

Project - 11368 POWER SERVICES FOR TEMPORARY FIRE STATION #49			Estimate: \$80,000.00		Ad Date: 12/30/2008									
Bid Date: January 21, 2009			Electrical Contracting Service, Inc.		Almor Electric & Design, Inc. Plant		Intercounty Engineering, Inc., P		Fisk Electric Co., Miami, FL		Advanced Modular Structures, Inc		Mills Electric Service, Inc., Pompa	
Item	Quantity	Unit	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total
1 Mobilization and demo (move-in and out) o equip., insurance, bond cost and other fixed costs. This item must not exceed 5% of the total bid amount.	1	LS	\$1,200.00	\$1,200.00	\$3,117.84	\$3,117.84	\$2,000.00	\$2,000.00	\$3,388.61	\$3,388.61	\$2,146.18	\$2,146.18	\$2,768.00	\$2,768.00
2 Furnish all materials, labor, and equip to excavate 12" width x 24" depth trench; to accommodate installation of underground utilities shown on the plans. This item includes saw-cutting, excavation, removal and disposal of unsuitable materials, backfilling, compaction, restoration; including all necessary appurtenances. Approx. 150 linear ft.	150	L.F.	\$35.00	\$5,250.00	\$51.73	\$7,759.50	\$25.00	\$3,750.00	\$18.59	\$2,788.50	\$28.80	\$4,320.00	\$38.50	\$5,775.00
3 Furnish all materials, labor, and equip to install new 35ft wood svc pole as shown on the plans. Including necessary appurtenances; Approx one unit.	1	EA	\$1,900.00	\$1,900.00	\$1,699.79	\$1,699.79	\$1,450.00	\$1,450.00	\$1,595.55	\$1,595.55	\$2,944.00	\$2,944.00	\$1,556.00	\$1,556.00
4 Furnish all materials, labor, and equipment to instal svc drop w/ weather head, 2" EMT conduit and newNEMA 3R meter can w/200 Amps/208v/3 Phase main breaker to be installed on service pole on elevation of 6ft above grnd; including all necessary appurtenances. Approx one unit.	1	EA	\$2,100.00	\$2,100.00	\$1,396.45	\$1,396.45	\$1,600.00	\$1,600.00	\$3,298.31	\$3,298.31	\$1,726.00	\$1,726.00	\$2,150.00	\$2,150.00
5 Furnish all materials, labor, and equip to install "Main load distribution panel, Copper bus-bar/200 Amps, 208v/120v/3 Phase/NEMA 3R surface wall mounted w/depth not to exceed 8" with double hinged lockable doors with the following:														
a) Main load distrib panel includes cooper busbar 200Amps, 208v/120v/ 3 Phase/NEMA 3R w/double hinged lockable doors; including all necessary appurtenances; excluding breakers. Approx 1 unit	1	EA	\$1,800.00	\$1,800.00	\$1,012.82	\$1,012.82	\$3,600.00	\$3,600.00	\$993.18	\$993.18	\$791.00	\$791.00	\$1,660.00	\$1,660.00
b) One 200 Amps/208v/120v/ 3 Phase main breaker; including the necessary appurtenances. Approx 1 unit.	1	EA	\$100.00	\$100.00	\$486.91	\$486.91	\$975.00	\$975.00	\$783.66	\$783.66	\$565.00	\$565.00	\$452.00	\$452.00
c) Three 100 Amps/208v/120v/ 2 pole breakers; including all the necessary appurtenances for panels A, B, and C. Approx 3 units.	3	EA	\$50.00	\$150.00	\$43.19	\$129.57	\$375.00	\$1,125.00	\$328.28	\$984.84	\$65.00	\$195.00	\$175.00	\$525.00
d) One 60Amps/208v/120v/ 3 Phase breaker; incldg all the necessary appurtenances for panel D. Approx 1.	1	EA	\$40.00	\$40.00	\$78.30	\$78.30	\$650.00	\$650.00	\$263.60	\$263.60	\$113.00	\$113.00	\$185.00	\$185.00
e) Two 30 Amps/208v/120v/ 3 Phase breaker; incldg all necessary appurtenances for Receptacle B. Appx two	2	EA	\$40.00	\$80.00	\$78.30	\$156.60	\$135.00	\$270.00	\$171.29	\$342.58	\$113.00	\$226.00	\$185.00	\$370.00
f) One 20Amps/120v/1 Phase breaker, 20Amps contactor and photo cell; including all the necessary appurtenances for lighting circuit. Approx 1unit.	1	EA	\$20.00	\$20.00	\$66.48	\$66.48	\$20.00	\$20.00	\$32.99	\$32.99	\$195.00	\$195.00	\$704.00	\$704.00
g) Two 20Amps/120v/ 1 Phase breaker; including all necessary appurtenances for Receptacle A. Approx two units.	2	EA	\$20.00	\$40.00	\$12.98	\$25.96	\$25.00	\$50.00	\$32.99	\$65.98	\$56.50	\$113.00	\$90.00	\$180.00
h) One 20Amps/120v/ 3 Phase breaker; including all necessary appurtenances for power to gates. Approx one unit.	1	EA	\$25.00	\$25.00	\$78.30	\$78.30	\$115.00	\$115.00	\$171.29	\$171.29	\$113.00	\$113.00	\$185.00	\$185.00
i) One 20Amps/120v/1 Phase breaker; including all the necessary appurtenances for spare. Approx 1 unit.	1	EA	\$20.00	\$20.00	\$12.98	\$12.98	\$22.00	\$22.00	\$32.99	\$32.99	\$56.00	\$56.00	\$70.00	\$70.00
6 Furnish all materials, labor, and equip to install 36" x 36" x 6" concrete slab; including excavation, back filling of 12" compacted lime rock; including all necessary appurtenances. Approx one unit.	1	EA	\$500.00	\$500.00	\$874.00	\$874.00	\$675.00	\$675.00	\$759.74	\$759.74	\$1,050.00	\$1,050.00	\$2,500.00	\$2,500.00

