

# METRA INDUSTRIES

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May 10, 2022

Baltimore City  
City Hall, Room 204  
100 Holliday Street  
Baltimore MD 21202

Re. **Bid Protest for WC 1372** WATER INFRASTRUCTURE REPLACEMENT AT  
VARIOUS LOCATIONS Bid Date / Time: May 4, 2022, 11:00 AM

Attention: Tim Wolfe

Dear Mr. Wolfe,

Per the City's requirements, in order to submit a protest:

*"The written protest shall include: a. The name of the person protesting or, if a spokesperson, the entity or organization protesting; b. A narrative description of the issues and facts supporting the protest; and c. A description as to how the protestant will be harmed...."*

This letter shall serve as Metra's bid protest in compliance with the above requirements.

The City recently embarked on a black box decision making campaign for publicly bid projects. Without providing any reason at all, instead of the low bidder, the City is arbitrarily picking and choosing whichever bidder they wanted and awarding contracts to them. It is no longer the lowest responsive and responsible bidder who gets the job. For no apparent reason, low bidders are not being awarded the job.

In our instance, Metra learned over 6 months after bidding, that the City had chosen to award three separate contracts to 2<sup>nd</sup> and 3<sup>rd</sup> bidders instead of the low bidder, Metra. This cost the City and their taxpayers millions of dollars more. For reasons completely unbeknownst to us, the City simply gave these jobs to the bidder of their choice. This black box, behind the scenes decision making provides no transparency and allows the DPW to simply pick who they feel like working with on any given project. All at the expense of transparency, integrity and actual cost to the taxpayers.

We wrote to you on February 9, 2022 saying:

*"...Metra has concerns related to the unbalanced bidding issue as well. In the very near future, the City will open bidding on several new projects... upon which Metra will be submitting bids. ... These include but are not limited to the following jobs which are currently advertised:*

- *SC 1027 bidding 2/16/22 Rehabilitation and Improvements to Sanitary Sewers Various Location*
- *WC 1412 bidding 2/16/22 Urgent Need Water Infrastructure Rehab & Improvement III-FY21*
- *WC 1292 bidding 2/16/22 Small Water Main Replacements & Rehab – Belair Road Area...*

*Without any understanding of the Department’s process for determining whether a bid is balanced, unbalanced or somewhere in between (who makes this call, what the threshold may be), the City’s procurement process will surely be further undermined...*

*...These explanations must be provided before future projects are put out to bid, as this entire process has been clouded with a complete lack of transparency. This leaves open the possibility of favoritism, unnecessary added costs to the tax payers and diminished competition for the work.”*

As a follow up, we emailed you on February 11, 2022 saying:

*“We were told that next week, the City intends for there to be a bid letting for three NEW bids (SC 1027, WC 1292 and WC 1412) without yet fixing the problem on old bids that currently exists and obfuscates all bidders.”*

*“New bids cannot be received until there has been a determination made on old bids... or otherwise until the City gives clear direction by establishing specific parameters on every bid item as to what might constitute a “balanced” or an “unbalanced” bid unit for these new bids.”*

*“What is the threshold for being balanced or unbalanced on the new bids that the City is about to receive...?” There is no instructions whatsoever to any bidders as to what will be considered a responsive and acceptable bid and what will not. At this rate, it will no longer a public bid but rather a beauty contest with the City being allowed to simply pick whoever they wish as the bidder that gets the job.”*

Metra Industries, as you know was a plan-holder for this job. We spent tens of thousands of dollars preparing our bid

The apparent low bidder for this WC 1372 job, RE Harrington has a mathematically and materially unbalanced bid using the City’s new parameters/standards and based on recent actions being taken by The City with other projects. Based on these recent actions being taken by The City on other projects, any number of bidders could be considered low. So once again the city will be choosing and appointing the low bidder, rather than awarding to the lowest responsive responsible bidder.

