



**City of Lake Worth Beach**  
 Compliance Checklist & Bid Tab  
**IFB#23-121 Canal Distribution Substation Construction**

	Hooper Construction	Powerserve Technologies, Inc.	The L.E. Myers Co.	DMR Construction Services, Inc.
<b>Bid Price :</b>	\$4,999,989.10	\$4,115,908.31	\$5,686,357.73	\$8,105,295.00
<b>Preference Amount:</b>				
<b>Total for Evaluation:</b>				
BID FORM 00300-1 thru 00300-4	submitted	submitted	submitted	submitted
UNIT PRICE SCHEDULE 00300-5 thru 00300-10	submitted	submitted	submitted	submitted
TRENCH SAFETY AFFIDAVIT 00300-11	submitted	submitted	submitted	submitted
SCHEDULE OF MAJOR SUBCONTRACTORS 0300-12	submitted	submitted	submitted	submitted
I.3 PROPOSAL DATA FOR SUBSTATION CONSTRUCTION FOR THE CANAL DISTRIBUTION SUBSTATION 00300-13 thru 00300-14	submitted	submitted	submitted	submitted
SCHEDULE OF MAJOR EQUIPMENT & MATERIALS 00300-15	submitted	submitted	submitted	submitted
PUBLIC ENTITY CRIMES STATEMENT 00300-16 thru 00300-17	submitted	submitted	submitted	submitted
CERTIFICATION OF DRUG FREE WORK PLACE 00300-18	submitted	submitted	submitted	submitted
VETERAN BUSINESS ENTERPRISE, SMALL BUSINESS ENTERPRISE AND LOCAL BUSINESS PREFERENCE FORM 00300-19	not submitted	submitted - N/A	submitted - N/A	submitted - N/A
BIDDER'S QUALIFICATION QUESTIONAIRE 00310-1 thru 00310-6	submitted	submitted	submitted	submitted
Appendix 1 - Contractor's safety form	submitted	submitted	submitted	submitted
Campaign Contribution Statement 00850-1	not submitted	submitted	submitted	submitted
Scrutinized Companies Certification Form 00851-1	not submitted	submitted	submitted	submitted
<b>BID BOND</b>	submitted	submitted	submitted	submitted
Compliance :	<i>COMPLIANT</i>	<i>COMPLIANT</i>	<i>COMPLIANT</i>	<i>COMPLIANT</i>