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Item	Quantity	Unit	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	
11	Furnish all materials, labor, and equip to install one 30 Amps/208v/120v/ 3 Phase receptacles NEMA 3R w/cover and 20ft flexible svc cable (5x #10 THHN w/outer jacket and terminated in "J" Box (B) w/pull-up springs; including all necessary appurtenances. Approx two units each.	2	EA	\$75.00	\$150.00	\$357.00	\$714.00	\$150.00	\$300.00	\$564.23	\$1,128.46	\$414.00	\$828.00	\$150.00	\$300.00
12	Furnish all materials, labor, and equip to install panel "C" and "D", each w/ 100 Amps; including all necessary appurtenances. Approx one ea.														
	a) Panel "C" 100 Amps/208v/120v/2pole/single phase with:	1	EA	\$800.00	\$800.00	\$215.00	\$215.00	\$510.00	\$510.00	\$234.52	\$234.52	\$1,160.00	\$1,160.00	\$450.00	\$450.00
	1) One 50Amp/208v/2 pole breaker														
	2) One 30Amp/208v/2 pole breaker														
	3) Three 20Amp/120v/Single Phase Breaker														
	b) Panel "D" 100 Amps/208v/120v/3phase with:	1	EA	\$800.00	\$800.00	\$355.00	\$355.00	\$400.00	\$400.00	\$478.89	\$478.89	\$1,145.00	\$1,145.00	\$475.00	\$475.00
	1) Six 20Amps/120v/Single Phase Breaker														
	2) One 20Amps/208v/120v/3 phase spare														
	3) Six single phase spaces														
13	Contractor to furnish all materials, labor, and equip to install fluorescent light fixture model No. VP232 Tandem UNV by surf lighting Inc, under canopy hanging from the canopy super structure. Approx twelve units	12	EA	\$100.00	\$1,200.00	\$127.75	\$1,533.00	\$216.00	\$2,592.00	\$324.96	\$3,899.52	\$320.00	\$3,840.00	\$280.00	\$3,360.00
14	Furnish all materials, labor, and equip. to install six (6) #12 THHN in one-inch PVC schedule 40 conduit in 12" x 24" depth trench; includes saw-cutting, excavation, backfilling, compaction, restoration; and all other necessary appurtenances...to power the motorized rolling gate operation from office; including all the necessary appurtenances. Approx 120 L.F.	120	L.F.	\$18.00	\$2,160.00	\$13.97	\$1,676.40	\$9.00	\$1,080.00	\$26.27	\$3,152.40	\$41.04	\$4,924.80	\$38.00	\$4,560.00
15	Furnish all materials, labor, and equip. to install one x 3" PVC schedule 40 conduit in 24" depth for Comcast, per plan. Approx 90 L.F.	90	L.F.	\$7.00	\$630.00	\$20.44	\$1,839.60	\$7.00	\$630.00	\$19.13	\$1,721.70	\$14.35	\$1,291.50	\$6.40	\$576.00
16	Furnish all materials, labor, and equip. to install two x 2" PVC schedule 40 conduit in 24" depth for AT&T, per plan. Approx 70 L.F.	70	L.F.	\$13.00	\$910.00	\$14.30	\$1,001.00	\$7.00	\$490.00	\$23.81	\$1,666.70	\$15.20	\$1,064.00	\$10.00	\$700.00
17	FPL to supply all materials, labor, and equip. to install 3 x 25 kva/ 14,000v/208v/110v poll mounted transfer w/ lightning arrester on H.V. phases and proper low voltage grnding. The contractor must coordinate and sched this work w/FPL. The City will reimburse the contractor for any FPL charges (installation of transformers) at actual cost w/o mark-up; including all the necessary appurtenances.	1	AL		\$15,000.00		\$15,000.00		\$15,000.00		\$15,000.00		\$15,000.00		\$15,000.00
18	Reimbursement for cost-plus mark-up materials and permit fee. This item must be only for purchase of materials not covered in applicable line items and authorized by the Engineer of record.	1	AL		\$15,000.00		\$15,000.00		\$15,000.00		\$15,000.00		\$15,000.00		\$15,000.00
Total Base Bid				\$66,437.50	\$65,302.45	\$66,719.00	\$71,158.18	\$71,588.03	\$70,538.00						