IB-10 of the bidding documents for this very job expressly speaks to this by stating:

*Bids may be rejected if the City determines that any of the bid prices are mathematically and materially unbalanced **and there is reasonable doubt that the bid will result in the lowest ultimate cost to the City.**”[emphasis added]*

At its face value the apparent bid results were:

RE Harrington	\$7,817,000.00
METRA	\$8,829,150.00
Civil	\$8,910,950.00
Monumental	\$9,730,690.00
Spiniello	\$11,203,300.00
Anchor	\$12,482,270.00

However, with the City's new flexible interpretations this all changes because there are a dozen and a half bid unit prices submitted by RE Harrington that the City could now say are unbalanced. There is an extremely high likelihood that these bid items by RE Harrington would, by the City's new standards, be considered underbid or overbid and will not be used or would overrun. By simply changing items:

<u>Item #</u>	<u>To New Quantity</u>
501	500
502	500
510	400
511	400
805	5000
810	16
817	20
818	10
822	1000
824	4
832	10
845	8
846	12
847	4
848	12
849	4
852	6

Metra will be the new low bidder, and more importantly the obvious ultimate cheapest cost to the City.

This is very evident as shown on the attached.

With this manipulation, your new bid results and the ultimate cost to the City are:

<b>METRA</b>	<b>\$6,595,575.00</b>
RE Harrington	\$6,603,000.00
Civil	\$7,113,650.00
Monumental	\$8,263,280.00
Spiniello	\$9,200,850.00

As you can see, RE Harrington is really not low. Metra is low. Now, RE Harrington is 2<sup>nd</sup> .

As you can further see, from the attached, the City has reduced the bidding process to a game of low bidder BINGO. A bidder's fate is left to the arbitrary choice of the DPW to question an item and simply change the anticipated quantity. This after paying design consultants hundreds of thousands of dollars to determine those very quantities. This raises a question as to the value of these designs and the money spent to procure them.

This system could be viewed as being [is and certainly appears to be] wrought with corruption, fraud and collusion. At the very best, the new system is flawed, WRONG as wrong can be and makes one question the value of even submitting a bid to begin with.

For the foregoing reasons, Metra is protesting this bid. We reserve any and all rights.

Very truly yours



Stephan P. Dioslaki

C     Tonorah Burgee  
       Yosef Kebede  
       James Knighton  
       William Groscup, Esq.

/spd.

