4" | Ea |   |   |   |   |
| 7/8” | Ea |   |   |   |   |
| 1” | Ea |   |   |   |   |
| **LOCK WASHERS – GR.5 ZINC** |   |   |   |   |   |
| 1/4" | Ea |   |   |   |   |
| 5/16” | Ea |   |   |   |   |
| 3/8” | Ea |   |   |   |   |
| 7/16” | Ea |   |   |   |   |
| 1/2" | Ea |   |   |   |   |
| 9/16” | Ea |   |   |   |   |
| 5/8” | Ea |   |   |   |   |
| 3/4" | Ea |   |   |   |   |
| 7/8” | Ea |   |   |   |   |
| 1” | Ea |   |   |   |   |
| **FINISH NUT – GR.5 ZINC** |   |   |   |   |   |
| 1/4"-20 | Ea |   |   |   |   |
| 5/16”-18 | Ea |   |   |   |   |
| 3/8”-16 | Ea |   |   |   |   |
| 7/16”-14 | Ea |   |   |   |   |
| 1/2"-13 | Ea |   |   |   |   |
| 9/16”-12 | Ea |   |   |   |   |
| 5/8”-11 | Ea |   |   |   |   |
| 3/4"-10 | Ea |   |   |   |   |
| 7/8”-9 | Ea |   |   |   |   |
| 1”-8 | Ea |   |   |   |   |
|  **HEX CAP SCREWS – GR.5 ZINC** |   |   |   |   |   |
| 1/4"-20 X 1/2" | Ea |   |   |   |   |
| 1/4”-20 X 3/4” | Ea |   |   |   |   |
| 1/4”-20 X 1” | Ea |   |   |   |   |
| 1/4”-20 X 1-1/4” | Ea |   |   |   |   |
| 1/4”-20 X 1-1/2” | Ea |   |   |   |   |
| 1/4”-20 X 1-3/4” | Ea |   |   |   |   |
| 1/4”-20 X 2” | Ea |   |   |   |   |
| 1/4”-20 X 2-1/4” | Ea |   |   |   |   |
| 1/4”-20 X 2-1/2” | Ea |   |   |   |   |
| 1/4”-20 X 2-3/4” | Ea |   |   |   |   |
| 1/4”-20 X 3” | Ea |   |   |   |   |
| 1/4”-20 X 3-1/2” | Ea |   |   |   |   |
| 1/4”-20 X 4” | Ea |   |   |   |   |
| 1/4"-20 X 4-1/2" | Ea |   |   |   |   |
| 1/4"-20 X 5" | Ea |   |   |   |   |
| 5/16"-18 X 1/2" | Ea |   |   |   |   |
| 5/16”-18 X ¾” | Ea |   |   |   |   |
| 5/16”-18 X 1” | Ea |   |   |   |   |
| 5/16”-18 X 1-1/4” | Ea |   |   |   |   |
| 5/16”-18 X 1-1/2” | Ea |   |   |   |   |
| 5/16”-18 X 1-3/4” | Ea |   |   |   |   |
| 5/16”-18 X 2” | Ea |   |   |   |   |
| 5/16”-18 X 2-1/4” | Ea |   |   |   |   |
| 5/16”-18 X 2-1/2” | Ea |   |   |   |   |
| 5/16”-18 X 2-3/4” | Ea |   |   |   |   |
| 5/16”-18 X 3” | Ea |   |   |   |   |
| 5/16”-18 X 3-1/2” | Ea |   |   |   |   |
| 5/16”-18 X 4” | Ea |   |   |   |   |
| 5/16"-18 X 4-1/2" | Ea |   |   |   |   |
| 5/16"-18 X 5" | Ea |   |   |   |   |
| 3/8”-16 X 1/2” | Ea |   |   |   |   |
| 3/8”-16 X 3/4” | Ea |   |   |   |   |
| 3/8”-16 X 1” | Ea |   |   |   |   |
| 3/8”-16 X 1-1/4” | Ea |   |   |   |   |
| 3/8”-16 X 1-1/2” | Ea |   |   |   |   |
| 3/8”-16 X 1-3/4” | Ea |   |   |   |   |
| 3/8”-16 X 2” | Ea |   |   |   |   |
| 3/8”-16 X 2-1/4” | Ea |   |   |   |   |
| 3/8”-16 X 2-1/2” | Ea |   |   |   |   |
| 3/8’-16 X 2-3/4” | Ea |   |   |   |   |
| 3/8”-16 X 3” | Ea |   |   |   |   |
| 3/8”-16 X 3-1/2” | Ea |   |   |   |   |
| 3/8”-16 X 4” | Ea |   |   |   |   |
| 3/8”-16 X 4-1/2” | Ea |   |   |   |   |
| 3/8”-16 X 5” | Ea |   |   |   |   |