Project - 11368 POWER SERVICES FOR TEMPORARY FIRE STATION #49 Estimate: Ad Date:

Bid D: January 21, 2009

Item	Quantity	Unit	Paragon Electric Contractors, Inc.		Wilson O'Brien Electric, Inc., Ft. La		BIDDER 9		BIDDER 10		BIDDER 11		BIDDER 12	
			Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total
1 Mobilization and demo (move-in and out) o equip., insurance, bond cost and other fixed costs. This item must not exceed 5% of the total bid amount.	1	LS	\$3,845.00	\$3,845.00	\$1,000.00	\$1,000.00		\$0.00		\$0.00		\$0.00		\$0.00
2 Furnish all materials, labor, and equip to excavate 12" width x 24" depth trench; to accommodate installation of underground utilities shown on the plans. This item includes saw-cutting, excavation, removal and disposal of unsuitable materials, backfilling, compaction, restoration; including all necessary appurtenances. Approx. 150 linear ft.	150	L.F.	\$41.90	\$6,285.00	\$34.13	\$5,119.50		\$0.00		\$0.00		\$0.00		\$0.00
3 Furnish all materials, labor, and equip to install new 35ft wood svc pole as shown on the plans. Including necessary appurtenances; Approx one unit.	1	EA	\$1,128.00	\$1,128.00	\$2,000.00	\$2,000.00		\$0.00		\$0.00		\$0.00		\$0.00
4 Furnish all materials, labor, and equipment to instal svc drop w/ weather head, 2" EMT conduit and newNEMA 3R meter can w/200 Amps/208v/3 Phase main breaker to be installed on service pole on elevation of 6ft above gmd; including all necessary appurtenances. Approx one unit.	1	EA	\$2,207.00	\$2,207.00	\$2,500.00	\$2,500.00		\$0.00		\$0.00		\$0.00		\$0.00
5 Furnish all materials, labor, and equip to install "Main load distribution panel, Copper bus-bar/200 Amps, 208v/120v/3 Phase/NEMA 3R surface wall mounted w/depth not to exceed 8" with double hinged lockable doors with the following:								\$0.00		\$0.00		\$0.00		\$0.00
a) Main load distrib panel includes cooper busbar 200Amps, 208v/120v/ 3 Phase/NEMA 3R w/double hinged lockable doors; including all necessary appurtenances; excluding breakers. Approx 1 unit	1	EA	\$1,009.00	\$1,009.00	\$5,000.00	\$5,000.00		\$0.00		\$0.00		\$0.00		\$0.00
b) One 200 Amps/208v/120v/ 3 Phase main breaker; including the necessary appurtenances. Approx 1 unit.	1	EA	\$674.00	\$674.00	\$300.00	\$300.00		\$0.00		\$0.00		\$0.00		\$0.00
c) Three 100 Amps/208v/120v/ 2 pole breakers; including all the necessary appurtenances for panels A, B, and C. Approx 3 units.	3	EA	\$226.33	\$678.99	\$80.00	\$240.00		\$0.00		\$0.00		\$0.00		\$0.00
d) One 60Amps/208v/120v/ 3 Phase breaker; inclgd all the necessary appurtenances for panel D. Approx 1.	1	EA	\$229.00	\$229.00	\$80.00	\$80.00		\$0.00		\$0.00		\$0.00		\$0.00
e) Two 30 Amps/208v/120v/ 3 Phase breaker; inclgd all necessary appurtenances for Receptacle B. Appx two	2	EA	\$206.50	\$413.00	\$75.00	\$150.00		\$0.00		\$0.00		\$0.00		\$0.00
f) One 20Amps/120v/1 Phase breaker, 20Amps contactor and photo cell; including all the necessary appurtenances for lighting circuit. Approx 1unit.	1	EA	\$895.00	\$895.00	\$800.00	\$800.00		\$0.00		\$0.00		\$0.00		\$0.00
g) Two 20Amps/120v/ 1 Phase breaker; including all necessary appurtenances for Receptacle A. Approx two units.	2	EA	\$46.00	\$92.00	\$25.00	\$50.00		\$0.00		\$0.00		\$0.00		\$0.00
h) One 20Amps/120v/ 3 Phase breaker; including all necessary appurtenances for power to gates. Approx one unit.	1	EA	\$218.00	\$218.00	\$75.00	\$75.00		\$0.00		\$0.00		\$0.00		\$0.00
i) One 20Amps/120v/1 Phase breaker; including all the necessary appurtenances for spare. Approx 1 unit.	1	EA	\$58.00	\$58.00	\$25.00	\$25.00		\$0.00		\$0.00		\$0.00		\$0.00