ITEM NO.	DESCRIPTION	DIM	QUAN	Spiniello Bid Unit	Spiniello Extension	Monumental Bid Unit	Monumental Extension	Civil Const Bid Unit	Civil Construction Extension	RE Harrington Bid Unit	RE Harrington Extension	Metra BID UNIT	M etra Extension
101	Mobilization Max = 4.5% of total Mobilization	bid amt LS	1	\$300,000.00	\$300,000.00	\$433,805.00	\$433,805.00	\$250,000.00	\$250,000.00	\$100,000.00	\$100,000.00	300,000.00	\$300,000.00
102	Maintenance of Traffic 5% Maximum	LS	1	\$200,000.00	\$200,000.00	\$480,000.00	\$480,000.00	\$250,000.00	\$250,000.00	\$150,000.00	\$150,000.00	200,000.00	\$200,000.00
103	Contingent Selective Tree Felling 12" to 30" Diameter	EA	5	\$2,500.00	\$12,500.00	\$1,000.00	\$5,000.00	\$500.00	\$2,500.00	\$500.00	\$2,500.00	350.00	\$1,750.00
104	Engineers Office Type 2 Engineers Office Type 2	LS	1	\$71,450.00	\$71,450.00	\$90,000.00	\$90,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	10,000.00	\$10,000.00
201	Contingent Test Pit Excavation	CY	50	\$100.00	\$5,000.00	\$100.00	\$5,000.00	\$100.00	\$5,000.00	\$300.00	\$15,000.00	200.00	\$10,000.00
301	Contingent Class 3 Excavation for Incidental Construction	CY	50	\$70.00	\$3,500.00	\$65.00	\$3,250.00	\$80.00	\$4,000.00	\$100.00	\$5,000.00	45.00	\$2,250.00
302	Contingent Selected Backfill Backfill using No 57 Aggregate	CY	50	\$32.00	\$1,600.00	\$100.00	\$5,000.00	\$100.00	\$5,000.00	\$100.00	\$5,000.00	65.00	\$3,250.00
303	Contingent Selected Backfill using CR-6	CY	75	\$47.00	\$3,525.00	\$85.00	\$6,375.00	\$80.00	\$6,000.00	\$100.00	\$7,500.00	75.00	\$5,625.00
304	Contingent Abandoned Rail Removal	EA	10	\$425.00	\$4,250.00	\$500.00	\$5,000.00	\$400.00	\$4,000.00	\$100.00	\$1,000.00	100.00	\$1,000.00
305	Rail Removal (Longitudinal) Rail Removal (Longitudinal)	LF	50	\$26.00	\$1,300.00	\$30.00	\$1,500.00	\$40.00	\$2,000.00	\$100.00	\$5,000.00	50.00	\$2,500.00
306	Erosion and Sediment Control Erosion and Sediment Control	LS	1	\$50,000.00	\$50,000.00	\$40,000.00	\$40,000.00	\$10,000.00	\$10,000.00	\$50,000.00	\$50,000.00	2,500.00	\$2,500.00
501	C -Plant Mix Asphalt Pavement Superpave 9.5mm Surface	SY	500	\$50.00	\$25,000.00	\$60.00	\$30,000.00	\$31.00	\$15,500.00	\$200.00	\$100,000.00	35.00	\$17,500.00
502	Contingent Plant Mix Asphalt Pavement - Superpave 12.5 mm Surface Co	SY	500	\$50.00	\$25,000.00	\$60.00	\$30,000.00	\$31.00	\$15,500.00	\$200.00	\$100,000.00	35.00	\$17,500.00
503	Contingent Plant Mix Asphalt Pavement - Superpave 19.0 mm Base Course	CY	50	\$550.00	\$27,500.00	\$470.00	\$23,500.00	\$350.00	\$17,500.00	\$500.00	\$25,000.00	650.00	\$32,500.00
504	Contingent Plant Mix Asphalt Pavement - Superpave 25.0 mm Base Course	CY	50	\$550.00	\$27,500.00	\$470.00	\$23,500.00	\$350.00	\$17,500.00	\$500.00	\$25,000.00	650.00	\$32,500.00
505	Contingent Milling & Resurfacing Contingent Milling & Resurfacing	SY	15,000	\$28.00	\$420,000.00	\$28.50	\$427,500.00	\$21.00	\$315,000.00	\$20.00	\$300,000.00	37.00	\$555,000.00
506	Plain Cement Concrete Pavement, Using Mix No. 7, For Alleys and Drives	CY	50	\$450.00	\$22,500.00	\$490.00	\$24,500.00	\$390.00	\$19,500.00	\$600.00	\$30,000.00	550.00	\$27,500.00