| 7/16”-14 X 3/4” | Ea |   |   |   |   |
| 7/16”-14 X 1” | Ea |   |   |   |   |
| 7/16”-14 X 1-1/4” | Ea |   |   |   |   |
| 7/16”-14 X 1-1/2” | Ea |   |   |   |   |
| 7/16”-14 X 1-3/4” | Ea |   |   |   |   |
| 7/16”-14 X 2” | Ea |   |   |   |   |
| 7/16”-14 X 2-1/4” | Ea |   |   |   |   |
| 7/16”-14 X 2-1/2” | Ea |   |   |   |   |
| 7/16”-14 X 2-3/4” | Ea |   |   |   |   |
| 7/16”-14 X 3” | Ea |   |   |   |   |
| 7/16”-14 X 3-1/2” | Ea |   |   |   |   |
| 7/16”-14 X 4” | Ea |   |   |   |   |
| 1/2”-13 X 3/4” | Ea |   |   |   |   |
| 1/2”-13 X 1” | Ea |   |   |   |   |
| 1/2”-13 X 1-1/4” | Ea |   |   |   |   |
| 1/2”-13 X 1-1/2” | Ea |   |   |   |   |
| 1/2”-13 X 1-3/4” | Ea |   |   |   |   |
| 1/2”-13 X 2” | Ea |   |   |   |   |
| 1/2”-13 X 2-1/4” | Ea |   |   |   |   |
| 1/2”-13 X 2-1/2” | Ea |   |   |   |   |
| 1/2”-13 X 2-3/4” | Ea |   |   |   |   |
| 1/2”-13 X 3” | Ea |   |   |   |   |
| 1/2”-13 X 3-1/2” | Ea |   |   |   |   |
| 1/2”-13 X 4” | Ea |   |   |   |   |
| 1/2”-13 X 4-1/2” | Ea |   |   |   |   |
| 1/2”-13 X 5” | Ea |   |   |   |   |
| 9/16”-12 X 1” | Ea |   |   |   |   |
| 9/16”-12 X 1-1/4” | Ea |   |   |   |   |
| 9/16”-12 X 1-1/2” | Ea |   |   |   |   |
| 9/16"-12 X 1-3/4” | Ea |   |   |   |   |
| 9/16”-12 X 2” | Ea |   |   |   |   |
| 9/16”-12 X 2-1/2” | Ea |   |   |   |   |
| 9/16”-12 X 3” | Ea |   |   |   |   |
| 5/8”-11 X 1” | Ea |   |   |   |   |
| 5/8”-11 X 1-1/4” | Ea |   |   |   |   |
| 5/8”-11 X 1-1/2” | Ea |   |   |   |   |
| 5/8”-11 X 2” | Ea |   |   |   |   |
| 5/8”-11 X 2-1/2” | Ea |   |   |   |   |
| 5/8”-11 X 3” | Ea |   |   |   |   |
| 5/8”-11 X 3-1/2” | Ea |   |   |   |   |
| 5/8”-11 X 4” | Ea |   |   |   |   |
| 5/8”-11 X 4-1/2” | Ea |   |   |   |   |
| 5/8”-11 X 5” | Ea |   |   |   |   |
| 3/4"-10 X 3/4" | Ea |   |   |   |   |
| 3/4”-10 X 1” | Ea |   |   |   |   |
| 3/4”-10 X 1-1/2” | Ea |   |   |   |   |
| 3/4”-10 X 2” | Ea |   |   |   |   |
| 3/4”-10 X 2-1/2” | Ea |   |   |   |   |
| 3/4”-10 X 3” | Ea |   |   |   |   |
| 3/4”-10 X 3-1/2” | Ea |   |   |   |   |
| 3/4”-10 X 4” | Ea |   |   |   |   |
| 3/4”-10 X 4-1/2” | Ea |   |   |   |   |
| 3/4”-10 X 5” | Ea |   |   |   |   |
| 7/8”-9 X 1-1/2” | Ea |   |   |   |   |
| 7/8”-9 X 2” | Ea |   |   |   |   |
| 7/8”-9 X 2-1/2” | Ea |   |   |   |   |
| 7/8”-9 X 3” | Ea |   |   |   |   |
| 7/8”-9 X 3-1/2” | Ea |   |   |   |   |
| 7/8”-9 X 4” | Ea |   |   |   |   |
| 7/8”-9 X 4-1/2” | Ea |   |   |   |   |
| 7/8”-9 X 5” | Ea |   |   |   |   |
| 1"-8 X 1-1/2" | Ea |   |   |   |   |
| 1”-8 X 2” | Ea |   |   |   |   |
| 1”-8 X 2-1/2” | Ea |   |   |   |   |
| 1”-8 X 3” | Ea |   |   |   |   |
| 1”-8 X 3-1/2” | Ea |   |   |   |   |
| 1”-8 X 4” | Ea |   |   |   |   |
