

**PARTICIPATING ADDENDUM
WESTERN STATES CONTRACTING ALLIANCE
RADIO EQUIPMENT – PUBLIC SAFETY COMMUNICATIONS
Contract # 02702**

1. Scope: All eligible purchasers within the State of Arkansas including local public procurement units are authorized to purchase products and services under the terms and conditions of this price agreement.

2. Changes: Changes to the terms and conditions of the contract are as follows:

In addition to any reporting required in the WSCA contract, vendor agree to provide a quarterly report to the Arkansas Primary Contact within 30 days following the quarter being reported. Reports will include the following data:

A) Product Report – The quarterly report will include the Sold to Name (State of Arkansas Agency), Bill to Name, Order Number, Invoice Number, Product Purchased, Unit Price and Extended Price.

A Procuring Agency shall determine whether all Products delivered to it meet the Contractor's published specifications. No payment shall be made for any Products or Services until the Products or Services have been accepted by the Procuring Agency. Unless otherwise agreed upon between the Procuring Agency and the Contractor, within thirty (30) days from the date of the invoice, the Procuring Agency shall accept or reject the products or services.

Payments shall be submitted to the contractor at the address shown on the invoice. Payments shall be tendered to the contractor within thirty (30) days of the date of invoice. After the sixtieth (60) day from the date of the invoice unless mutually agreed to, interest shall be paid on the unpaid balance due to the contractor at the rate of one half of one percent per month in accordance with Arkansas Code Annotated §19-11-224. The Procuring Agency shall make a good-faith effort to pay within thirty (30) days after date of invoice.

Records relevant to Purchasing Entity transactions shall be subject to examinations by appropriate government authorities for a period of five (5) years from the date of acceptance of the purchase order.

3. Primary Contact: The primary government contact individual for this participating addendum is as follows:

Jenny Foshee
Office of State Procurement
1509 West 7th Street, Room 300
Little Rock, AR 72201-4222
Telephone: (501) 324-9321
Fax: (501) 324-9311
E-mail: jenny.foshee@dfa.state.ar.us

The primary contractor contact for this participating addendum is as follows:

LARRY GRIMES
2033 W. McDERMOTT, SUITE 320/259
ALLEN, TX 75013
PH. 972-517-0610
FAX 972-517-0619
4. Subcontractors: None
MOBILE 972-672-6283
larry.grimes@radiacorp.com

This Addendum and the Price Agreement together with its exhibits, set forth the entire agreement between the parties with respect to the subject matter of all previous communications, representations or agreements, whether oral or written, with respect to the subject matter hereof. Terms and conditions inconsistent with, contrary or in addition to the terms and conditions of this Addendum and the Price Agreement, together with its exhibits, shall not be added to or incorporated into this Addendum or the Price Agreement and its exhibits, by any subsequent purchase order or otherwise, and any such attempts to add or incorporate such terms and conditions are hereby rejected. The terms and conditions of this Addendum and the Price Agreement and its exhibits shall prevail and govern in the case of any such inconsistent or additional terms.

IN WITNESS WHEREOF, the parties have executed this Addendum as of the date of execution by both parties below.

Government Entity: State of Arkansas
By: Robin Rogers
Name: _____
Title: Interim Director
Date: 3/18/08

Contractor: Roth Products
By: C. Adams
Name: _____
Title: National Sales Mgr
Date: 3/17/8

Lead State: State of Washington

Christine Warnock
Christine Warnock, Purchasing Agent

Date: 3/28/08

Radian Communication Services Inc**CONTRACTOR INFORMATION**

Contractor: Radian Communication Services, Inc
Page number <http://www.ga.wa.gov/pca/bids/02702-Phase2-Category6.doc>
Contact: Larry Grimes **Alternate Contact:** Craig Ahlstrom
Phone: (972) 669-5177 309 633-5607
Fax: (972) 672-6283 309 633-2693
Cell Phone 309 453-5022
Email: Larry.grimes@radiancorp.com craig.ahlstrom@radiancorp.com
Alternate Contact:
Phone:
Fax:
Email:
Internet address: <http://www.radiancorp.com/>
Web catalog address: <http://www.radiancorp.com/>
Federal ID No.: 51-0273912
Supplier No.: 111924
Total Contract worth: \$500,000,000.00
Payment address: Radian **Order placement address:** Radian
 PO Box 17322 22125 17th Ave SE #117
 Denver, CO 80217 Bothell, WA 98021
Customer Service: Pat Healey
Telephone: 425-398-5556
Fax: 425-398-2566
Ordering procedures: See the next pages
Credit card acceptance: None
Minimum orders:
Delivery time: 45 days After Receipt of Order (ARO)
Payment terms: 0% 30 days
Shipping destination: Freight on Board (FOB) destination
Freight: Prepaid and included
Palletization: N/A
Category Category 6 Communication Towers
Equipment Line items Radian Products 20% off list price
 Rohn Products 40% off list price
Link to bid Specifications <http://www.ga.wa.gov/pca/bids/02702-Phase2-Category6.doc>
Link to Price Sheets

REV F SPECIFICATIONS
3-LEGGED TRIANGULAR SELF SUPPORT TOWERS Page 140
REV F SPECIFICATIONS
GUYED TOWERS Page 140

Engineering Hourly Rate \$100.00 per hour
Manufacturing Hourly Rate \$70.00 per hour
Field Installation Hourly Rate \$65.00 per hour
Material at cost + 15%
Awarded Phase(s) Phase I & II

Radian Communication Services Inc**Category 6 Communication Towers****SPECIAL TERMS AND CONDITIONS****1. MATERIALS AND WORKMANSHIP**

The Contractor shall be required to furnish all materials, equipment and/or services necessary to perform contractual requirements. Materials and workmanship in the construction of equipment for this contract shall conform to all codes, regulations and requirements for such equipment, specifications contained herein, and the normal uses for which intended. Materials shall be manufactured in accordance with the best commercial practices and standards for this type of equipment. Materials used in the production of any tower must be new.