507	Plain Cement Concrete Pavement, Using Modified Mix No. 6	CY	2,500	\$650.00	\$1,625,000.00	\$495.00	\$1,237,500.00	\$385.00	\$962,500.00	\$325.00	\$812,500.00	200.00	\$500,000.00
508	Contingent Reinforced Cement Concrete Pavement, Using Modified Mix No. 6	CY	250	\$425.00	\$106,250.00	\$500.00	\$125,000.00	\$410.00	\$102,500.00	\$350.00	\$87,500.00	300.00	\$75,000.00
509	Contingent Concrete Curb, Combination Curb And Gutter, And Monolithic Median	LF	200	\$55.00	\$11,000.00	\$59.00	\$11,800.00	\$57.00	\$11,400.00	\$70.00	\$14,000.00	60.00	\$12,000.00
510	Contigent Concrete/Exposed Aggregate Sidewalks	SF	400	\$20.00	\$8,000.00	\$18.95	\$7,580.00	\$18.00	\$7,200.00	\$100.00	\$40,000.00	40.00	\$16,000.00
511	Reflective Thermoplastic Pavement Markings - 5" Yellow or White	LF	400	\$1.75	\$700.00	\$5.00	\$2,000.00	\$3.00	\$1,200.00	\$15.00	\$6,000.00	5.00	\$2,000.00
512	Reflective Thermoplastic Pavement Markings - 12" White	LF	5,000	\$5.00	\$25,000.00	\$9.75	\$48,750.00	\$7.00	\$35,000.00	\$15.00	\$75,000.00	5.00	\$25,000.00
513	Reflective Thermoplastic Pavement Markings - 24" White	LF	250	\$10.00	\$2,500.00	\$13.50	\$3,375.00	\$12.00	\$3,000.00	\$20.00	\$5,000.00	22.00	\$5,500.00
701	Contigent Tree Mitigation Contigent Tree Mitigation	EA	5	\$375.00	\$1,875.00	\$1,000.00	\$5,000.00	\$500.00	\$2,500.00	\$500.00	\$2,500.00	300.00	\$1,500.00
801	Temporary Bypass Piping (2"-4")	LF	15,000	\$14.00	\$210,000.00	\$15.00	\$225,000.00	\$15.00	\$225,000.00	\$10.00	\$150,000.00	20.00	\$300,000.00
802	Temporary Bypass Piping (6"-8")	unit	15,000	\$25.00	\$375,000.00	\$30.00	\$450,000.00	\$18.00	\$270,000.00	\$10.00	\$150,000.00	12.00	\$180,000.00
803	4" Ductile Iron Pipe and Fittings (Restrained)	LF	400	\$275.00	\$110,000.00	\$233.00	\$93,200.00	\$260.00	\$104,000.00	\$200.00	\$80,000.00	250.00	\$100,000.00
804	6" Ductile Iron Pipe and Fittings (Restrained)	LF	2,000	\$273.00	\$546,000.00	\$245.50	\$491,000.00	\$250.00	\$500,000.00	\$210.00	\$420,000.00	260.00	\$520,000.00
805	8" Ductile Iron Pipe and Fittings (Restrained)	LF	5,000	\$285.00	\$1,425,000.00	\$200.00	\$1,000,000.00	\$230.00	\$1,150,000.00	\$200.00	\$1,000,000.00	290.00	\$1,450,000.00
806	10" Ductile Iron Pipe and Fittings (Restrained)	LF	500	\$345.00	\$172,500.00	\$302.00	\$151,000.00	\$300.00	\$150,000.00	\$250.00	\$125,000.00	330.00	\$165,000.00
807	12" Ductile Iron Pipe and fittings (restrained)	LF	500	\$405.00	\$202,500.00	\$342.00	\$171,000.00	\$330.00	\$165,000.00	\$300.00	\$150,000.00	380.00	\$190,000.00
808	16" Ductile Iron Pipe and fittings (restrained)	LF	500	\$550.00	\$275,000.00	\$410.00	\$205,000.00	\$500.00	\$250,000.00	\$400.00	\$200,000.00	420.00	\$210,000.00
809	20" Ductile Iron Pipe and fittings (restrained)	LF	200	\$650.00	\$130,000.00	\$510.00	\$102,000.00	\$650.00	\$130,000.00	\$500.00	\$100,000.00	450.00	\$90,000.00
810	4" Resilient Wedge Gate Valves and Roadway Box	EA	16	\$2,700.00	\$43,200.00	\$3,350.00	\$53,600.00	\$4,000.00	\$64,000.00	\$5,000.00	\$80,000.00	1,100.00	\$17,600.00