| 1”-8 X 4-1/2” | Ea |   |   |   |   |
| 1”-8 X 5” | Ea |   |   |   |   |
| 1”-8 X 6” | Ea |   |   |   |   |
| 1”-8 X 8” | Ea |   |   |   |   |
| **NYLON LOCK NUTS – GR.5 ZINC** |  |  |  |   |   |
| 1/4”-20 | Ea |   |   |   |   |
| 5/16”-18 | Ea |   |   |   |   |
| 3/8”-16 | Ea |   |   |   |   |
| 7/16”-14  | Ea |   |   |   |   |
| 1/2”-13 | Ea |   |   |   |   |
| 9/16”-12 | Ea |   |   |   |   |
| 5/8”-11 | Ea |   |   |   |   |
| 3/4”-10 | Ea |   |   |   |   |
| 7/8”-9 | Ea |   |   |   |   |
| 1”-8 | Ea |   |   |   |   |
| 1/4”-28 | Ea |   |   |   |   |
| 5/16”-24 | Ea |   |   |   |   |
| 3/8”-24 | Ea |   |   |   |   |
| 7/16”-20 | Ea |   |   |   |   |
| 1/2”-20 | Ea |   |   |   |   |
| 9/16”-18 | Ea |   |   |   |   |
| 5/8”-18 | Ea |   |   |   |   |
| **PLOW BOLTS – GR.8** |  |  |  |   |   |
| 5/8” X 2” | Ea |   |   |   |   |
| 5/8” X 2-1/2” | Ea |   |   |   |   |
| 5/8” X 3” | Ea |   |   |   |   |
| 5/8” X 4” | Ea |   |   |   |   |
| 5/8” THICK WALL FINISH NUT | Ea |   |   |   |   |
| 5/8” GR.8 LOCK WASHER | Ea |   |   |   |   |
| **ANCHORS** |  |  |  |   |   |
| 10-12 EXPANDITS GREEN 1-1/2 | Ea |   |   |   |   |
| 14 EXPANDITS BLUE | Ea |   |   |   |   |
| 16-18 EXPANDITS ORANGE | Ea |   |   |   |   |
| 4-6 EXPANDITS WHITE | Ea |   |   |   |   |
| 7-9 EXPANDITS RED | Ea |   |   |   |   |
| 9220 RAWL LEAD | Ea |   |   |   |   |
| 9225 RAWL LEAD | Ea |   |   |   |   |
| 7412 RAWL STUD | Ea |   |   |   |   |
| 7416 RAWL STUD | Ea |   |   |   |   |
| 7440 RAWL STUD | Ea |   |   |   |   |
| 3/8 DROP INS, STEEL | Ea |   |   |   |   |
| 7322 S.S. | Ea |   |   |   |   |
| **BOLTS** |  |   |   |   |   |   |
| 1/4-20 SHOULDER EYE; FORGED | Ea |   |   |   |   |
| 5/16-18 " | Ea |   |   |   |   |
| 3/8-16 " | Ea |   |   |   |   |
| 7/16-14 " | Ea |   |   |   |   |
| 1/2-13 SHOULDER EYE; FORGED | Ea |   |   |   |   |
| 9/16-12 " | Ea |   |   |   |   |
| 5/8-11 " | Ea |   |   |   |   |
| 3/4-10 " | Ea |   |   |   |   |
| 7/8-9 " | Ea |   |   |   |   |
| **BOLTS - MM** |   |   |   |   |   |
| 6 X 12 | Ea |   |   |   |   |
| 6 X 20 | Ea |   |   |   |   |
| 6 X 35 | Ea |   |   |   |   |
| 8 X 20 | Ea |   |   |   |   |
| 8 X 25 | Ea |   |   |   |   |
| 8 X 30 | Ea |   |   |   |   |
| 8 X 35 | Ea |   |   |   |   |
| 8 X 150 | Ea |   |   |   |   |
| 10 X 20 | Ea |   |   |   |   |
| 10 X 30 | Ea |   |   |   |   |
| 10 X 35 | Ea |   |   |   |   |
| 10 X 40 | Ea |   |   |   |   |
| 10 X 50 | Ea |   |   |   |   |
| 12 X 20 | Ea |   |   |   |   |
| 12 X 40 | Ea |   |   |   |   |
| 12 X 45 | Ea |   |   |   |   |
| 12 X 50 | Ea |   |   |   |   |
| 12 X 65 | Ea |   |   |   |   |
| 12 X 70 | Ea |   |   |   |   |
| 16 X 35 | Ea |   |   |   |   |
| 16 X 45 | Ea |   |   |   |   |