2. WARRANTY(IES)

All materials provided shall be guaranteed by the contractor against mechanical, electrical and workmanship defects. In the event defects become evident within the warranty period, the contractor shall furnish replacement parts and materials at no additional cost to the state. The warranty period shall commence with the date of the communications tower's acceptance and remain in effect for one (1) calendar year, except for expendable items.

The contractor shall provide, within the warranty period and at the bid price, the necessary parts, labor and transportation to maintain the equipment in sufficient state of repair to continue system performance in compliance with the specification contained herein. The contractor shall provide qualified personnel, replacement parts and material to service the equipment at the installed site location within eight (8) hours after the notification of equipment failure. Repairs must be complete within 48 hour.

This warranty period maintenance shall be on a working hour basis as follows: 24 hours per day, 7 days per week.

3. Due to the federal guidelines for microwave towers, the contract has included REV G specifications to adapt to WSCA States who adopt the federal regulations regarding microwave towers and monopoles.

Radian Communication Services Inc – Phase II**REV F SPECIFICATIONS****3-LEGGED TRIANGULAR SELF SUPPORT TOWERS**

Tower in 20 ft Section, top down	Mfg stock number	Tower Costs Material & Freight Only	Climbing Ladder & Anti-Climb Device Material & Labor	Obstruction Lighting System Medium Intensity Material & Labor	Soils Report Costs	Grounding of Tower Base & WG Ladder	Tower Installation Costs Labor Only	Standard Safety Climb Cable Device includes harness, sleeve + Top & Bottom Stops + Install Labor	Rose Safety Climb Rail Device includes sleeve + Top & Bottom Stops + Install Labor	Total \$
Line Item										
1. 20 ft	RS70	\$9,935.00	\$1,161.00	\$0.00	\$3,450.00	INCLUDED	\$2,440.00	\$302.00	\$394.00	\$17,682.00
2. 40 ft	RS70	\$11,850.00	\$1,464.00	\$0.00	\$3,450.00	INCLUDED	\$3,393.00	\$268.00	\$426.00	\$20,851.00
3. 60 ft	RS70	\$13,110.00	\$1,822.00	\$0.00	\$3,450.00	INCLUDED	\$3,813.00	\$455.00	\$692.00	\$23,342.00
4. 80 ft	RS70	\$15,306.00	\$2,140.00	\$0.00	\$3,450.00	INCLUDED	\$5,408.00	\$294.00	\$620.00	\$27,218.00
5. 100 ft	RS70	\$18,444.00	\$2,483.00	\$0.00	\$3,450.00	INCLUDED	\$6,674.00	\$600.00	\$976.00	\$32,627.00
6. 120 ft	RS70	\$21,695.00	\$2,815.00	\$0.00	\$3,450.00	INCLUDED	\$9,989.00	\$325.00	\$794.00	\$39,068.00
7. 140 ft	RS70	\$24,892.00	\$3,144.00	\$0.00	\$3,450.00	INCLUDED	\$12,597.00	\$749.00	\$1,287.00	\$46,119.00
8. 160 ft	RS70	\$30,077.00	\$3,576.00	\$0.00	\$3,450.00	INCLUDED	\$16,886.00	\$359.00	\$887.00	\$55,235.00
9. 180 ft	RS70	\$34,290.00	\$3,805.00	\$0.00	\$3,450.00	INCLUDED	\$18,513.00	\$898.00	\$1,584.00	\$62,540.00
10. 200 ft	RS70	\$42,998.00	\$4,175.00	\$0.00	\$3,450.00	INCLUDED	\$22,079.00	\$388.00	\$1,126.00	\$74,216.00
11. 220 ft	RS70	\$47,799.00	\$4,317.00	\$3,889.00	\$3,450.00	INCLUDED	\$25,735.00	\$929.00	\$1,765.00	\$87,884.00
12. 240 ft	RS75	\$66,113.00	\$4,626.00	\$3,944.00	\$3,450.00	INCLUDED	\$30,887.00	\$421.00	\$1,334.00	\$110,775.00
13. 260 ft	RS75	\$76,334.00	\$4,896.00	\$3,993.00	\$3,450.00	INCLUDED	\$32,817.00	\$1,077.00	\$2,056.00	\$124,623.00
14. 280 ft	RS75	\$95,144.00	\$5,303.00	\$4,060.00	\$3,450.00	INCLUDED	\$37,024.00	\$447.00	\$1,527.00	\$146,955.00
15. 300 ft	RS75	\$102,712.00	\$5,595.00	\$4,090.00	\$3,450.00	INCLUDED	\$39,390.00	\$1,226.00	\$2,355.00	\$158,818.00

