

BIDDER'S SUBMITTAL

Company: Priority Communications Total Bid: \$ 948,601.00

PROPOSAL, SPECIFICATIONS, BOND AND AFFIDAVIT FOR THE CONSTRUCTION OF ZAMPERINI FIELD SECURITY PROJECT, FEAP 616

B2013-52

Honorable Mayor and Members
of the Torrance City Council
Torrance, California

Members of the Council:

In accordance with the Notice Inviting Bids pertaining to the receiving of sealed proposals by the City Clerk of the City of Torrance for the above titled improvement, the undersigned hereby proposes to furnish all Work to be performed in accordance with the City of Torrance Plan No. AP-177, Specifications, Standard Drawings, and the Contract Documents, for the unit price or lump sum set forth in the following schedule.

BID SCHEDULE

BASE BID:

Item No.	Approx. Qty	Unit of Measure	Item Description	Unit Price	Total Bid
1	1	LS	Mobilization (5% MAX. OF CONTRACT BID)	\$45,000	\$ 45,000
2	1	LS	Maintain Airport Security & Traffic Control during Construction	\$25,000	\$ 25,000
3	9	EA	Bollards	\$1,200	\$ 10,800
4	1	LS	Pavement Markings	\$ 500	\$ 500
5	4	EA	Signage at Vehicle Gate (O, 23940, P, I)	\$ 500	\$ 2,000
6	1	EA	Signage at Door D1	\$ 250	\$ 250
7	600	SF	Restore AC Pavement	\$ 6	\$ 3,600
8	50	SF	Restore Sidewalk / PCC Gutter	\$ 70	\$ 3,500
9	200	LF	8-foot High Chain Link Fence	\$ 30	\$ 6,000

Item No.	Approx. Qty	Unit of Measure	Item Description	Unit Price	Total Bid
10	1	LS	44-foot Manual Double Swing Gate (O) Chain Link	\$ 10,000	\$ 10,000
11	1	EA	20-foot Cantilever Slide Gate (I) Chain Link	\$ 2,000	\$ 2,000
12	1	EA	50-foot V-Track Rolling Gate (23940) Chain Link	\$ 12,000	\$ 12,000
13	1	EA	50-foot V-Track Rolling Gate (P) Chain Link	\$ 12,000	\$ 12,000
14	3,500	LF	#6 AWG THHN 600V	\$.73	\$ 2,555
15	60,250	LF	#8 AWG THHN 600V	\$.48	\$ 28,920
16	6,500	LF	#10 AWG THHN 600V	\$.30	\$ 1,950
17	2,100	LF	#12 AWG THHN 600V	\$.20	\$ 400
18	400	LF	#14 AWG THHN 600V (Door mechanism to card reader)	\$.13	\$ 65.00
19	1,200	LF	1" PVC Sch. 40 Conduit including Trench and Backfill	\$ 42	\$ 50,400
20	300	LF	1" PVC Sch. 40 Conduit Spare including Trench and Backfill	\$ 42	\$ 12,600
21	350	LF	1" RGS Conduit	\$ 12	\$ 4,200
22	22,600	LF	¾" RGS Conduit	\$ 12	\$ 271,200
23	2	EA	Mechanical Locking System at Door D1	\$ 400	\$ 800
24	2,500	LF	Rewire existing Street Lights	\$ 4	\$ 10,000
25	29	EA	Photoelectric Cell	\$ 300	\$ 8,700
26	13	EA	Concrete Hand Hole	\$ 5,250	\$ 68,250
27	30	EA	20-Amp Circuit Breaker	\$ 45	\$ 1,350
28	4	EA	14' Pole with Foundation, for Security Camera and APLR	\$ 4,250	\$ 17,000
29	6	EA	20' Pole with Light Mast Arm and Foundation, for Security Camera	\$ 4,250	\$ 25,500
30	141	EA	Lighting Fixture, LED 175W with installation	\$ 700	\$ 98,700

