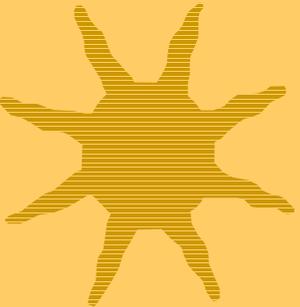


“Push-button Maintenance”

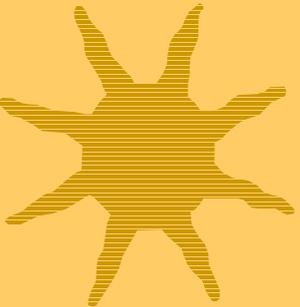
Does it really only require “pushing a button”?



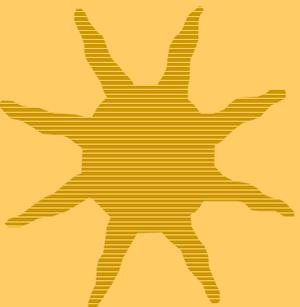
Florida's Telemetered Traffic Monitoring System has grown



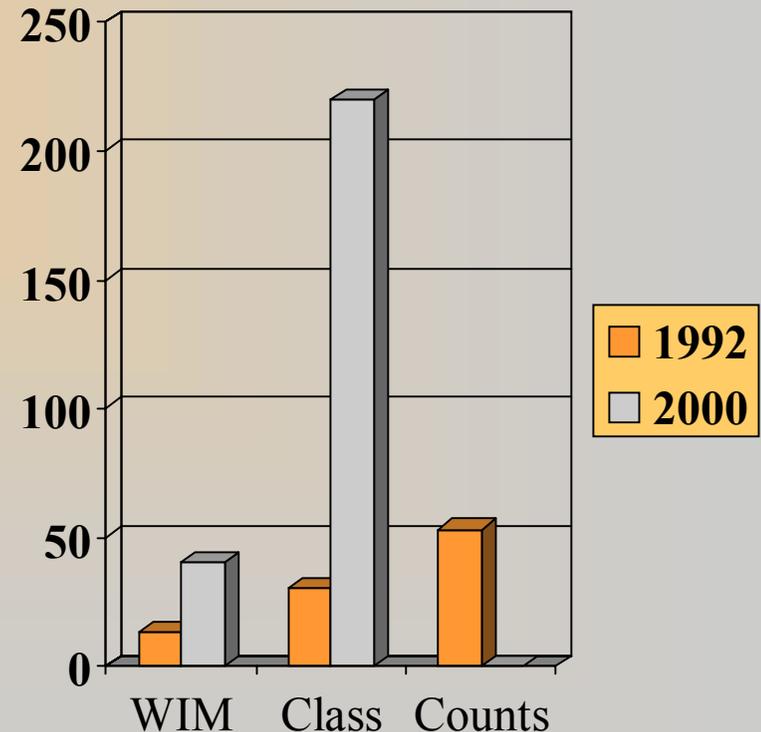
★ Total of approximately 100 TTMSs in 1992



★ This number has grown to 300 since that time

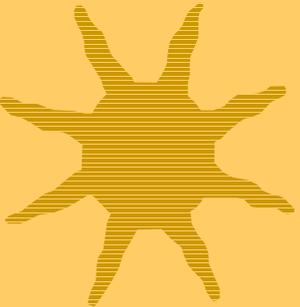


★ Today we poll approximately 260 TTMSs daily

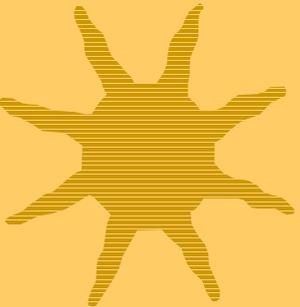




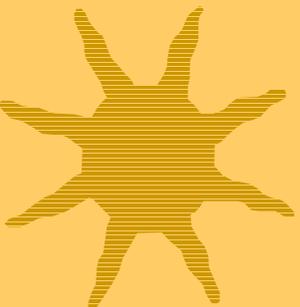
Florida's Contract Maintenance is increasing yearly.