| 16 X 60 | Ea |   |   |   |   |
| **NUTS - MM** |   |   |   |   |   |
| 6 | Ea |   |   |   |   |
| 8 | Ea |   |   |   |   |
| 10 | Ea |   |   |   |   |
| 12 | Ea |   |   |   |   |
| 16 | Ea |   |   |   |   |
| **FLATWASHERS - MM** |   |   |   |   |   |
| 6 | Ea |   |   |   |   |
| 8 | Ea |   |   |   |   |
| 10 | Ea |   |   |   |   |
| 12 | Ea |   |   |   |   |
| 16 | Ea |   |   |   |   |
| **LOCKWASHERS - MM** |   |   |   |   |   |
| 6 | Ea |   |   |   |   |
| 8 | Ea |   |   |   |   |
| 10 | Ea |   |   |   |   |
| 12 | Ea |   |   |   |   |
| 16 | Ea |   |   |   |   |
| **BOLTS - S.S.** |  |  |  |   |   |
| 1/4"-20 X 1/2" | Ea |   |   |   |   |
| 1/4"-20 X 3/4" | Ea |   |   |   |   |
| 1/4"-20 X 1" | Ea |   |   |   |   |
| 1/4"-20 X 1-1/4" | Ea |   |   |   |   |
| 1/4"-20 X 1-1/2" | Ea |   |   |   |   |
| 1/4"-20 X 2" | Ea |   |   |   |   |
| 1/4"-20 X 2-1/2" | Ea |   |   |   |   |
| 5/16"-18 X 1/2" | Ea |   |   |   |   |
| 5/16"-18 X 3/4" | Ea |   |   |   |   |
| 5/16"-18 X 1" | Ea |   |   |   |   |
| 5/16"-18 X 1-1/4" | Ea |   |   |   |   |
| 5/16"-18 X 1-1/2" | Ea |   |   |   |   |
| 5/16"-18 X 2" | Ea |   |   |   |   |
| 5/16"-18 X 2-1/2" | Ea |   |   |   |   |
| 3/8"-16 X 3/4" | Ea |   |   |   |   |
| 3/8"-16 X 1" | Ea |   |   |   |   |
| 3/8"-16 X 1-1/4" | Ea |   |   |   |   |
| 3/8"-16 X 1-1/2" | Ea |   |   |   |   |
| 3/8"-16 X 2" | Ea |   |   |   |   |
| 3/8"-16 X 2-1/2" | Ea |   |   |   |   |
| 3/8"-16 X 3" | Ea |   |   |   |   |
| 3/8"-16 X 3-1/2" | Ea |   |   |   |   |
| 3/8"-16 X 4" | Ea |   |   |   |   |
| 1/2"-13 X 1" | Ea |   |   |   |   |
| 1/2"-13 X 1-1/4" | Ea |   |   |   |   |
| 1/2"-13 X 1-1/2" | Ea |   |   |   |   |
| 1/2"-13 X 2" | Ea |   |   |   |   |
| 1/2"-13 X 2-1/2" | Ea |   |   |   |   |
| 1/2"-13 X 3" | Ea |   |   |   |   |
| 1/2"-13 X 3-1/2" | Ea |   |   |   |   |
| 5/8"-11 X 1-1/2" | Ea |   |   |   |   |
| 5/8"-11 X 2" | Ea |   |   |   |   |
| 5/8"-11 X 2-1/2" | Ea |   |   |   |   |
| 5/8"-11 X 3" | Ea |   |   |   |   |
| 3/4"-10 X 1-1/2" | Ea |   |   |   |   |
| 3/4"-10 X 2" | Ea |   |   |   |   |
| 3/4"-10 X 2-1/2" | Ea |   |   |   |   |
| 3/4"-10 X 3" | Ea |   |   |   |   |
| 3/4"-10 X 4" | Ea |   |   |   |   |
| 3/4"-10 X 5" | Ea |   |   |   |   |
| **FLATWASHERS - S.S.** |  |  |  |   |   |
| 1/4"-20 | Ea |   |   |   |   |
| 5/16"-18 | Ea |   |   |   |   |
| 3/8"-16 | Ea |   |   |   |   |
| 1/2"-13 | Ea |   |   |   |   |
| 5/8"-11 | Ea |   |   |   |   |
| 3/4"-10 | Ea |   |   |   |   |
| **LOCKWASHERS - S.S.** |  |  |  |   |   |
| 1/4"-20 | Ea |   |   |   |   |
| 5/16"-18 | Ea |   |   |   |   |
| 3/8"-16 | Ea |   |   |   |   |
| 1/2"-13 | Ea |   |   |   |   |
| 5/8"-11 | Ea |   |   |   |   |