**City of Lake Worth Beach**  
Bid Tabulation

**IFB#23-121 CANAL DISTRIBUTION SUBSTATION CONSTRUCTION**

Unit Price Description	Hooper Corporation			Powerserve Technologies, Inc.			The L.E. Myers Co.			DMR Construction Services, Inc.		
	Material Cost	Labor/Equip/Install	Total Cost	Material Cost	Labor/Equip/Install	Total Cost	Material Cost	Labor/Equip/Install	Total Cost	Material Cost	Labor/Equip/Install	Total Cost
<b>1.1 LUMP SUM PRICE FOR SUBSTATION CONSTRUCTION FOR THE CANAL DISTRIBUTION SUBSTATION:</b>	<b>\$4,999,989.10</b>			<b>\$4,115,908.31</b>			<b>\$5,686,357.73</b>			<b>\$8,105,295.00</b>		
<b>I.1.1 SUBSTATION CONSTRUCTION MAJOR ITEM COST BREAKDOWN:</b>												
<b>Canal Distribution Substation Construction:</b>												
Mobilization Cost		\$10,500.00	\$10,500.00		\$25,000.00	\$25,000.00	\$0.00	\$87,611.77	\$87,611.77	\$6,746.46	\$1,447,170.54	\$1,453,917.00
Demobilization Cost		\$10,500.00	\$10,500.00		\$25,000.00	\$25,000.00	\$0.00	\$58,002.32	\$58,002.32	\$0.00	\$157,566.00	\$157,566.00
Payment and Performance Bond Cost			\$27,382.88		\$70,000.00	\$70,000.00	\$46,932.88	\$0.00	\$46,932.88	\$0.00	\$61,056.00	\$61,056.00
Insurance Cost			\$12,300.00		\$30,000.00	\$30,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$171,500.00	\$171,500.00
<b>Sitework:</b>												
Perimeter wall and fence installation	\$100,000.00	\$786,371.37	\$886,371.37	\$270,514.29	\$330,628.57	\$601,142.86	\$122,498.88	\$285,830.72	\$408,329.60	\$197,493.08	\$364,503.92	\$561,997.00
Access driveway installation	\$18,500.00	\$14,500.00	\$33,000.00	\$17,280.00	\$21,120.00	\$38,400.00	\$9,907.50	\$23,117.50	\$33,025.00	\$12,785.75	\$31,531.25	\$44,317.00
Security wall and entrance gates installation	\$80,000.00	\$209,264.83	\$289,264.83	\$124,692.48	\$152,401.92	\$277,094.40	\$97,159.08	\$226,704.24	\$323,863.32	\$0.00	\$356,749.00	\$356,749.00
Landscaping installation	\$110,000.00	\$148,245.17	\$258,245.17	\$174,537.68	\$213,323.83	\$387,861.51	\$320,036.31	\$213,357.54	\$533,393.85	\$0.00	\$271,400.00	\$271,400.00
Switchyard crushed rock surfacing installation	\$155,690.00	\$25,503.60	\$181,193.60	\$28,800.00	\$11,314.29	\$40,114.29	\$32,434.81	\$60,236.07	\$92,670.88	\$53,522.34	\$32,562.66	\$86,085.00
<b>Foundations:</b>												
Drilled pier foundation installation	\$260,000.00	\$291,486.25	\$551,486.25	\$217,275.37	\$265,558.78	\$482,834.15	\$215,011.83	\$322,517.74	\$537,529.57	\$0.00	\$651,627.00	\$651,627.00
138/27kV Transformer foundation and grating installation	\$158,180.00	\$89,966.50	\$248,146.50	\$168,685.31	\$66,000.00	\$234,685.31	\$172,315.52	\$258,473.29	\$430,788.81	\$24,094.51	\$177,591.49	\$201,686.00
Slab on grade equipment foundation installation	\$129,184.00	\$150,431.00	\$279,615.00	\$106,971.43	\$130,742.86	\$237,714.29	\$204,285.99	\$306,428.98	\$510,714.97	\$217,936.06	\$110,732.94	\$328,669.00
<b>Switchyard:</b>												
Distribution duct banks A-A, B-B & C-C installation	\$70,000.00	\$117,839.05	\$187,839.05	\$115,804.20	\$34,285.71	\$150,089.91	\$73,291.58	\$219,874.75	\$293,166.33	\$114,052.58	\$208,263.42	\$322,316.00
Cable trench installation	\$6,500.00	\$60,239.19	\$66,739.19		\$18,285.71	\$18,285.71	\$6,713.68	\$38,044.17	\$44,757.85	\$11,876.18	\$91,741.82	\$103,618.00
Control / Low voltage power conduit and riser installation	\$25,000.00	\$66,550.75	\$91,550.75	\$40,678.32	\$37,782.86	\$78,461.18	\$46,435.04	\$139,305.11	\$185,740.15	\$83,891.07	\$175,575.93	\$259,467.00
Grounding grid/grounding connections to equipment/structure install	\$15,000.00	\$63,250.77	\$78,250.77	\$48,201.40	\$61,714.29	\$109,915.69	\$67,762.38	\$203,287.13	\$271,049.51	\$49,117.87	\$230,413.13	\$279,531.00
Area lighting installation	\$5,500.00	\$21,279.11	\$26,779.11		\$23,785.34	\$23,785.34	\$810.66	\$7,295.95	\$8,106.61	\$29,085.69	\$14,222.31	\$43,308.00
AC auxiliary power equipment installation	\$5,000.00	\$2,904.62	\$7,904.62		\$3,459.69	\$3,459.69	\$0.00	\$1,667.74	\$1,667.74	\$0.00	\$12,112.00	\$12,112.00
Steel structure installation	\$8,500.00	\$96,386.84	\$104,886.84		\$47,786.92	\$47,786.92	\$0.00	\$90,194.43	\$90,194.43	\$75,850.73	\$411,796.27	\$487,647.00
Power Equipment and materials installation	\$2,000.00	\$400,122.64	\$402,122.64	\$16,157.00	\$387,561.04	\$403,718.04	\$2,652.00	\$262,548.36	\$265,200.36	\$0.00	\$406,239.00	\$406,239.00
Bus fittings, connectors, and jumper conductor installation	\$80,000.00	\$153,468.34	\$233,468.34	\$50,349.65	\$23,979.95	\$74,329.60	\$86,643.73	\$259,931.20	\$346,574.93	\$95,749.18	\$202,301.82	\$298,051.00
Control / low voltage power cable pulling and termination	\$60,000.00	\$131,265.76	\$191,265.76	\$87,320.28	\$164,086.44	\$251,406.72	\$150,792.07	\$184,301.42	\$335,093.49	\$107,190.46	\$177,985.54	\$285,176.00
Checkout and testing services		\$373,805.61	\$373,805.61	\$1,010.00	\$191,612.00	\$192,622.00	\$0.00	\$274,525.61	\$274,525.61	\$0.00	\$350,047.00	\$350,047.00
Demolition of existing Distribution Station	\$10,000.00	\$219,711.26	\$229,711.26		\$112,200.70	\$112,200.70	\$36,890.13	\$270,527.62	\$307,417.75	\$0.00	\$528,714.00	\$528,714.00
Miscellaneous	\$3,000.00	\$14,659.56	\$17,659.56			\$0.00	\$0.00	\$0.00	\$0.00	\$120,472.56	\$62,027.44	\$182,500.00
City's Allowance (authorized only by City's approved Field Order or Work Change Directive)			\$200,000.00			\$200,000.00			\$200,000.00			\$200,000.00
<b>Grand Total Canal Distribution Substation Construction:</b>			<b>\$4,999,989.10</b>			<b>\$4,115,908.31</b>			<b>\$5,686,357.73</b>			<b>\$8,105,295.00</b>