★ Our first maintenance contract was issued in April of 1995 and was in force for approximately 30 months.



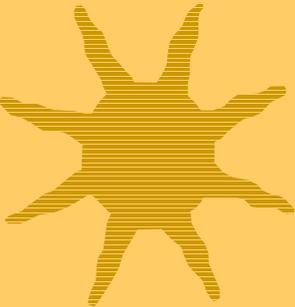
★ Our second maintenance contract was issued in September of 1997. It too was for approximately 30 months.



We issued our third maintenance contract in April of this year.

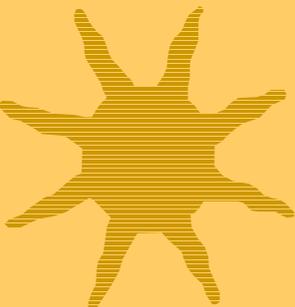


Our Contractual Services Procedure allows two methods for contracting for this type of services –



★ “Request for Proposals”

- Award is based on a combination of price and proposal grade.



★ “Invitation to Bid”

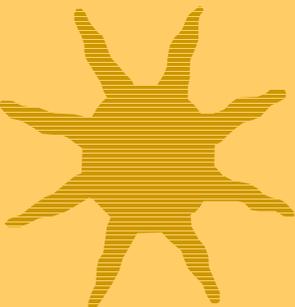
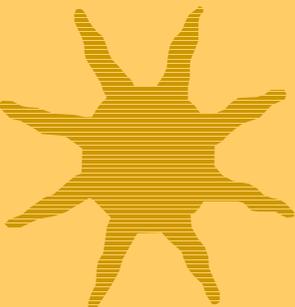
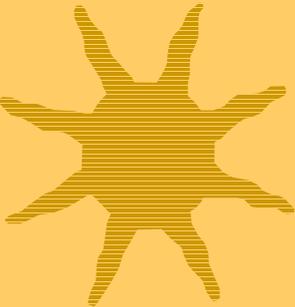
- Award is based strictly on price.



We selected “RFP” as the preferred process for these services.



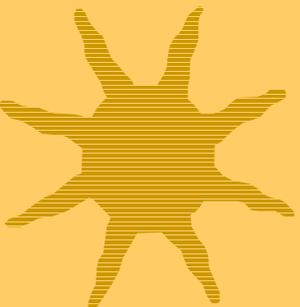
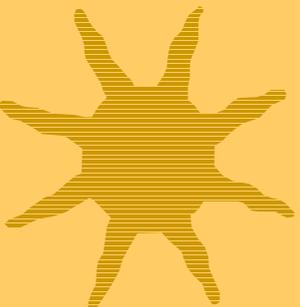
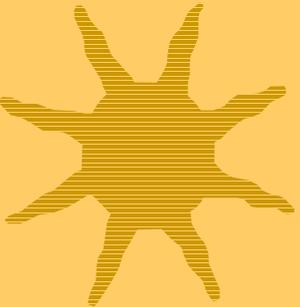
Prepare a Scope of Services



- ★ Include all potential tasks to be accomplished
- ★ Itemize the work that may be required
- ★ Use references to standard documents, such as
 - Road and Bridge Specifications
 - Standard Indexes
 - Utility Accommodations Manual
- ★ Include all detailed instructions
- ★ Include any installation manuals available



Advertise



- ★ Our RFPs are advertised on the Internet. The entire package is available in PDF format. It may be downloaded without charge. All necessary forms and instructions for submittal are included.