Item No.	Approx. Qty	Unit of Measure	Item Description	Unit Price	Total Bid
31	11	EA	Lighting Fixture, LED (Twin 175W) 350W with installation	\$ 700	\$ 7,700
32	3	EA	Gate Operator/Access Control, Uninterruptible Power Supply w/ Enclosure and Foundation	\$ 7,500	\$ 22,500
33	1	LS	Staff Training – VMS, ALPR, Wireless Node and Access Control	\$ 5,000	\$ 5,000
34	1	LS	Miscellaneous Security/IT Equipment	\$ 7,500	\$ 7,500
35	3	EA	Outdoor Security Cabinet with Foundation	\$ 5,000	\$ 15,000
36	4	EA	Long Range Proximity Card Reader on Pedestal with Foundation	\$ 700	\$ 2,800
37	1	EA	Proximity Card Reader at Door D1	\$ 350	\$ 350
38	1	EA	Free- Exit Handle at Door D1	\$ 300	\$ 300
39	2	EA	Knox Box on Ingress Card Reader	\$ 500	\$ 1,000
40	4	EA	Maintenance Key on Ingress and Egress Card Reader	\$ 150	\$ 600
41	3	EA	Access Control Module	\$ 3,000	\$ 9,000
42	1	LS	Access Control System Software and License	\$ 2,000	\$ 2,000
43	300	EA	Proximity Card with Lanyard or Clip	\$ 30	\$ 9,000
44	2	*EA	Computer Workstation with UPS	\$ 2,500	\$ 5,000
45	1	EA	Photo ID Camera with Tripod	\$ 3,000	\$ 3,000
46	1	EA	System Printer	\$ 2,000	\$ 2,000
47	1	EA	Proximity Card Printer/Encoder, Single Sided with Photo ID Software	\$ 5,000	\$ 5,000
48	1	EA	Disable Core Card Reader at Gate Y	\$ 2,000	\$ 2,000
49	14	*EA	Outdoor PTZ Security Camera	\$ 2,250	\$ 24,750
50	1	*EA	Indoor Fixed Security Camera	\$ 2,250	\$ 2,250

Item No.	Approx. Qty	Unit of Measure	Item Description	Unit Price	Total Bid
51	15	*EA	Video Management System Software and Camera License	\$ 133	\$ 2,000
52	3	*EA	Remote Network Switch – 4 Port	\$ 500	\$ 1,500
53	3	EA	Automatic License Plate Reader Camera including Bracket and Termination Box	\$ 9,000	\$ 27,000
54	1	*LS	1U Server including Software	\$ 3,500	\$ 3,500
55	2	EA	Server Network Adapter – 24 Port	\$ 1,500	\$ 3,000
56	1	EA	IT Storage Switch – 24 Port	\$ 2,500	\$ 2,500
57	1	*LS	2U Video Storage System	\$ 3,150	\$ 3,150
58	1	LS	1U Rackmount Monitor and Keyboard	\$ 1,500	\$ 1,500
59	1	*LS	KVM Switch	\$ 500	\$ 500
60	1	LS	External Back-up System	\$ 5,000	\$ 5,000
61	13	EA	Outdoor Wireless Mesh Node	\$ 525	\$ 6,825
62	1	LS	Wireless Node Management Software	\$ 2,000	\$ 2,000
63	1	Allow	Additional Wireless Mesh Node	\$ 5,000	\$ 5,000
64	1	EA	BOND INSURANCE	23,136	23,136

BASE BID:

TOTAL BID PRICE \$ 948,601.00
(Figures)*

TOTAL BID PRICE: NINE HUNDRED & FORTY EIGHT THOUSAND AND
(Words)*
SIX HUNDRED & ONE DOLLAR & NO CENTS

***BID MAY BE REJECTED IF TOTAL IS NOT SHOWN IN FIGURES AND WORDS.**

B2013-52

ADDITIVE 1 (Gates A and F):

101	20	LF	PCC Curb and Gutter	\$ 75	\$ 1,500
102	6	LF	Ornamental Fence (Gate F)	\$ 1,000	\$ 1,000
103	2	EA	16-foot Cantilever Slide Gate (F) Ornamental	\$ 6,500	\$ 13,000
104	1	EA	35-foot V-Track Rolling Gate (A) Ornamental	\$ 15,000	\$ 15,000
105	1	EA	35-foot Hydraulic Gate Operator with Concrete including Loop Detectors and Photo Eye Sensor (Gate A)	\$ 21,000	\$ 21,000
106	2	EA	16-foot Hydraulic Gate Operator with Concrete including Loop Detectors and Photo Eye Sensor (Gate F)	\$ 16,500	\$ 33,000

ADDITIVE 1 (Gates A and F):

TOTAL BID PRICE \$ 84,500.00
(Figures)*

TOTAL BID PRICE: EIGHTY FOUR THOUSAND AND FIVE HUNDRED
(Words)*

AND NO CENTS

***BID MAY BE REJECTED IF TOTAL IS NOT SHOWN IN FIGURES AND WORDS.**

B2013-52

BASIS OF AWARD:

The Basis of Award for this contract shall be the lowest responsive bid for the **Base Bid Proposal only**. However, the Bidder shall complete the Bid Proposals for the Additive Bid. The City reserves the right to award the Additive Bid to the same Contractor who was awarded this project.