Radian Communication Services Inc – Phase II

REV F SPECIFICATIONS

GUYED TOWERS

Tower in 20 ft Section, top down	Mfg stock number	Tower Costs Material & Freight Only	Climbing Ladder & Anti-Climb Device Material & Labor	Obstruction Lighting System Medium Intensity Material & Labor	Soils Report Costs	Grounding of Tower Base & WG Ladder	Tower Installation Costs Labor Only	Standard Safety Climb Cable Device includes harness, sleeve + Top & Bottom Stops + Install Labor	Rose Safety Climb Rail Device includes sleeve + Top & Bottom Stops + Install Labor	Total \$
Line Item										
1. 20 ft	RG33	\$10,684.00	\$1,515.00	\$0.00	\$3,910.00	INCLUDED	\$1,470.00	\$302.00	\$297.00	\$18,178.00
2. 40 ft	RG33	\$12,011.00	\$1,515.00	\$0.00	\$3,910.00	INCLUDED	\$3,184.00	\$250.00	\$388.00	\$21,258.00
3. 60 ft	RG33	\$13,220.00	\$1,515.00	\$0.00	\$3,910.00	INCLUDED	\$4,082.00	\$451.00	\$692.00	\$23,870.00
4. 80 ft	RG33	\$15,142.00	\$1,515.00	\$0.00	\$3,910.00	INCLUDED	\$5,187.00	\$532.00	\$849.00	\$27,135.00
5. 100 ft	RG33	\$16,430.00	\$1,515.00	\$0.00	\$3,910.00	INCLUDED	\$6,365.00	\$600.00	\$989.00	\$29,809.00
6. 120 ft	RG33	\$18,634.00	\$1,515.00	\$0.00	\$3,910.00	INCLUDED	\$6,765.00	\$668.00	\$1,148.00	\$32,640.00
7. 140 ft	RG33	\$21,157.00	\$1,515.00	\$0.00	\$3,910.00	INCLUDED	\$7,084.00	\$751.00	\$1,287.00	\$35,704.00
8. 160 ft	RG33	\$23,078.00	\$1,515.00	\$0.00	\$3,910.00	INCLUDED	\$8,577.00	\$838.00	\$1,474.00	\$39,392.00
9. 180 ft	RG33	\$24,699.00	\$1,515.00	\$0.00	\$3,910.00	INCLUDED	\$9,861.00	\$898.00	\$1,584.00	\$42,467.00
10. 200 ft	RG33	\$26,573.00	\$1,515.00	\$0.00	\$3,910.00	INCLUDED	\$11,873.00	\$921.00	\$1,689.00	\$46,481.00
11. 220 ft	RG33	\$28,372.00	\$1,515.00	\$3,889.00	\$3,910.00	INCLUDED	\$11,093.00	\$929.00	\$1,765.00	\$51,473.00
12. 240 ft	RG33	\$32,441.00	\$1,515.00	\$3,944.00	\$3,910.00	INCLUDED	\$13,534.00	\$1,005.00	\$1,920.00	\$58,269.00
13. 260 ft	RG33	\$37,528.00	\$1,515.00	\$3,993.00	\$3,910.00	INCLUDED	\$14,525.00	\$1,077.00	\$2,056.00	\$64,604.00
14. 280 ft	RG33	\$42,041.00	\$1,515.00	\$4,060.00	\$3,910.00	INCLUDED	\$15,367.00	\$1,168.00	\$2,248.00	\$70,309.00
15. 300 ft	RG33	\$45,449.00	\$1,515.00	\$4,090.00	\$3,910.00	INCLUDED	\$16,136.00	\$1,226.00	\$2,355.00	\$74,681.00

2.6.6.2 Topographic Categories

The topographic category for a structure shall be assessed as being one of the following:

1. **Category 1:** No abrupt changes in general topography, e.g. flat or rolling terrain, no wind speed-up consideration shall be required.
2. **Category 2:** Structures located at or near the crest of an escarpment. Wind speed-up shall be considered to occur in all directions. Structures located vertically on the lower half of an escarpment or horizontally beyond 8 times the height of the escarpment from its crest, shall be permitted to be considered as Topographic Category 1.
3. **Category 3:** Structures located in the upper half of a hill. Wind speed-up shall be considered to occur in all directions. Structures located vertically on the lower half of a hill shall be permitted to be considered as Topographic Category 1.
4. **Category 4:** Structures located in the upper half of a ridge. Wind speed-up shall be considered to occur in all directions. Structures located vertically on the lower half of a ridge shall be permitted to be considered as Topographic Category 1.

2.6.5 Exposure Categories

1. **Exposure B:** Urban and suburban areas, wooded areas, or other terrain with numerous closely spaced obstructions having the size of single-family dwellings or larger. Use of this exposure shall be limited to those areas for which terrain representative of Exposure B surrounds the structure in all directions for a distance of at least 2,630 ft [800 m] or ten times the height of the structure, whichever is greater.
2. **Exposure C:** Open terrain with scattered obstructions having heights generally less than 30 ft [9.1 m]. This category includes flat, open country, grasslands and shorelines in hurricane prone regions.
3. **Exposure D:** Flat, unobstructed shorelines exposed to wind flowing over open water (excluding shorelines in hurricane prone regions) for a distance of at least 1 mile [1.61 km]. Shorelines in Exposure D include inland waterways, lakes and non-hurricane coastal areas. Exposure D extends inland a distance of 660 ft [200 m] or ten times the height of the structure, whichever is greater. Smooth mud flats, salt flats and other similar terrain shall be considered as Exposure D.

A.2.2 Classification of Structures

The Standard establishes three classifications of structures based on reliability criteria.

The default Structure Classification is Class II.

The following descriptions indicate the appropriate Classification for a new structure based on the type of service to be provided:

Class I: Structures used for services that are optional or where a delay in returning the services would be acceptable such as: residential wireless and conventional 2-way radio communications; television, radio and scanner reception; wireless cable; amateur and CB radio communications.

Class II: Structures used for services that may be provided by other means such as: commercial wireless communications; television and radio broadcasting; cellular, PCS, CATV, and microwave communications.

Class III: Structures used primarily for essential communications such as: civil or national defense; emergency, rescue or disaster operations; military and navigation facilities.



July 2, 2007

Radian
Communication
Services, Inc.