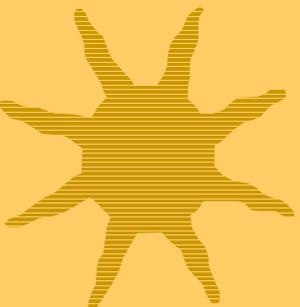
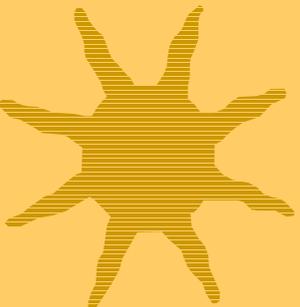
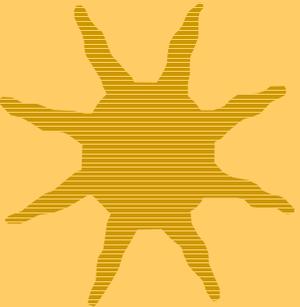


Proposals must include -

★ A “Technical Proposal”

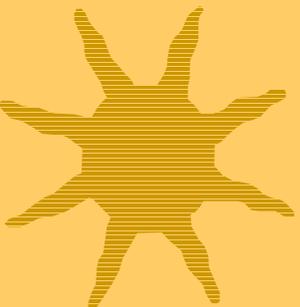
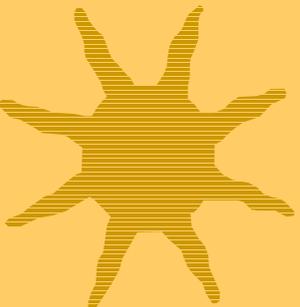
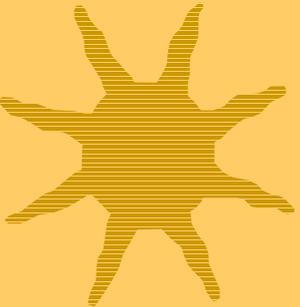
and

★ A “Price Proposal”





The Technical Proposal must include -

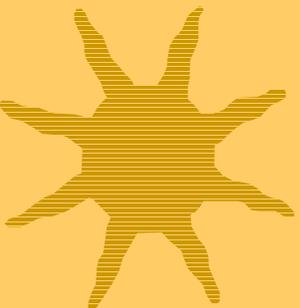
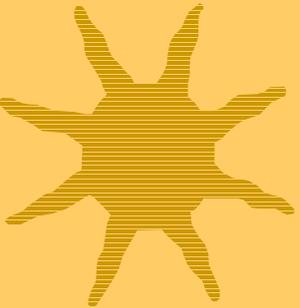
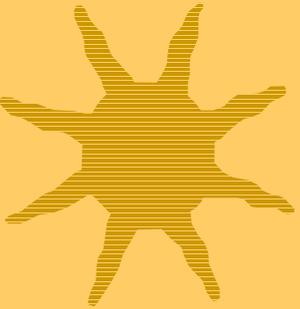


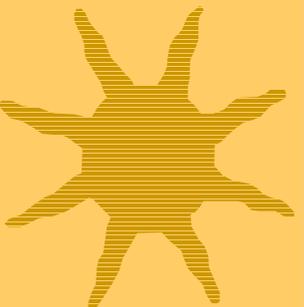
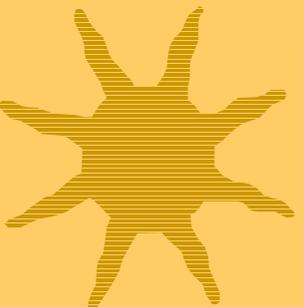
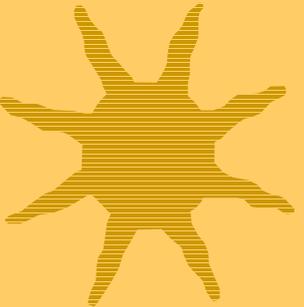
- ★ An Executive Summary, which is “to be written in non-technical language to summarize the Proposer’s overall capabilities and approaches for accomplishing the services specified,”
- ★ The Proposer’s Management Plan “which describes administration, management and key personnel,”
- ★ The Proposer’s Technical Plan “which explains technical approach and facility capabilities.”