ITEM NO.	DESCRIPTION	DIM	QUAN	Spiniello Bid Unit	Spiniello Extension	Monumental Bid Unit	Monumental Extension	Civil Const Bid Unit	Civil Construction Extension	RE Harrington Bid Unit	RE Harrington Extension	Metra BID UNIT	Metra Extension
811	6" Resilient Wedge Gate Valves and Roadway Box	EA	40	\$3,100.00	\$124,000.00	\$5,200.00	\$208,000.00	\$4,000.00	\$160,000.00	\$3,500.00	\$140,000.00	1,200.00	\$48,000.00
812	8" Resilient Wedge Gate Valves and Roadway Box	EA	80	\$4,000.00	\$320,000.00	\$4,600.00	\$368,000.00	\$4,100.00	\$328,000.00	\$3,000.00	\$240,000.00	1,300.00	\$104,000.00
813	10" Resilient Wedge Gate Valves and Roadway Box	EA	5	\$5,900.00	\$29,500.00	\$6,335.00	\$31,675.00	\$6,500.00	\$32,500.00	\$5,000.00	\$25,000.00	2,000.00	\$10,000.00
814	12" Resilient Wedge Gate Valves and Roadway Box	EA	5	\$7,300.00	\$36,500.00	\$9,100.00	\$45,500.00	\$7,500.00	\$37,500.00	\$5,000.00	\$25,000.00	3,000.00	\$15,000.00
815	16" Horizontal / Vertical Flanged Large precast Vaults	Gate Valve & EA	2	\$50,000.00	\$100,000.00	\$46,685.00	\$93,370.00	\$35,000.00	\$70,000.00	\$30,000.00	\$60,000.00	14,000.00	\$28,000.00
816	20" Horizontal / Vertical Flanged Large precast Vaults	Gate Valve & EA	2	\$65,000.00	\$130,000.00	\$65,500.00	\$131,000.00	\$45,000.00	\$90,000.00	\$40,000.00	\$80,000.00	25,000.00	\$50,000.00
817	6" Fire Hydrant, DIP, Valve and Roadway Box	EA	20	\$12,500.00	\$250,000.00	\$9,950.00	\$199,000.00	\$11,000.00	\$220,000.00	\$7,000.00	\$140,000.00	8,000.00	\$160,000.00
818	Abandon Existing 3"-12" Valves Abandon Existing 3"-12" Valves	EA	10	\$2,000.00	\$20,000.00	\$5,000.00	\$50,000.00	\$1,000.00	\$10,000.00	\$10,000.00	\$100,000.00	800.00	\$8,000.00
819	Contingent Hundred Pound Weight Fittings	CWT	150	\$50.00	\$7,500.00	\$500.00	\$75,000.00	\$350.00	\$52,500.00	\$500.00	\$75,000.00	125.00	\$18,750.00
820	Temporary Double Caps/Bulkheads and/or below ground Feed Connection (6-8")	EA	6	\$3,500.00	\$21,000.00	\$6,000.00	\$36,000.00	\$4,500.00	\$27,000.00	\$5,000.00	\$30,000.00	2,500.00	\$15,000.00
821	Temporary Double Caps/Bulkheads and/or below ground Feed Connection (10-12")	EA	2	\$4,700.00	\$9,400.00	\$8,000.00	\$16,000.00	\$7,000.00	\$14,000.00	\$5,000.00	\$10,000.00	2,800.00	\$5,600.00
822	Renewal of Water Supply Services (3/4" - 1")	LF	1,000	\$125.00	\$125,000.00	\$100.00	\$100,000.00	\$150.00	\$150,000.00	\$100.00	\$100,000.00	250.00	\$250,000.00
823	Contingent - Renewal of Water Supply Services (1 1/2" - 2")	LF	100	\$260.00	\$26,000.00	\$200.00	\$20,000.00	\$270.00	\$27,000.00	\$200.00	\$20,000.00	250.00	\$25,000.00
824	Contingent Abandon Ex. 2" or Smaller Meter Serv. Vaults, Frames and	EA	4	\$1,000.00	\$4,000.00	\$2,500.00	\$10,000.00	\$1,000.00	\$4,000.00	\$5,000.00	\$20,000.00	700.00	\$2,800.00
825	Contingent Single Meter Settings, Meter Vault, Frame and Cover, 5/8" Thru 1" Meter	EA	5	\$2,300.00	\$11,500.00	\$1,800.00	\$9,000.00	\$1,500.00	\$7,500.00	\$5,000.00	\$25,000.00	2,000.00	\$10,000.00
826	Contingent TWIN Meter Settings, Meter Vault, Frame and Cover, 5/8" Thru 1" Meter	EA	5	\$4,500.00	\$22,500.00	\$4,000.00	\$20,000.00	\$2,000.00	\$10,000.00	\$5,000.00	\$25,000.00	3,200.00	\$16,000.00
827	Contingent Single Meter Setting, Meter Vault, Frame & Cover, 1.5" to 2" Meter	EA	5	\$6,000.00	\$30,000.00	\$4,000.00	\$20,000.00	\$4,500.00	\$22,500.00	\$5,000.00	\$25,000.00	4,000.00	\$20,000.00