The undersigned furthermore agrees to enter into and execute a contract, with necessary bonds, at the unit prices set forth herein and in case of default in executing such contract, with necessary bonds, the check or bond accompanying this bid and the money payable thereon shall be forfeited thereby to and remain the property of the City of Torrance.

The above unit prices include all work appurtenant to the various items as outlined in the Specifications and all work or expense required for the satisfactory completion of said items. In case of discrepancies between unit prices and totals, the unit prices shall govern.

The undersigned declares that it has carefully examined the Plans, Specifications, and Contract Documents, and has investigated the site of the work and is familiar with the conditions thereon.

Contractor: Priority Communications Inc
Date: 11/6/2013 By: William Roan
Contractor's State License No. 594204 Class C-7
Address: 5151 Russo St. Culver City, CA 90230
Phone: 310) 313-3332
Fax: 310) 313-3343

ACKNOWLEDGMENT OF ADDENDA RECEIVED – B2013-52

The Bidder shall acknowledge the receipt of addenda by placing an "X" by each addendum received.

Addendum No. 1 X

Addendum No. 2 X

Addendum No. 3 _____

Addendum No. 4 _____

Addendum No. 5 _____

Addendum No. 6 _____

Addendum No. 7 _____

Addendum No. 8 _____

If an addendum or addenda have been issued by the City and not noted above as being received by the Bidder, the Bid Proposal may be rejected.

William Rosa
Bidder's Signature

11/6/2013
Date

BIDDER'S CERTIFICATION

I acknowledge receipt of the foregoing Addendum No. 1 and accept all conditions contained therein.

Priority Communications
Bidder

William Cesar
By

11/13/2013
Date

**** Submit this executed form with the bid ****

Please fill out and submit the
"Acknowledgment of Addenda Received" form
provided in Section C of the Specifications.

BIDDER'S CERTIFICATION

I acknowledge receipt of the foregoing Addendum No. 2 and accept all conditions contained therein.

Priority Communications
Bidder

William Pesan
By

11/13/2013
Date

***** Submit this executed form with the bid *****

Please fill out and submit the
"Acknowledgment of Addenda Received" form
provided in Section C of the Specifications.

CONTRACTOR'S AFFIDAVIT

STATE OF CALIFORNIA }
COUNTY OF Los Angeles }

B2013-52

William Cesan, being first duly sworn, deposes and says:

1. That he is the President
Title
of Priority Communications
(Name of Partnership, Corporation, or Sole Proprietorship)

hereinafter called "Contractor," who has submitted to the City of Torrance a proposal for the Construction OF **ZAMPERINI FIELD SECURITY PROJECT, FEAP 616; B2013-52;**

2. That said proposal is genuine; that the same is not sham; that all statement of facts therein are true;
3. That such proposal was not made in the interest or behalf of any person, partnership, company, association, organization or corporation not named or disclosed;
4. That the Contractor did not, directly or indirectly, induce, solicit or agree with anyone else to submit a false or sham bid, to refrain from bidding, or to withdraw the bid, to raise or fix the bid price of the Contractor or anyone else, or to raise or fix any overhead, profit or cost element of the Contractor's price or the price of anyone else; and did not attempt to induce action prejudicial to the interest of the City of Torrance, or of any other bidder, or anyone else interested in the proposed contract;
5. That the Contractor has not in any manner sought by collusion to secure for itself an advantage over any other bidder or to induce action prejudicial to the interests of the City of Torrance, or of any other bidder or of anyone else interested in the proposed contract;
6. That the Contractor has not accepted any bid from any subcontractor or materialman through any bid depository, the bylaws, rules or regulations of which prohibit or prevent the Contractor from considering any bid from any subcontractor or materialman, which is not processed through said bid depository, or which prevent any subcontractor or materialman from bidding to any contractor who does not use the facilities of or accept bids from or through such bid depository;

CONTRACTOR'S AFFIDAVIT (CONTINUED)

B2013-52

7. That the Contractor did not, directly or indirectly, submit the Contractor's bid price or any breakdown thereof, or the contents thereof, or divulge information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, or to any individual or group of Individuals, except to the City of Torrance, or to any person or persons who have a partnership or other financial interest with said Contractor in its business.