I.2 UNIT ADJUSTMENT PRICES FOR SUBSTATION CONSTRUCTION FOR THE CANAL DISTRIBUTION SUBSTATION:				
Substation Construction Unit Adjustment Prices	Unit Cost (\$)	Unit Cost (\$)	Unit Cost (\$)	Unit Cost (\$)
<b>Earthwork, per cubic yard:</b>				
Excavation		\$13.00	\$6.00	\$30.00
Compacted earth backfill		\$8.00	\$4.00	\$60.00
Compacted sand backfill	\$36.50	\$8.00	\$16.85	\$60.00
Compacted crushed rock backfill	\$35.00	\$8.00	\$22.85	\$65.00
<b>Duct bank/drainage piping trenching, per cubic yard:</b>	\$42.00			\$35.00
Hand excavation duct bank/drainage piping depths less than 5'	\$34.75	\$30.00	\$15.00	\$100.00
Machine excavation duct bank/drainage piping depths less than 5'	\$10.25	\$7.00	\$3.54	\$35.00
Machine excavation duct bank/drainage piping depths greater than 5'	\$13.33	\$11.00	\$5.50	\$70.00
<b>Dewatering equipment, per linear foot:</b>	\$25.00	\$6.00	\$40.31	\$100.00
<b>Switchyard crushed rock surfacing, per cubic yard:</b>	\$35.00			\$50.00
Excavation and removal	\$18.50	\$50.00	\$20.52	\$70.00
Installed and compacted crushed rock switchyard surfacing	\$35.00	\$190.00	\$60.84	\$50.00
<b>Asphaltic access driveway installation, per cubic yard:</b>				\$400.00
Compacted base course		\$15.00	\$13.45	\$400.00
Asphalt pavement		\$22.00	\$12.56	\$430.00
<b>Precast concrete 10' high drop-in security wall, per linear foot:</b>		\$280.00	\$307.25	\$350.00
Decorative aluminum gate, 20' wide, installed assembly complete with all accessories, each	\$20,000.00	\$35,000.00	\$24,200.00	\$30,000.00
Decorative aluminum gate, 3' wide, installed assembly complete with all accessories, each	\$4,200.00	\$4,000.00	\$6,050.00	\$3,500.00
<b>Foundation concrete, per cubic yard:</b>	\$160.00			\$1,000.00
Large foundations, greater than 3 cubic yards, including reinforcing and formwork	\$1,385.00	\$3,300.00	\$1,800.00	\$1,200.00
Small foundations, less than 3 cubic yards, including reinforcing and formwork	\$1,050.00	\$3,300.00	\$1,800.00	\$1,200.00
Drilled pier foundations, including excavation, reinforcing, and formwork	\$1,485.00	\$3,300.00	\$1,400.00	\$2,000.00
<b>Concrete masonry block, per square foot:</b>	\$62.00			
8"x12"x16" block units for North and South Site Perimeter Walls	\$496.00	\$52.00	N/A	\$28.00
<b>Steel roof joists, per pound:</b>	\$1.35 per lb.	\$4.50	N/A	\$8.00
<b>Paint furnished and installed for masonry walls and perimeter walls, per square foot:</b>	\$2.95 (front & back)	\$2.50	\$33.38	\$2.50
<b>Field drill holes in structural steel 3/4" to 1" diameter, per hole</b>	\$55.00	\$32.00 (material not included)	\$42.15	\$50.00
<b>Lighting fixture, including fittings and supports, each:</b>				
Outdoor lighting fixture	\$2,460.00	\$200.00	\$736.96	\$1,024.00 (Labor Only)
<b>Transformer oil containment pit sump pump with smart oil detection cutoff switch, each</b>	\$127,620.00	\$20,000.00	\$6,684.35	\$9,500.00
<b>Distribution duct bank, including earthwork and fluidized concrete backfill, top of duct bank at 3' depth, per linear foot:</b>				
Eight 8" PVC ducts	\$320.00	\$540.00	\$122.15	\$450.00
Two 8" PVC ducts	\$345.00	\$240.00	\$162.87	\$152.00
<b>Switchyard cable trench, 10' section 30" wide, including earthwork, geotextile liner, and cover, per linear foot:</b>	\$400.00	\$190.00	\$218.33	
<b>Above grade conduit, including fittings and supports, per linear foot:</b>				
PVC, 1" diameter	\$6.14	\$6.00	\$1.18	\$21.00
PVC, 2" diameter	\$7.82	\$6.00	\$2.52	\$21.00
PVC, 3" diameter	\$12.93	\$8.00	\$4.94	\$21.50
PVC, 4" diameter	\$16.02	\$10.00	\$8.76	\$29.00
PVC, 8" diameter	\$58.00	\$20.00	\$18.62	\$58.00
<b>Direct buried PVC conduit, including fittings and excavation and backfill, depth less than 3', per linear foot:</b>				