828	Contingent Replacement of 6"-8" Inoperable Valves	EA	2	\$6,000.00	\$12,000.00	\$6,500.00	\$13,000.00	\$7,000.00	\$14,000.00	\$8,000.00	\$16,000.00	7,500.00	\$15,000.00
829	Contingent Replacement of 10"-12" Inoperable Valves	EA	2	\$9,500.00	\$19,000.00	\$8,500.00	\$17,000.00	\$10,000.00	\$20,000.00	\$10,000.00	\$20,000.00	8,500.00	\$17,000.00
830	Installation of Blowoff in Sectional Vault	EA	2	\$3,500.00	\$7,000.00	\$6,000.00	\$12,000.00	\$6,000.00	\$12,000.00	\$5,000.00	\$10,000.00	5,700.00	\$11,400.00
831	Locate Ex. Large Meter Vaults Using Line Locator or Suitable Equip.	EA	10	\$2,000.00	\$20,000.00	\$1,500.00	\$15,000.00	\$300.00	\$3,000.00	\$500.00	\$5,000.00	200.00	\$2,000.00
832	Modification of New & Existing Manholes Frames	EA	10	\$420.00	\$4,200.00	\$1,500.00	\$15,000.00	\$200.00	\$2,000.00	\$1,000.00	\$10,000.00	85.00	\$850.00
833	Remove and Dispose Dirt/Trash from Ex. Large Meter Vault	Debris EA	5	\$1,400.00	\$7,000.00	\$1,500.00	\$7,500.00	\$350.00	\$1,750.00	\$500.00	\$2,500.00	500.00	\$2,500.00
834	Remove and Replace Ex. Large Meter Vault Roof Slab, F&C, to 100 SF	CY	2	\$23,000.00	\$46,000.00	\$4,000.00	\$8,000.00	\$2,000.00	\$4,000.00	\$1,000.00	\$2,000.00	5,800.00	\$11,600.00
835	Remove & Reset Meter Vault Roof Slab	EA	10	\$16,500.00	\$165,000.00	\$4,400.00	\$44,000.00	\$1,500.00	\$15,000.00	\$1,000.00	\$10,000.00	3,600.00	\$36,000.00
836	Allowance (Upset Limit = \$400,000) Repairs to Lg Meter Vault	LS	1	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00	400,000.00	\$400,000.00
837	Small Sectional Vault F&C	EA	6	\$3,500.00	\$21,000.00	\$1,500.00	\$9,000.00	\$2,000.00	\$12,000.00	\$3,000.00	\$18,000.00	4,600.00	\$27,600.00
838	Large Sectional Vault F&C	EA	5	\$6,000.00	\$30,000.00	\$1,500.00	\$7,500.00	\$2,500.00	\$12,500.00	\$3,000.00	\$15,000.00	8,300.00	\$41,500.00
839	F&I 1" Test Port Inside Ex Meter Vault using DI Service Saddle (3")	Vault EA	3	\$3,200.00	\$9,600.00	\$2,500.00	\$7,500.00	\$2,000.00	\$6,000.00	\$1,000.00	\$3,000.00	500.00	\$1,500.00
840	F&I 2" Test Port Inside Ex Meter Vault Using DI Service Saddle (4"-6")	Vault EA	3	\$3,400.00	\$10,200.00	\$3,500.00	\$10,500.00	\$1,200.00	\$3,600.00	\$3,000.00	\$9,000.00	700.00	\$2,100.00
841	3" Flanged Gate Valve Inside Ex. Meter Vault	EA	2	\$9,100.00	\$18,200.00	\$3,000.00	\$6,000.00	\$4,000.00	\$8,000.00	\$5,000.00	\$10,000.00	4,000.00	\$8,000.00
842	4" Flanged Gate Valve Inside Ex. Meter Vault	EA	2	\$9,200.00	\$18,400.00	\$3,500.00	\$7,000.00	\$4,000.00	\$8,000.00	\$5,000.00	\$10,000.00	4,200.00	\$8,400.00
843	6" Flanged Gate Valve Inside Ex. Meter Vault	EA	6	\$9,600.00	\$57,600.00	\$4,000.00	\$24,000.00	\$4,500.00	\$27,000.00	\$6,000.00	\$36,000.00	4,300.00	\$25,800.00
844	10" Flanged Gate Valve Inside Ex Meter Vault	EA	2	\$16,000.00	\$32,000.00	\$5,000.00	\$10,000.00	\$6,000.00	\$12,000.00	\$8,000.00	\$16,000.00	4,800.00	\$9,600.00
70	Install (city supplied) 4" Fire Meter Install (city supplied) 4" Fire Meter	EA	8	\$5,100.00	\$40,800.00	\$3,500.00	\$28,000.00	\$2,000.00	\$16,000.00	\$6,000.00	\$48,000.00	650.00	\$5,200.00
846	Install (city supplied) 6" to 8" Fire Meter	EA	12	\$9,500.00	\$114,000.00	\$3,500.00	\$42,000.00	\$2,000.00	\$24,000.00	\$5,000.00	\$60,000.00	2,500.00	\$30,000.00