The Price Proposal -

- ★ The Price Proposal consists of a form that lists an anticipated quantity of each Pay Item described in the scope.
- ★ The Price Proposal includes the following instruction -



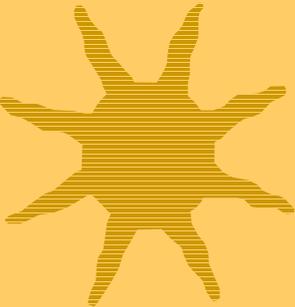


“All items must be bid. Bids must be entered on the enclosed form entitled Form B, Bid Price Proposal for Described Work and summarized in the space provided. (Quantities) are intended as models and are used for bid price analysis only. The Department does not guarantee any maximum or minimum quantity, range of quantities or the exact quantities shown for each/any bid item. (They) will be used to calculate the total bid amount . . . and (the prices bid will) establish the item prices for the contract issued.”



Proposals are graded as follows

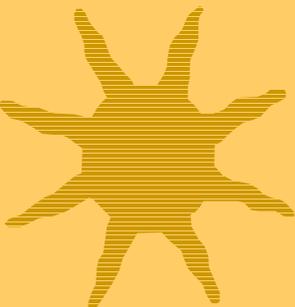
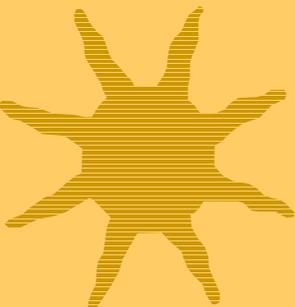
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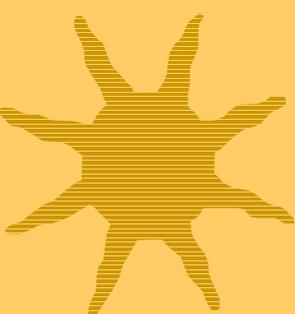
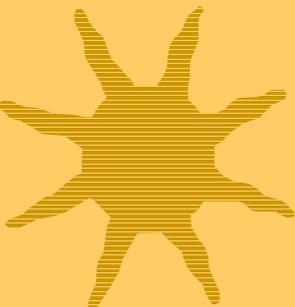
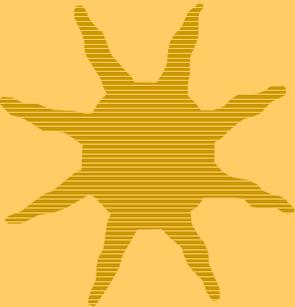


★ Technical Proposal 100 points

★ Price Proposal 100 points

★ Diversity Achievement 22 points



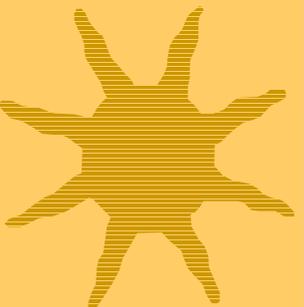
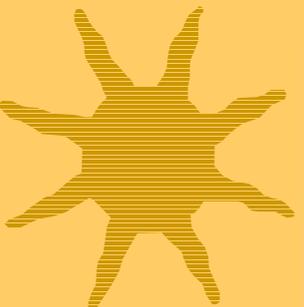
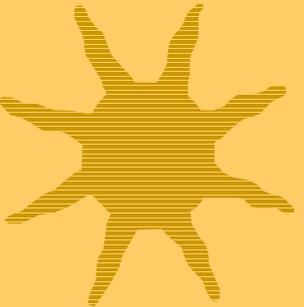


Technical Proposal

100 points

1. Executive Summary 15 points
2. Management Plan 25 points
3. Technical Plan 30 points
4. Work Plan 30 points

The Technical Proposal must receive a score of at least 70 for the Price Proposal to be considered.