6718 W. Plank Rd.
Peoria, IL 61656
Phone: 309.697.4400
Fax: 309.633.2698

**RADIANT PRICE SHEET TABLE
SOLICITATION FOR NEW PRICING
CONTRACT NO. 02702**

**TITLE: PUBLIC SAFETY COMMUNICATION EQUIPMENT
3 LEGGED HOLLOW ROUND TRIANGULAR SELF SUPPORT TOWERS HEAVY MICROWAVE, 4 LEGGED HOLLOW ROUND SELF
SUPPORT TOWERS HEAVY MICROWAVE
MONOPOLES
CAMERA POLES**

Separate pricing sheet must be submitted for each type of structure

(3) Legged Light Self-Support Towers include (1) waveguide ladder to top, climbing ladder w/ anticlimb and RAM safety climb system, (3) dish mounts, (3) tower top stub mounts, tower lights, work and rest platforms and (1)24"x10' waveguide Bridge in the pricing breakdown as follows:

Tower in 20 ft Section, top down	Mfg stock number	Tower Costs Material & Freight Only	Climbing Ladder & Anti-Climb Device Material & Labor	Obstruction Lighting System Medium Intensity Material & Labor <u>Must be included for all towers heights</u>	Geotechnical Report Costs	Grounding of Tower Base & WG Ladder	Tower Installation Costs Labor Only	Standard Safety Climb Cable Device includes harness, sleeve + Top & Bottom Stops + Install Labor	Rose Safety Climb Rail Device includes sleeve + Top & Bottom Stops + Install Labor <u>*Option*</u>	Total \$
Line Item		\$	\$	\$	\$	\$	\$	\$	\$	\$
1. 20 ft	SSL020	\$11,521	\$865	\$1,770	\$3,450	included	\$15,579	\$980	\$2,142	\$34,165
2. 40 ft	SSL040	\$12,851	\$1,186	\$1,890	\$3,450	included	\$15,579	\$1,370	\$2,431	\$36,326
3. 60 ft	SSL060	\$13,896	\$1,543	\$2,010	\$3,450	included	\$15,579	\$1,854	\$2,719	\$38,332
4. 80 ft	SSL080	\$15,774	\$1,952	\$2,130	\$3,450	included	\$19,441	\$1,946	\$3,214	\$44,693
5. 100 ft	SSL100	\$17,632	\$2,361	\$2,250	\$3,450	included	\$19,441	\$2,038	\$3,502	\$47,172
6. 120 ft	SSL120	\$21,045	\$2,771	\$2,370	\$3,450	included	\$24,591	\$2,130	\$3,893	\$56,357
7. 140 ft	SSL140	\$24,469	\$3,180	\$2,490	\$3,450	included	\$24,591	\$2,222	\$4,388	\$60,402
8. 160 ft	SSL160	\$28,983	\$3,589	\$7,147	\$3,450	included	\$32,316	\$2,314	\$4,882	\$77,799
9. 180 ft	SSL180	\$33,509	\$3,998	\$7,267	\$3,450	included	\$32,316	\$2,406	\$5,274	\$82,946
10. 200 ft	SSL200	\$45,660	\$4,407	\$8,187	\$3,450	included	\$37,466	\$2,498	\$5,562	\$101,668
11. 220 ft	SSL220	\$51,983	\$4,816	\$8,387	\$3,450	included	\$37,466	\$2,591	\$5,953	\$108,693
12. 240 ft	SSL240	\$61,209	\$5,226	\$8,587	\$3,450	included	\$37,466	\$2,683	\$6,448	\$118,621
13. 260 ft	SSL260	\$70,477	\$5,635	\$8,787	\$3,450	included	\$42,616	\$2,775	\$6,839	\$133,740
14. 280 ft	SSL280	\$81,136	\$6,044	\$8,987	\$3,450	included	\$42,616	\$2,867	\$7,231	\$145,100
15. 300 ft	SSL300	\$91,816	\$6,453	\$9,187	\$3,450	included	\$42,616	\$2,959	\$7,622	\$156,481
TOTAL										\$1,242,495

See additional clarifications attached.



July 2, 2007

6718 W. Plank Rd
Peoria, IL 61656
Phone: 309.697.4400
Fax: 309.653.2698

(3) Legged Medium Self Support Towers Self-Support Towers include (1) waveguide ladder to top, climbing ladder w/ anticlimb and RAM safety climb system, (3) dish mounts, (3) tower top stub mounts, tower lights, work and rest platforms and (1)24"x10' waveguide Bridge in the pricing breakdown as follows:

Tower in 20 ft Section, top down Line Item	Mfg stock number	Tower Costs Material & Freight Only	Climbing Ladder & Anti-Climb Device Material & Labor	Obstruction Lighting System Medium Intensity Material & Labor Must be included for all towers heights	Geotechnical Report Costs	Grounding of Tower Base & WG Ladder	Tower Installation Costs Labor Only	Standard Safety Climb Cable Device includes harness, sleeve + Top & Bottom Stops + Install Labor	Rose Safety Climb Rail Device includes sleeve + Top & Bottom Stops + Install Labor *Option*	Total \$
		\$	\$	\$	\$	\$	\$	\$	\$	\$
1. 20 ft	SSM020	\$12,097	\$865	\$1,770	\$3,450	included	\$15,579	\$980	\$7,622	\$34,741
2. 40 ft	SSM040	\$13,867	\$1,134	\$1,890	\$3,450	included	\$15,579	\$1,370	\$2,431	\$37,290
3. 60 ft	SSM060	\$15,607	\$1,543	\$2,010	\$3,450	included	\$15,579	\$1,854	\$2,719	\$40,043
4. 80 ft	SSM080	\$18,868	\$1,952	\$2,130	\$3,450	included	\$19,441	\$1,946	\$3,214	\$47,787
5. 100 ft	SSM100	\$22,109	\$2,361	\$2,250	\$3,450	included	\$19,441	\$2,038	\$3,502	\$51,649
6. 120 ft	SSM120	\$27,429	\$2,770	\$2,370	\$3,450	included	\$24,591	\$2,130	\$3,893	\$62,740
7. 140 ft	SSM140	\$35,836	\$3,180	\$2,490	\$3,450	included	\$24,591	\$2,222	\$4,388	\$71,769
8. 160 ft	SSM160	\$44,152	\$3,589	\$7,147	\$3,450	included	\$32,316	\$2,314	\$4,882	\$92,968
9. 180 ft	SSM180	\$52,480	\$3,998	\$7,267	\$3,450	included	\$32,316	\$2,406	\$5,274	\$101,917
10. 200 ft	SSM200	\$76,768	\$4,198	\$8,187	\$3,450	included	\$37,466	\$2,498	\$5,562	\$132,567
11. 220 ft	SSM220	\$95,141	\$4,398	\$8,387	\$3,450	included	\$37,466	\$2,591	\$5,953	\$151,433
12. 240 ft	SSM240	\$108,853	\$5,017	\$8,587	\$3,450	included	\$42,616	\$2,683	\$6,448	\$171,206
13. 260 ft	SSM260	\$128,684	\$5,635	\$8,787	\$3,450	included	\$45,706	\$2,775	\$6,839	\$195,037
14. 280 ft	SSM280	\$144,152	\$6,044	\$8,987	\$3,450	included	\$45,706	\$2,867	\$7,231	\$211,206
15. 300 ft	SSM300	\$159,642	\$6,453	\$9,187	\$3,450	included	\$48,796	\$2,959	\$7,622	\$230,487
TOTAL										\$1,632,840

See additional clarifications attached.



July 2, 2007

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(3) Legged Heavy Self Support Towers Self-Support Towers include (1) waveguide ladder to top, climbing ladder w/ antclimb and RAM safety climb system, (3) dish mounts, (3) tower top stub mounts, tower lights, work and rest platforms and (1)24"x10' waveguide Bridge in the pricing breakdown as follows:

Tower in 20 ft Section, top down Line Item	Mfg stock number	Tower Costs Material & Freight Only	Climbing Ladder & Anti-Climb Device Material & Labor	Obstruction Lighting System Medium Intensity Material & Labor <u>Must be included for all towers heights</u>	Geotechnical Report Costs	Grounding of Tower Base & WG Ladder	Tower Installation Costs Labor Only	Standard Safety Climb Cable Device includes harness, sleeve + Top & Bottom Stops + Install Labor	Rose Safety Climb Rail Device includes sleeve + Top & Bottom Stops + Install Labor <u>*Option*</u>	Total \$
		\$	\$	\$	\$	\$	\$	\$	\$	\$
1. 20 ft	SSH020	\$12,110	\$865	\$1,770	\$3,450	included	\$15,579	\$980	\$7,622	\$34,754
2. 40 ft	SSH040	\$14,556	\$1,134	\$1,890	\$3,450	included	\$15,579	\$1,370	\$2,431	\$37,979
3. 60 ft	SSH060	\$17,768	\$1,560	\$2,010	\$3,450	included	\$15,579	\$1,854	\$2,719	\$42,221
4. 80 ft	SSH080	\$20,551	\$1,952	\$2,130	\$3,450	included	\$24,591	\$1,946	\$3,214	\$54,620
5. 100 ft	SSH100	\$24,797	\$2,361	\$2,250	\$3,450	included	\$24,591	\$2,038	\$3,502	\$59,487
6. 120 ft	SSH120	\$33,647	\$2,771	\$6,907	\$3,450	included	\$32,316	\$2,130	\$3,893	\$81,221
7. 140 ft	SSH140	\$53,574	\$3,180	\$7,027	\$3,450	included	\$32,316	\$2,232	\$4,388	\$101,779
8. 160 ft	SSH160	\$64,403	\$3,589	\$7,787	\$3,450	included	\$35,406	\$2,319	\$4,882	\$116,954
9. 180 ft	SSH180	\$75,244	\$3,998	\$7,987	\$3,450	included	\$35,406	\$2,406	\$5,274	\$128,491
10. 200 ft	SSH200	\$94,516	\$4,407	\$8,187	\$3,450	included	\$41,586	\$2,498	\$5,562	\$154,644
11. 220 ft	SSH220	\$107,873	\$4,816	\$8,387	\$3,450	included	\$41,586	\$2,591	\$5,953	\$168,703
12. 240 ft	SSH240	\$132,977	\$5,226	\$8,587	\$3,450	included	\$45,706	\$2,683	\$6,448	\$198,629
13. 260 ft	SSH260	\$152,047	\$5,635	\$8,787	\$3,450	included	\$48,796	\$2,775	\$6,839	\$221,490
14. 280 ft	SSH280	\$168,207	\$6,044	\$8,987	\$3,450	included	\$48,796	\$2,867	\$7,231	\$238,351
15. 300 ft	SSH300	\$184,389	\$6,453	\$9,187	\$3,450	included	\$48,796	\$2,959	\$7,622	\$255,234
TOTAL										\$1,894,557

See additional clarifications attached.



Radian
Communication
Services, Inc.