ITEM NO.	DESCRIPTION	DIM	QUAN	Spiniello Bid Unit	Spiniello Extension	Monumental Bid Unit	Monumental Extension	Civil Const Bid Unit	Civil Construction Extension	RE Harrington Bid Unit	RE Harrington Extension	Metra BID UNIT	M etra Extension
847	Install (city supplied) 10" Fire Meter	EA	4	\$17,000.00	\$68,000.00	\$4,000.00	\$16,000.00	\$3,000.00	\$12,000.00	\$8,000.00	\$32,000.00	2,800.00	\$11,200.00
848	Retrofit 6" to 8" Fire Service Meter	EA	12	\$12,000.00	\$144,000.00	\$3,500.00	\$42,000.00	\$2,500.00	\$30,000.00	\$6,000.00	\$72,000.00	1,100.00	\$13,200.00
849	Retrofit 10" -12" Fire Service Meter	EA	4	\$16,000.00	\$64,000.00	\$4,000.00	\$16,000.00	\$2,000.00	\$8,000.00	\$6,000.00	\$24,000.00	1,200.00	\$4,800.00
850	Installation of 4" to 6" Detector Check Meter	EA	8	\$8,200.00	\$65,600.00	\$3,500.00	\$28,000.00	\$2,000.00	\$16,000.00	\$5,000.00	\$40,000.00	2,500.00	\$20,000.00
851	Installation of 8" to 10" Detector Check Meter	EA	2	\$20,500.00	\$41,000.00	\$4,000.00	\$8,000.00	\$3,000.00	\$6,000.00	\$8,000.00	\$16,000.00	3,500.00	\$7,000.00
852	Installation of 3" to 6" Standalone Meter	EA	6	\$8,200.00	\$49,200.00	\$3,500.00	\$21,000.00	\$1,000.00	\$6,000.00	\$10,000.00	\$60,000.00	2,700.00	\$16,200.00
				<b>Spiniello</b>	<b>\$9,200,850.00</b>	<b>Monumental</b>	<b>\$8,263,280.00</b>	<b>Civil Total</b>	<b>\$7,113,650.00</b>	<b>RE Harrington</b>	<b>\$6,603,000.00</b>	<b>Metra Total</b>	<b>\$6,595,575.00</b>