Project - 11368 POWER SERVICES FOR TEMPORARY FIRE STATION #49				Estimate:				Ad Date:							
Bid D: January 21, 2009				Paragon Electric Contractors, Inc.		Wilson O'Brien Electric, Inc., Ft. La		BIDDER 9		BIDDER 10		BIDDER 11		BIDDER 12	
Item	Quantity	Unit	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	
6	1	EA	\$893.00	\$893.00	\$1,750.00	\$1,750.00		\$0.00		\$0.00		\$0.00		\$0.00	
7	1	EA	\$540.00	\$540.00	\$2,500.00	\$2,500.00		\$0.00		\$0.00		\$0.00		\$0.00	
8						\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	
a)	70	L.F.	\$0.00	\$0.00	\$20.00	\$1,400.00		\$0.00		\$0.00		\$0.00		\$0.00	
b)	15	L.F.	\$86.26	\$1,293.90	\$50.00	\$750.00		\$0.00		\$0.00		\$0.00		\$0.00	
c)	80	L.F.	\$18.55	\$1,484.00	\$22.50	\$1,800.00		\$0.00		\$0.00		\$0.00		\$0.00	
d)	120	L.F.	\$25.18	\$3,021.60	\$5.00	\$600.00		\$0.00		\$0.00		\$0.00		\$0.00	
e)	40	L.F.	\$17.65	\$706.00	\$10.00	\$400.00		\$0.00		\$0.00		\$0.00		\$0.00	
f)	90	L.F.	\$25.85	\$2,326.50	\$6.00	\$540.00		\$0.00		\$0.00		\$0.00		\$0.00	
g)	90	L.F.	\$9.92	\$892.80	\$10.00	\$900.00		\$0.00		\$0.00		\$0.00		\$0.00	
h)	150	L.F.	\$13.80	\$2,070.00	\$20.00	\$3,000.00		\$0.00		\$0.00		\$0.00		\$0.00	
i)	30	L.F.	\$44.20	\$1,326.00	\$20.00	\$600.00		\$0.00		\$0.00		\$0.00		\$0.00	
j)	100	L.F.	\$7.10	\$710.00	\$10.00	\$1,000.00		\$0.00		\$0.00		\$0.00		\$0.00	
k)	1	EA	\$261.00	\$261.00	\$200.00	\$200.00		\$0.00		\$0.00		\$0.00		\$0.00	

Engineering Bid Form - Agenda

To: City Manager's Office

Bid Date:

1/21/2009

Project/Improvement:

Project - 11368 POWER SERVICES FOR TEMPORARY FIRE STATION #49

Tabulation

	<u>Contractors</u>	<u>Bid</u>	<u>Low Bid</u>	<u>Plus Contingency</u>
*N	Wilson O'Brien Electric, Inc., Ft. Lauderdale, FL	\$86,478.00		
*N	Paragon Electric Contractors, Inc., Plantation, FL	\$77,350.71		
*N	Advanced Modular Structures, Inc., Pompano Beach, FL	\$71,588.03		
*N	Fisk Electric Co., Miami, FL	\$71,158.18		
*N	Mills Electric Service, Inc., Pompano Beach, FL	\$70,538.00		
*N	Intercounty Engineering, Inc., Pompano Beach, FL	\$66,719.00		
*N	Almor Electric & Design, Inc. Plantation, FL	\$65,302.45	Irregular	
*N	<u>Electrical Contracting Service, Inc., Hialeah, FL</u>		\$66,437.50	\$6,643.75
Other Costs:	Engineering		\$11,294.38	\$1,129.44
	TOTAL		\$77,731.88	\$85,505.06

Engineer's Pre- Bid Estimate/Date:

\$80,000.00

12/30/08

Funding

Project:

\$0.00

Transfer:(1)

Transfer From:

Transfer To:

Total Transfers:

\$0.00

\$0.00

Total Funding:

\$0.00

Recommended Action:

Remarks:

City Engineer

Signature Date

01/00/00

*Minority Business Form

MBE = Minority Business Enterprise

WBE = Woman Business Enterprise

N = Neither MBE or WBE

NONE = No Form Turned In

BID DATE:

1/21/2009

YES

NO

Excluded Parties List System (EPLS) verified.