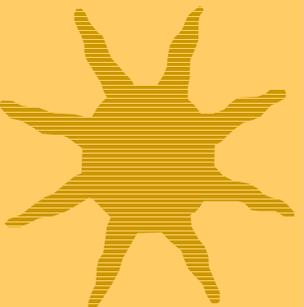
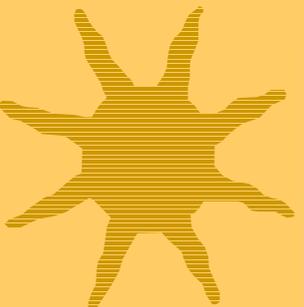
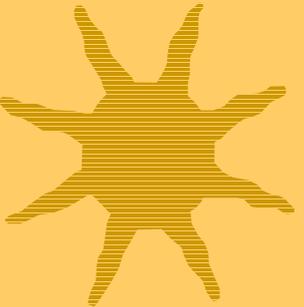


Price Proposal

100 points

The criteria for price evaluation is based on the following formula:

$$\text{(Low price/Proposer's price)} \times \text{Price Points} = \text{Proposer's awarded points}$$



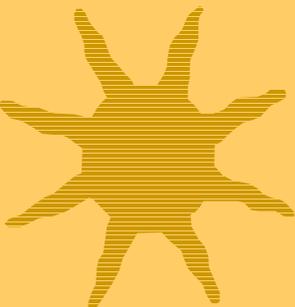
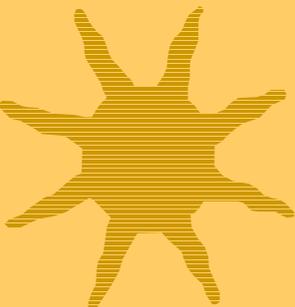
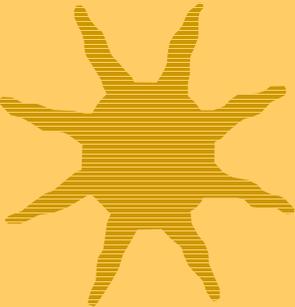
Diversity Achievement

22 points

Diversity Achievement points are awarded to Certified Minority Business Enterprises, or Proposers using CMBEs as subcontractors.



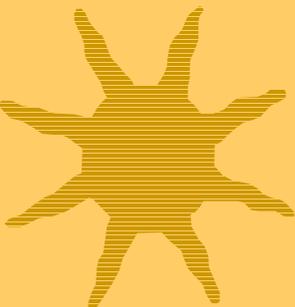
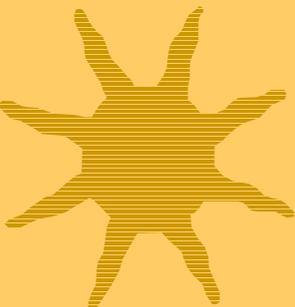
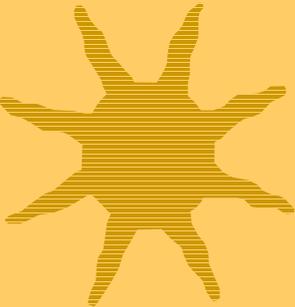
Work Assignments



- ★ Made by issuance of Task Work Orders
 - Specifies the site to be serviced
 - The work to be performed
 - The estimated costs to be incurred

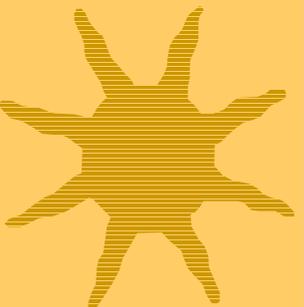
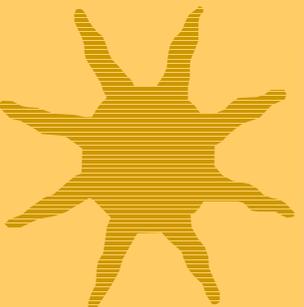
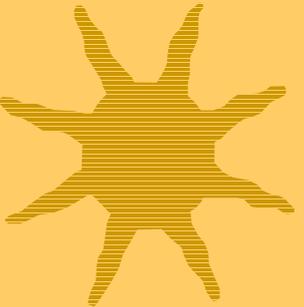