Dated this 5th day of November, 2013.

Subscribed and Sworn to
before me this 5 day
of November, 2013.

William Casan
(Contractor)
President
(Title)

[Signature]
Notary Public in and for said
County and State.
(Seal)



**LIST OF SUBCONTRACTORS
B2013-52**

The Bidder is required to fill in the following blanks in accordance with the provisions of the California Public Contract Code Sections 4100-4114, CHAPTER 4. SUBLETTING AND SUBCONTRACTING. The contractor, sub recipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of Title 49 CFR (Code of Federal Regulations) part 26 in the award and administration of US DOT assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the recipient deems appropriate. Each subcontract signed by the bidder must include this assurance.

Failure of the bidder to fulfill the requirements of the Special Provisions for submittals required to be furnished after bid opening, including but not limited to escrowed bid documents, where applicable, may subject the bidder to a determination of the bidder's responsibility in the event it is the apparent low bidder on a future public works contracts.

Name Under Which Subcontractor is Licensed: Priority Communications Inc.

Subcontractor's Address: 5151 Russo St. Culver City, CA 90230

Specific Description of Sub-Contract: low-voltage, phones, CCTV, control access, alarms

License Number: 594204 CA License Classification/Type: C-7

Name Under Which Subcontractor is Licensed: BRYDEN ELECTRIC

Subcontractor's Address: 1730 22ND ST. SANTA MONICA, CA 90404

Specific Description of Sub-Contract: Electrical

License Number: 468110 CA License Classification/Type: C-10

Name Under Which Subcontractor is Licensed: Crown Fence Co

Subcontractor's Address: 230 River Road, Corona, CA 92880

Specific Description of Sub-Contract: Fence

License Number: 1315 CA License Classification/Type: G-13

Subcontractors listed must be properly licensed under the laws of the State of California for the type of work which they are to perform. Do not list alternate subcontractors for the same work.

REFERENCES (Page 1 of 2)
B2013-52

List work similar in magnitude and degree of difficulty completed by the Contractor within the past three (3) years.

1. Name (Firm/Agency): Tower General Contractors
Address: 10923 Randall St. Sun Valley, CA 91352
Contact Person: Niko Telephone No.: (818) 768-3530
Title of Project: Labor Union 300
Project Location: 2005 W. Pico Blvd. Los Angeles, CA
Date of Completion: 11/2013 Contract Amount: \$ 365K

2. Name (Firm/Agency): Tower General Contractors
Address: 10923 Randall St. Sun Valley, CA 91352
Contact Person: Nato Flores Telephone No.: (818) 768-3530
Title of Project: St. John's Health Center
Project Location: 2020 Santa Monica Blvd. Santa Monica CA
Date of Completion: 6/2011 Contract Amount: \$ 80K

3. Name (Firm/Agency): _____
Address: _____
Contact Person: _____ Telephone No.: _____
Title of Project: _____
Project Location: _____
Date of Completion: _____ Contract Amount: \$ _____

4. Name (Firm/Agency): _____
Address: _____
Contact Person: _____ Telephone No.: _____
Title of Project: _____
Project Location: _____
Date of Completion: _____ Contract Amount: \$ _____

REFERENCES (PAGE 2 OF 2)
B2013-52

If Contractor has not performed work for the City of Torrance within the last five (5) years, list all work done within said five years (attach additional sheets if necessary). Note if work was done as subcontractor [include only subcontract amount]:

Work Description & Contract Amount	Agency	Date Completed
See Attached		

Contractor's License No.: 594204 Class: C-7

a. Date first obtained: 1983 Expiration: 4-30-2014

b. Has License ever been suspended or revoked? NO

If yes, describe when and why: _____

c. Any current claims against License or Bond? NO

If yes, describe claims: _____

Principals in Company (List all – attach additional sheets if necessary):

NAME	TITLE (If Applicable)	LICENSE NO.
<u>William Ceson</u>	<u>Resident</u>	<u>594204</u>
_____	_____	_____
_____	_____	_____

**VIOLATIONS OF FEDERAL, STATE OR LOCAL LAWS
B2013-52**

1. Has your firm or its officers been assessed any penalties by an agency for noncompliance or violations of Federal, State or Local labor laws and/or business or licensing regulations within the past five (5) years relating to your construction projects?