	Unit Cost (\$)	Unit Cost (\$)	Unit Cost (\$)	Unit Cost (\$)
1" diameter PVC conduit	\$17.05	\$7.00	\$2.13	\$21.00
2" diameter PVC conduit	\$12.73	\$7.00	\$3.78	\$23.00
3" diameter PVC conduit	\$17.84	\$9.00	\$5.92	\$24.30
4" diameter PVC conduit	\$20.93	\$11.00	\$10.34	\$37.50
8" diameter PVC conduit	\$62.91	\$21.00	\$24.87	\$70.30
<b>Switchyard grounding grid conductor, per 100 linear feet</b>				
145.7 kCMIL copperclad	\$1.20	\$300.00	\$33.64	\$1,025.00 (Labor Only)
248 kCMIL copperclad	\$1.23	\$400.00	\$33.64	\$1,025.00 (Labor Only)
<b>Ground rod, 3/4" x 20' long, installed, each</b>	\$180.00	\$70.00	\$115.00	\$274.00 (Labor Only)
<b>Switchyard grounding grid connection fittings, each</b>	\$30.00			
Ground rod to Ground rod exothermic connection	\$35.00	\$50.00 (mold included)	\$32.00	\$131.00 (Labor Only)
Ground rod to 248 kCMIL grounding conductor exothermic connection	\$34.00	\$50.00	\$32.00	\$131.00 (Labor Only)
248 kCMIL grounding conductor to 248 kCMIL grounding conductor exothermic connection	\$34.00	\$50.00	\$32.00	\$131.00 (Labor Only)
248 kCMIL grounding conductor to 145.7 kCMIL grounding conductor exothermic connection	\$34.00	\$50.00	\$32.00	\$131.00 (Labor Only)
<b>Switchyard lighting fixtures, installed, each</b>				
Wall mounted area lighting fixture, including conduit and meter box installation	\$1,925.00	\$400.00	\$736.96	\$1,475.00 (Labor Only)
Steel Structure mounted lighting fixture, including conduit installation	\$2,460.00	\$500.00	\$736.96	\$1,475.00 (Labor Only)
<b>Control cable pull through switchyard raceway, 7/C #10 shielded 600V cable, per 100 linear feet</b>	\$250.00	\$250.00	\$7.84	\$370.00 (Labor Only)
<b>Control cable equipment termination, 7/C #10 shielded 600V cable, all conductors terminated both ends, each cable</b>	\$336.00	\$70.00	\$11.88	\$33.40 (Labor Only)
<b>Comments:</b>	corrected bid	corrected bid	corrected bid	