Our Task Work Orders are 1-page Excel Worksheets



Work Order Number: _____ **WORK ORDER** _____ TTMS Site #: _____ Date: _____
 Contract Number: _____ CoSec: _____ MP: _____
 Location: _____

Quantity Estimated	Item Number	Unit Quantities	Item Description	Unit Price	Estimated Cost	Quantity Used	Actual Cost
	A101 1 1(L1)	1.0 Location	Mobilization for Level 1	\$	\$		\$
	A101 1 1(L2)	1.0 Location	Mobilization for Level 2	\$	\$		\$
	A101 1 1(L3)	1.0 Location	Mobilization for Level 3	\$	\$		\$
	A102 1 3(L1)	1.0 Location	Maintenance of Traffic for Level 1	\$	\$		\$
	A102 1 3(L2)	1.0 Location	Maintenance of Traffic for Level 2	\$	\$		\$
	A102 76	Each/Day	Advance Warning Arrow Boards	\$	\$		\$
	A102 88 2	Each/Day	Variable Message Board	\$	\$		\$
	A102 97	Each/Day	Attenuator Vehicle	\$	\$		\$
	A102 10	Each/Day	Off-duty Law Enforcement Officer	\$	\$		\$
	A620 1 1	Per Linear Foot	Grounding Electrode (F&I)	\$	\$		\$
	A630 X	Per Linear Foot	Trenching for Placing Conduits	\$	\$		\$
	A715 2 32X	Per Linear Foot	Conduits, PVC, In Place, In Open Trench or Casing	\$	\$		\$
	A715 2 325	Per Linear Foot	Conduits, IMC (2"). In Place In Open Trench or Casing	\$	\$		\$
	A715 2 21X	Per Linear Foot	Conduits, One 2" PVC Placed by Directional Boring	\$	\$		\$
	A635 1 11	Each	Pull Boxes (F&I)	\$	\$		\$
	A641 14 38	Each	Modified Type N-III Concrete Strain Pole (F&I)	\$	\$		\$
	A660 2 102(1)	Hour	Lead Technician	\$	\$		\$
	A660 2 102(2)	Hour	Assistant Technician	\$	\$		\$
	A102 30X	Each Day	Calibration Vehicle, 3 Axle Vehicle, Loaded	\$	\$		\$
	A102 50X	Each Day	Calibration Vehicle, 5 Axle Vehicle, Loaded	\$	\$		\$
	A660 2 102	Each	Loop Assembly (Type B) (F&I)	\$	\$		\$
	A660 4 4	Per Linear Foot	Multi-conductor Loop Homerun Cable (F&I)	\$	\$		\$
	A661 70 111A	Each	AMP Series BL Class II Piezo Axle Sensor	\$	\$		\$
	A661 70 011A	Each	AMP Series BL Class I or II Piezo Axle Sensor (Install Only)	\$	\$		\$
	A661 70 101	Each	Phillips Class I Piezo Axle Sensor (F&I)	\$	\$		\$
	A661 70 102	Each	PAT Class I Piezo Axle Sensor (F&I)	\$	\$		\$
	A661 70 103	Each	AMP Series BL Class I Piezo Axle Sensor (F&I)	\$	\$		\$
	A660R	Each Lane	Reseal Loops and/or Piezo Axle Sensors	\$	\$		\$
	A664 70 12SP	Each	50 Watt, Solar Panel Only (F&I, existing pole)	\$	\$		\$
	A664 70 12B	Each	100 AH Battery Only (F&I in existing)	\$	\$		\$
	A664 70 12VR	Each	Voltage Regulator Only	\$	\$		\$
	A664 70 12C	Each	50 Watt	\$	\$		\$
		Each					