Yes/No: No Federal/State: _____

If "yes," identify and describe, (including agency and status): _____

Have the penalties been paid? Yes/No: _____

2. Does your firm or its officers have any ongoing investigations by any public agency regarding violations of the State Labor Code, California Business and Professions Code or State Licensing Laws?

Yes/No: No Code/Laws: _____ Section/Article: _____

If "yes," identify and describe, (including agency and status): _____

DISQUALIFICATION OR DEBARMENT

Has your firm, any officer of your firm, or any employee who has a proprietary interest in your firm ever been disqualified, removed, or otherwise prevented from bidding on, performing work on, or completing a federal, state or local project because of a violation of law or a safety regulation? Yes/No: NO. If yes, provide the following information (if more than once, use separate sheets):

Date: _____ Entity: _____

Location: _____

Reason: _____

Provide Status and any Supplemental Statement: _____

Has your firm been reinstated by this entity? Yes/No: _____

The Contractor's debarment status will be researched online at 'www.sam.gov (Federal Debarment list) and documented before the Contractor's bid will be evaluated. Bids submitted by Contractor found to be on the list will not be evaluated.



**THIS PROPOSAL PREPARED
ESPECIALLY FOR**

**Zamperini Field Security Project
FEAP 616
B2013-52
Torrance, CA**

November 13, 2013

**This Proposal Is Good For A Period Of 90 Days
After The Above Date.**

Competitive Information

This proposal contains privileged information that shall not be disclosed to any party other than the perspective customer. And shall not be duplicated, used or disclosed, in whole or in part, for any purpose other than to evaluate this proposal.

Priority Communications, Inc.

Objective To provide quality and reliable Service and Installation to our customers

Experience 1984–Present Priority Communications, Inc.

President / Owner – William T. Cesan

- Provide sales, service and installation of telecommunications equipment to our existing and future customers.

Achievements

- Cabling of San Jose Hospital 3rd, 4th, 6th floors. 300 jacks. Was responsible to determine correct architectural plans (of 3 different plans) and implementing cabling, jacking, and placement of telephones.
- City San Marino – Police and Fire Departments. Work closely with fire chief to provide quick and reliable service to telephone system. In process of expansion with Voice Over IP systems.
- Center for Healthy Living – Created and Implemented costs saving plan to tie multiple locations together. Using 1 reception and 1 voice processing system, we saved the customer thousands of dollars a year and created a solution for tighter communications.
- Kaufman Bernstein – Accounting offices - Century City Provided Sales Service and installations of voice and data for 70+ locations.
- Drum Workshop Oxnard – 70+ locations Voice and Data cabling, Service and expansions.
- Serviced Albertson's, Toys R US, Sav-On Stores. Provided sales, service and installation of telecommunication products for their Southern California stores.
- Builders Emporium – Installed customer call centers to 52 stores in 30 days. Required doubling staff, working weekends. Manufacturer said it couldn't be done but we pulled it off. Got a slap on the back.
- I have customers from A to Z Large and small that we have provided solutions using our cabling and service skills.

July 30, 2013

To Whom It May Concern:

We are writing this letter of recommendation on behalf of our vendor, Priority Communications.

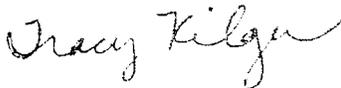
Bill Cesan has been a trusted partner of MHT Luxury Alloys since 2005, providing us with telecommunications and video surveillance services. Priority Communications has been very responsive to the needs of our company and takes a personal interest in our growth and success.

We have been extremely pleased with the level of service and response times that Priority Communications has provided over the years. We trust their judgment when investing in new equipment and feel that they provide us with the most cost-effective options whenever possible.

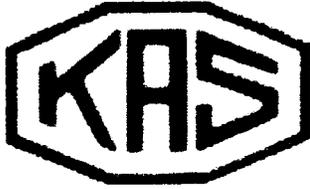
Our sales are dependent upon a reliable phone system. Bill has always understood our needs and responds accordingly, minimizing down time for our company. He has been a great asset during two relocations, doing everything necessary to meet our deadlines.