July 2, 2007

6718 W. Plank Rd.
Peoria, IL 61656
Phone: 309.697.4400
Fax: 309.633.2698

**RADIANT PRICE SHEET TABLE
SOLICITATION FOR NEW PRICING
CONTRACT NO. 02702
TITLE: PUBLIC SAFETY COMMUNICATION EQUIPMENT**

Proposal Clarifications:

Radian Communication Services offers the following clarifications to the above pricing spreadsheets:

3 Legged Self Supporting ROHN Towers:

1. Structures are designed in accordance with ANSI/TIA/EIA-222 Rev F (100 mph with ½" concurrent Ice) and ANSI/TIA/EIA-222 Rev. G
2. Mounts included in supply and install, in proposal are (3) each Dish mounts and (3) each 3' tower top stub mounts. Tiebacks assumed standard per Dish manufacturer and based on design azimuth orientations of 0, 120, 240 degrees. Dish Orientation variances from those identified shall be consideration for addition to scope.
3. Lighting systems to be supplied are:
 - a. 0-150' – Red Obstruction Lighting system (LED), Part # LK2AOMLED
 - b. Greater than 150' - Dual Obstruction Lighting system (LED), Part # LK1E1DBSL
4. Freight is prepaid to site via dedicated Carrier.
5. Site(s) is unobstructed with no access restrictions for conventional transport/offload, staging and installation of Tower materials. Special transport/handling in order to deliver to site shall be consideration for addition to scope.
6. Structure painting can be supplied for additional consideration.
7. Temporary/Permanent power for Structure Obstruction Lighting system operation shall be supplied by others.
8. Permits & Taxes excluded.



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July 2, 2007

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PROPOSAL FOR CONTRACT NO. 02702 – Additional Clarifications

Monopoles:

1. Structures are designed in accordance with ANSI/TIA/EIA-222 Rev F (100 mph with ½” concurrent Ice) and ANSI/TIA/EIA-222 Rev. G
2. Mounts for antennas are included in the option pricing as identified for the structure specific loading provided as supplied by customer.
3. Lighting systems to be supplied are: 0-150’ – Red Obstruction Lighting system (LED), Part # LK2AOMLED
4. Freight is prepaid to site via dedicated Carrier.
5. Site(s) is unobstructed with no access restrictions for conventional transport/offload, staging and installation of Pole materials. Special transport/handling in order to deliver to site shall be consideration for addition to scope.
6. Rose Rail Safety Climb system is not applicable for this installation.
7. Anti Climb system is excluded from this installation.
8. Structure painting can be supplied for additional consideration.
9. Temporary/Permanent power for Structure Obstruction Lighting system operation shall be supplied by others.
10. Grouting of pole base can be supplied for additional consideration.
11. Permits & Taxes excluded.



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**RADIANT PRICE SHEET TABLE
SOLICITATION FOR NEW PRICING
CONTRACT NO. 02702
TITLE: PUBLIC SAFETY COMMUNICATION EQUIPMENT
CAMERA POLES
Separate pricing sheet must be submitted for each type of structure**

	Height	Estimated Weight	Pole Material*	Grounding - See Drawing	(1) Single Pipe Chain Dish Mount	Total Price*	Structure
Camera w/ 4' Dish							
Camera/Ground	30	1175	\$4,380.00	\$120.00	\$225.00	\$4,725.00	Q6-060-0681 T14
Camera/Ground	40	1460	\$4,645.00	\$120.00	\$225.00	\$4,990.00	Q6-060-0681 T15
Camera/Ground	50	1875	\$4,960.00	\$120.00	\$225.00	\$5,305.00	Q6-060-0681 T16

*Freight is not included. See below for estimated freight rates.

Pole Material includes: Pole Section, Anchor Bolts/Templates and (2) 5" x 7" handholes.

Grounding and Dish Mounts are priced separately above and included in total price.

Estimated Freight per truckload FOB Peoria, IL to Seattle, WA: \$5,800

Approximately (30) 30' Poles can be shipped together to one site.

Approximately (25) 40' Poles can be shipped together to one site.

Approximately (20) 50' Poles can be shipped together to one site.

Freight Rate is subject to change due to fluctuations in the Market.

Foundation Designs by others

No Step Bolts or Safety devices are included in price.

No Elbow Designs are included in this proposal.

See additional clarifications attached.



**RADIAN PRICE SHEET TABLE
SOLICITATION FOR NEW PRICING
CONTRACT NO. 02702
TITLE: PUBLIC SAFETY COMMUNICATION EQUIPMENT**

Proposal Clarifications:

Radian Communication Services offers the following clarifications to the above pricing spreadsheet:

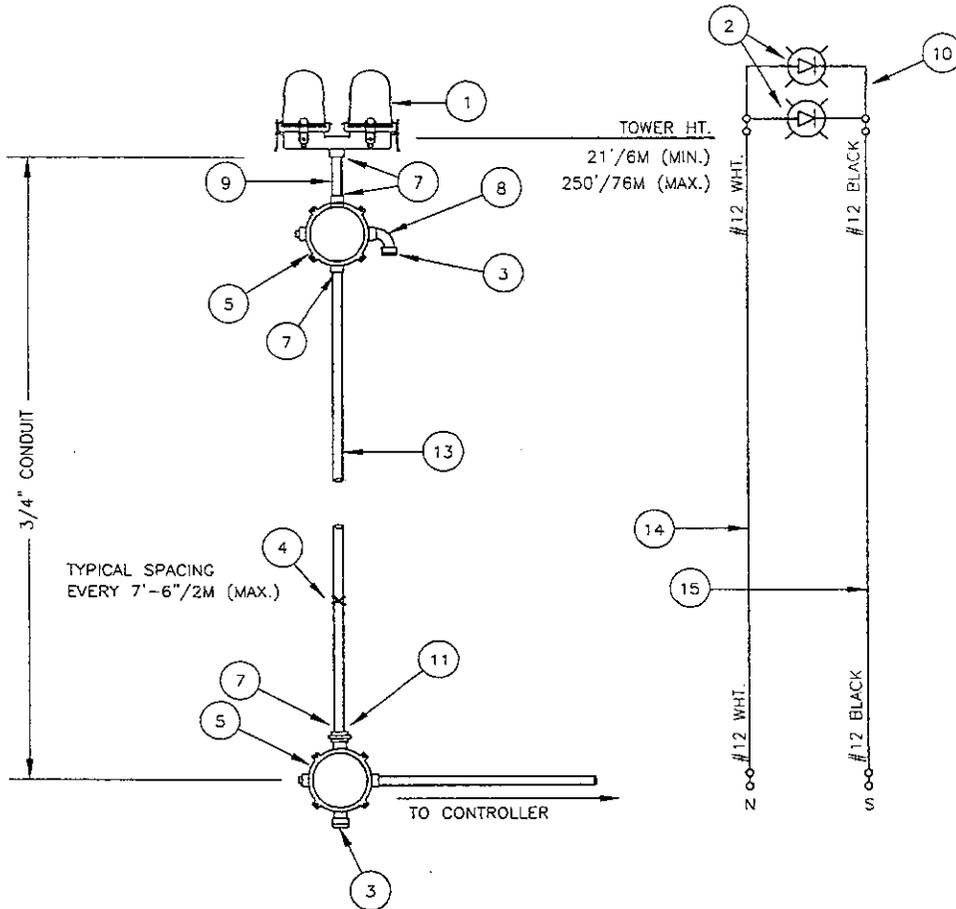
PROPOSAL FOR CONTRACT NO. 02702 – Additional Clarifications