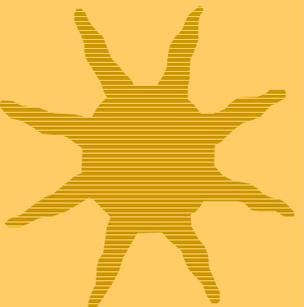
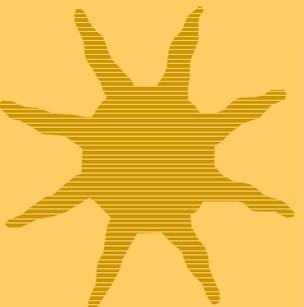
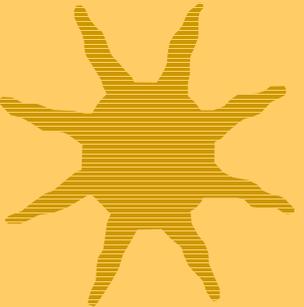
			... cabinet)	\$	\$		\$
			... (F&I in existing cabinet)	\$	\$		\$
			... at, Solar Power Unit Complete (F&I)	\$	\$		\$
	A750 711 1 0		Lightning Suppression, Backplane Assy (F&I)	\$	\$		\$
	A750 711 1 2(R)	Each	Lightning Rod (F&I)	\$	\$		\$
	A668 14(CB)	Each	Type IV Detector Cabinet and Concrete Base (F&I)	\$	\$		\$
	A668 14(WO)	Each	Type IV Detector Cabinet without Base (F&I)	\$	\$		\$
	A668 13(WO)	Each	Type III Detector Cabinet without Base (F&I)	\$	\$		\$
	A668 13(WP)	Each	Type III Detector Cabinet with Pedestal (F&I)	\$	\$		\$
	A400 1 15	Each	Concrete Cabinet Base (F&I, Class I Concrete)	\$	\$		\$
	A690 30	Each	Pole Removal (Remove & Dispose)	\$	\$		\$
	A690 111	Each	Piezoelectric Axle Sensor Removal (R&D)	\$	\$		\$
	A690 100	Each	Removal of Miscellaneous Equipment	\$	\$		\$
	ADR3010-8L/8P	Each	ADR 3000 Traf. Counter/Classifier (4 Lane) (F&I)	\$	\$		\$
	ADR3010-8Ln/RTMS	Each	ADR 3000 Traf. Counter/Classifier (8 Lane RTMS) (F&I)	\$	\$		\$
	ADR1000-8L/4P	Each	Model ADR 1000 Traffic Counter/Classifier (4 Lane) (F&I)	\$	\$		\$
	ATCPh-12L/6P	Each	Phoenix Traffic Counter/Classifier (6 Lane) (F&I)	\$	\$		\$
	WIM6LnBPST	Each	PAT Electronic WIM Unit/Bending Plate (F&I)	\$	\$		\$
	WIM6LnPAST	Each	PAT Electronic WIM Unit/Piezoelectric Axle Sensor (F&I)	\$	\$		\$
	WIM6LnPASK	Each	Peek Electronic WIM Unit/Piezoelectric Axle Sensor (F&I)	\$	\$		\$
	A683-107(5)	Each	Communications Modem StarComm Model 1442L (F&I)	\$	\$		\$
	A683-107(9)	Each	Cellular Data Transmission Unit (F&I)	\$	\$		\$
	A661 90 1BP	Each	PAT Bending Plate WIM Sensor (F&I)	\$	\$		\$
	A661 91 1BP	Each	PAT Bending Plate WIM Sensor (Remove & Install Only)	\$	\$		\$
	EIS RTMS	Each	Non-Intrusive Vehicle Sensor (F&I)	\$	\$		\$
	UNIV-P1CBLE	Each	Universal P1 Cable for Specified Traffic Counter/Classifier	\$	\$		\$
	UNIV-J1RECP	Each	Universal J1 Cable for Specified Traffic Counter/Classifier	\$	\$		\$
	UNFOWO	Each	Unforeseeable Work (Lump Sum)	\$	\$		\$
TOTAL PRICE THIS WORK ORDER					\$		\$