| 3/4"-10 | Ea |   |   |   |   |
| **ROD, THREADED PLATED** |   |   |   |   |   |
| 1/4"-20 X 12' | Ea |   |   |   |   |
| 5/16"-18 X 12' | Ea |   |   |   |   |
| 3/8"-16 X 12' | Ea |   |   |   |   |
| 1/2"-13 X 12' | Ea |   |   |   |   |
| 5/8"-11 X 12' | Ea |   |   |   |   |
| 3/4"-10 X 12' | Ea |   |   |   |   |
| 1/4"-20 X 3' | Ea |   |   |   |   |
| 5/16"-18 X 3' | Ea |   |   |   |   |
| 3/8"-16 X 3' | Ea |   |   |   |   |
| 1/2"-13 X 3' | Ea |   |   |   |   |
| 5/8"-11 X 3' | Ea |   |   |   |   |
| **ROD, THREADED S.S.** |   |   |   |   |   |
| 1/2"-13 X 3' | Ea |   |   |   |   |
| 5/8"-11 X 3' | Ea |   |   |   |   |
| 3/4"-10 X 3' | Ea |   |   |   |   |
| **TURNBUCKLES** |   |   |   |   |   |
| 3/4" X 18" Jaw to jaw w/left and right nuts | Ea |   |   |   |   |
| 3/4" X 12" Jaw to jaw w/left and right nuts | Ea |   |   |   |   |
| **BOLTS, HEX S.S. AND ACCESSORIES** |   |   |   |   |   |
| 5/16" X 1" | Ea |   |   |   |   |
| 5/16" X 2" | Ea |   |   |   |   |
| 5/16" X 2-1/2" | Ea |   |   |   |   |
| Nut, nyloc, S.S., 5/16"  | Ea |   |   |   |   |
| Washer, fender, flat, S.S., 5/16" x 1-1/4" | Ea |   |   |   |   |
| Washer, flat, nylon, 3/8" x 3/4" | Ea |   |   |   |   |
| **ITEM CATEGORY SUBTOTALS** |  | **YEAR 1** | **YEAR 2** | **YEAR 3** | **TOTAL** |
| Flat washers - Gr.5 zinc |   |   |   |   |   |
| Lock washer - Gr.5 zinc |   |   |   |   |   |
| Finish nut - Gr.5 zinc |   |   |   |   |   |
| Hex cap screws - Gr.5 zinc |   |   |   |   |   |
| Nylon lock nuts - Gr.5 zinc |   |   |   |   |   |
| Plow bolts - Gr.8 |   |   |   |   |   |
| Anchors |   |   |   |   |   |
| Bolts |   |   |   |   |   |
| Bolts, MM |   |   |   |   |   |
| Nuts, MM |   |   |   |   |   |
| Flat washers, MM |   |   |   |   |   |
| Lock washers, MM |   |   |   |   |   |
| Bolts, SS |   |   |   |   |   |
| Flat washers, SS |   |   |   |   |   |
| Lock washers, SS |   |   |   |   |   |
| Rod, threaded plated |   |   |   |   |   |
| Rod, threaded SS |   |   |   |   |   |
| Turnbuckles |   |   |   |   |   |
| Bolts, Hex, S.S. & accessories |   |   |   |   |   |
| **TOTAL PER YEAR =======>** |   |   |   |   |   |

**All proposals will be evaluated on the following criteria:**

1. Failure to use this bid form shall result in bid disqualification.

2. Failure to bid on all items shall result in an "incomplete bid" determination.

3. List value-added considerations on a separate sheet of paper.

**Terms**: **Dest**: **Fed. ID#:**

**Firm Name**:

**Address**: **City/State/Zip:**

**Phone**: **Fax**: **Email/Website**:

**Signed**: **Date**:

**Please submit one (1) original and one (1) copy.** Bid results may be viewed next business day online at www.cityofflint.com/purchasing