Monopoles:

1. Structures are designed in accordance with AASHTO 2004 Standard Specifications for structural supports for Highway Signs, Luminaries and Traffic Signals.
Wind Velocity = 90 MPH basic wind speed
2. Maximum Pole Deflection does not exceed 0.7” at 30 MPH basic wind speed and 1.4” at 70 MPH basic wind speed
3. Loading Table below:

Antennas, Ancillaries and Transmission Lines

Description	Qty	Elev.(ft)	Azimuth	Mount	TX Lines	Qty	Line Support
4 sq ft camera	1	Top	N/A	Not Included	LDF4-50A	1	Included
1' solid dish	1	-1'	N/A	Included	LDF5-50A	1	Included



TOWER WIRING AND ASSEMBLY

BILL OF MATERIALS

ITEM NO.	QTY.	TWR PART NO.	DESCRIPTION
1	1	OL2LED	DOUBLE OBSTRUCTION LIGHT
2	-	-	---
3	2	5012902	BREATHER
4	1	SS10012	WRAPLOCK
5	2	JB5	3/4" JUNCTION BOX
6	1	PIPDOP	4 oz. PIPE DOPE
7	5	A314	3/4" CONDUIT LOCKNUTS
8	2	EL3490	3/4" 90° SHORT ELBOW
9	1	N34T4	3/4" X 4" CONDUIT NIPPLE
10	1	OL2PIGTAIL	18" OL2 PIGTAIL
11	2	UNY205	3/4" UNION
12	1	AA0M-TSSLED	AA0M-TSSLED ALARMED CONTROLLER

ITEM NUMBERS #13-#15 ARE NOT INCLUDED IN THE KIT BUT ARE REQUIRED FOR INSTALLATION.

13	-	CONDUIT34	3/4" CONDUIT (TWR HT. + 30'/9M)
14	-	12THHNWHT	#12 THHN WHT. WIRE (TWR HT.+40'/12M)
15	-	12THHNBK	#12 THHN BLK. WIRE (TWR HT.+40'/12M)

* = ITEM NOT SHOWN

NOTES:

- 1) CONDUIT SIZE BASED ON USING TYPE THHN WIRE.
- 2) USE RIGID GALVANIZED STEEL CONDUIT.
- 3) BREATHERS ALLOW FOR CIRCULATION OF AIR TO PREVENT CONDENSATION.

AAO TOWER LIGHTING KIT			
(TOWERS 21'/6M TO 250'/76M)			
TWR Lighting, Inc.			
APP'D	ENGINEER	DRAWN BY	
		E.A. SALAZAR	
DATE	SCALE	SHEET SIZE	SHEET QTY.
10/21/04	N.T.S.	B	1 OF 1
		DRAWING NO.	
		T1178	
<small>NOTICE: This drawing is the property of TWR Lighting, Inc. All information contained herein shall be held strictly confidential except to the extent the information has been previously authorized. This drawing may not be reproduced, copied or used in any way without written permission.</small>			

TWR Lighting, Inc.™

Enlightened TechnologySM

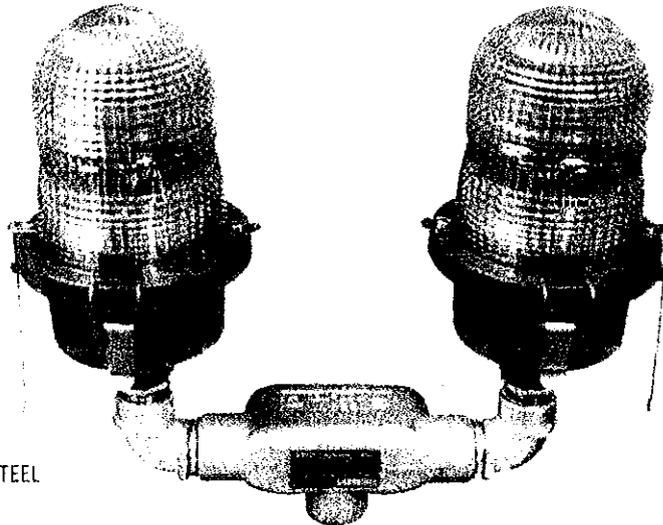
OL-2VLED FAA TYPE L-810 DOUBLE OBSTRUCTION LIGHT