TWO Prepared By: _____ (signature) _____ (date)

TWO Authorized By: _____ (signature) _____ (date)

Work Accepted By: _____ (signature) _____ (date)

Payment Authorized By: _____ (signature) _____ (date)

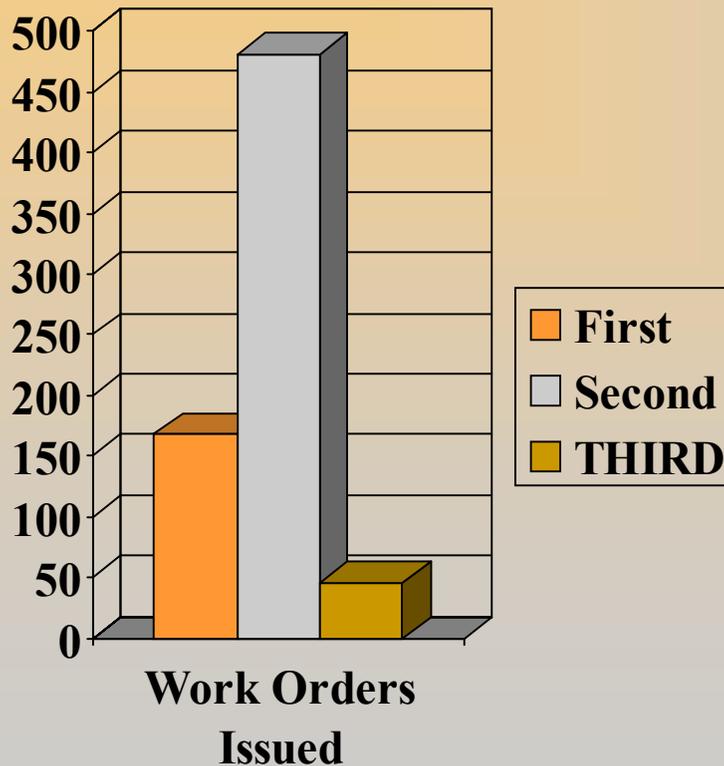


The Task Work Order is issued based on “best knowledge available at the time of issuance.”

Adjustments may be made upon the contractor’s inspection of the site at the discretion of the Department. Should adjustments be made, compensation will be recalculated.

Adjustments resulting in cost changes up to \$500 may be authorized verbally. Amounts greater than this must be approved in writing by the Department prior to the work being performed.

Work Orders Issued Under Each Contract



★ First = 168

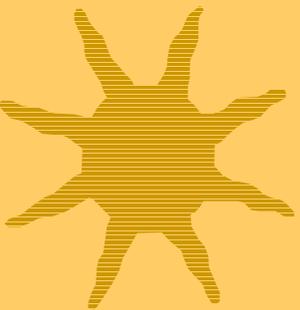
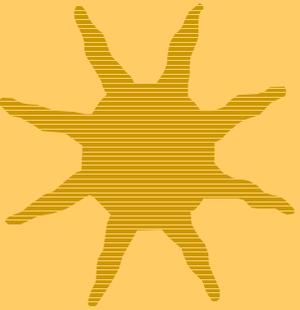
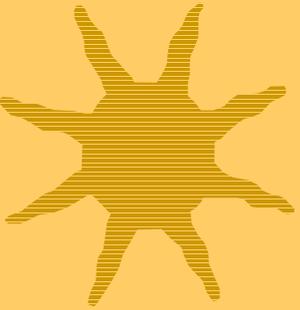
★ Second = 481

★ Third = 46 issued in first three months of contract





Typical telemetry traffic monitoring site





Mulder's backyard