OL-2VLED SPECIFICATIONS

INTENSITY:	LOW
HORIZONTAL COVERAGE:	360°
HEIGHT:	12" (30.48 cm)
LENGTH:	13-1/2" (34.29 cm)
WIDTH:	4-7/8" (12.38 cm)
WEIGHT:	5.3 lbs. (2.4 kg)
LAMP WATTAGE:	15.8 LAMP
LAMP CURRENT:	0.12 AMPS
POWER REQUIREMENTS:	100 TO 240V AC 50/60Hz
ALSO AVAILABLE IN:	24V DC
WIND LOAD:	CAAA = 0.5 ft ²
FIXTURE LENS:	FRESNEL ACRYLIC
FIXTURE BASE MATERIAL:	VALOX™ (RED)
OPERATING TEMPERATURE:	-55°C TO +55°C
HUB SIZES:	3/4", 1" OR 1-1/4" NPT
EFFECTIVE CANDELAS:	(2) 32.5 MIN.

* 96% REDUCED ENERGY CONSUMPTION VERSUS
INCANDESCENT.

NEOPRENE GASKETS FOR WEATHER
PROOFING.



VALOX™ BASE AND STAINLESS STEEL
LATCHES AND HARDWARE FOR
CORROSION PROTECTION.

NO SPECIAL TOOLS ARE REQUIRED FOR
INSTALLATION OR MAINTENANCE.

FOR MORE INFORMATION CONTACT US AT:

4300 Windfern Rd. #100 Houston Tx. 77041-8943
Ph: 713-973-6905 Fax: 713-973-9352
Email: sales@twrlighting.com
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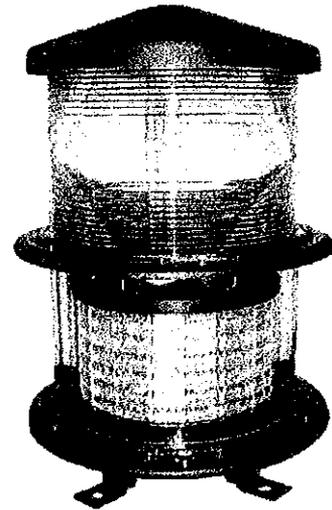
TWR Lighting, Inc.

Enlightened TechnologySM

DUAL RED/WHITE FAA TYPE L-864/L-865 MEDIUM INTENSITY STROBE BEACON

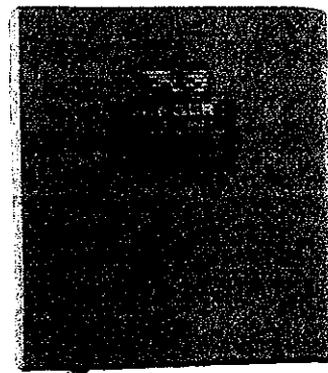
STLDBEACON SPECIFICATIONS

INTENSITY:	MEDIUM
HORIZONTAL COVERAGE:	360°
VERTICAL BEAM:	3° MIN.
FRESNEL OPTICS:	320 mm LENS
LAMP DESCRIPTION:	1-XENON FLASHTUBE & AN ARRAY OF LEDS
EFFECTIVE CANDELAS (DAY):	20,000 ± 25%
EFFECTIVE CANDELAS (NIGHT):	2,000 ± 25%
NUMBER OF FLASHES/MINUTE:	40 DAY / 30 NIGHT ± 2 FPM
FLASHHEAD DIMENSIONS:	28" X 17-1/2" (71.12 x 44.45 cm)
FLASHHEAD MATERIAL:	ACRYLIC
FLASHHEAD BASE MATERIAL:	ALUMINUM / BLUE POWDER COAT
POWER REQUIREMENTS:	120V/230V AC 60 Hz
WATTAGE:	DAYMODE - 95 WATTS WHITE NIGHTMODE (BACKUP) - 35 WATTS
VOLT AMP (VA) RED NIGHTMODE	115 VA
WEIGHT:	80 lbs. (36.32 kg)
OPERATING TEMPERATURE:	-55°C TO +55°C
WIND LOAD:	CAAA = 2.1 ft ²
MOUNTING HOLES:	4 - 11/16" SPACED 90° ON 13.25"(33.65 cm) BOLT CIRCLE



E-1DBSL SPECIFICATIONS

LIGHTNING PROTECTION:	MOVs, ISOLATION TRANSFORMER & SURGE PROTECTOR
ALARMS:	FORM "C," POWER FAIL, PHOTOCCELL, RED BEACON FAIL & STROBE FAIL.
SERVICE-RELATED FEATURES:	MODULAR CONSTRUCTION, TRAINING CLASSES & 24/7 TECHNICAL SUPPORT.
OTHER EQUIPMENT NEEDED:	CABLE LIGHTING KIT
WARRANTY PERIOD FLASHTUBE:	2 YEARS LIMITED
WARRANTY PERIOD LED:	5 YEARS LIMITED
WARRANTY PERIOD CONTROLLER:	2 YEARS LIMITED
MEETS FAA:	AC-150/5345-43E
APPLICATIONS:	TOWERS, CHIMNEYS, COOLING TOWERS, BRIDGES, BUILDINGS, WIND TURBINES & CUSTOM STRUCTURES
ENCLOSURE:	FIBERGLASS NEMA 4X
DIMENSIONS (HxWxD):	18" x 16" x 9.25" (45.72 x 40.64 x 23.50 cm)
MOUNTING DIMENSIONS (HxWxD):	18.75" x 12" (47.62 x 40.64 cm)
WEIGHT:	45 lbs. (20.45 kg)
CABLE (Diameter / Weight Per 100 ft.):	5/8" ± 10% / 24 lbs. (15.875 mm / 10.9 kg)



FOR MORE INFORMATION CONTACT US AT:

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