Priority Communications comes highly recommended and we trust that they will prove to be a loyal vendor to you as well.

Sincerely,



Tracy Kilger
Accounting Manager



KAS ENGINEERING, INC.

Tooling • Injection Molding

1714 - 14th Street • Santa Monica, California 90404

(310) 450-8925 FAX (310) 450-6527

July 30, 13

Bill Cesan
Priority Communications, Inc.
5151 Russo St. Culver City CA 90230

Bill,

I wanted to thank you for the excellent job you and your staff did on installing, training and supporting our phone system. The functionality is much better than our old system. The ability for us to connect our two locations is really a plus. I really appreciate the support of going to our Oxnard location and working with our IT vendors to make sure we had all the kinks worked out on our VPN as well.

Although getting used to a new system can be a challenge, the Priority Communication staff really made the transition easy for us. The support provided made it so much easier for us to get up to speed. When we did have some small changes your staff was there in record time and stayed until we had what we wanted.

There really are not many companies left that operate as yours does. The commitment to customers and good service is something we really appreciate. I know that when we need to make any changes or additions we will look to your company to help us.

Thanks again

Scott Schoenberger
President, KAS Engineering, Inc



Kevin McCracken

Los Angeles Ca. Mobile 917-292-7328 macharness@sbcglobal.net

Summary

Looking for a project management position with a great company. Extensive experience in operations and project engineering, Spanning enterprise network design, construction, aerospace, automotive and the semiconductor industries. I am Passionate about quality, customer satisfaction, with a record of improving process efficiency, safety and profitability through process automation and skilled problem solving. Outstanding, interpersonal, motivational and presentation skills. Analytical, articulate and diligent.

Core Competencies

HP c7000 Blade servers	Network Design	HVAC DDC	Proposal Development
Project Leadership	CAD Design CREO 2.0	Facility Operations	Commercial Network Certification
ACAD Revit 2013	Wiring Harness Design	Systems Interconnect	Budget Planning Cost Control

Professional Experience

Macharness Jaguar wire harnesses,

01/2000 to Present

- **Owner Engineer Macharness.com.**

For the past 12 years Macharness has been in a unique niche market providing Electro-Mechanical design services for automotive engine management wiring harnesses and Data Center design. My roles and responsibilities range from 3D harness and electrical mechanical system design using CREO 2.0 RSD and ACAD REVIT to component selection based on Analytical skills, FMEA and VA/VE analysis, sales marketing and program management. My website can be viewed at <<http://macharness.com>> or Linkedin at www.linkedin.com/pub/kevin-mccracken/1b/598/a48/

AKIMA Construction services,

03/99-11/2011

- **Network Senior Designer NIF** Lawrence Livermore National Laboratory <https://lasers.llnl.gov/> Specific job responsibility were; design and installation EIA/TIA 568C 100 base T Network enterprise data center for the National Ignition Facility (NIF). In the first three years of the design phase, traveled to Parsons Architectural Design services in Pasadena Ca. to manage the design of infrastructure network racks and major electrical power distribution ups and cooling subsystems. We use DVP&R FMEA VA/VE and six sigma design tools.

Estimated construction cost material take-off and schedule, provided daily construction progress reports to senior management. After the network and main infrastructure utilities construction was complete. Tasked to develop and implement cable test procedures and supervise subcontractors for the purpose of terminating and testing all 30,000 machine control cables. Cable types consisted of multi conductor copper, type cat5, cat6 network fiber single and multimode, HV coax. The Network and control System has over 700 Racks Utilizing 5000 HP c7000 Blade and Dell servers. Developed a cable and server rack database in Microsoft Access to manage Moves Adds and Changes, for all equipment locations, including network, cables, patch cords, inter rack server locations, VOIP equipment. Total project size was 3.5 billion, Rack & Cable infrastructure system construction budget was 100 million.

Pro Source,

06/98-03/99

- Senior Designer, Designed wiring harnesses for the I9 space craft at space systems LORAL using pro cable and Rapid system Design (RSD). Specialize in military connector system interconnection, conductor size specification, wiring harness (BOM) materials selection.

LAM Research,

02/95-5/98

- System Engineer for Semiconductor machine tool design. Used Pro cable for the system interconnects wiring harness design and facilities interface for the 300 mm Chemical Mechanical Polishing (CMP) tool.

Space Power,

03/86-01/95

- Senior Designer, Space Craft electric propulsion systems 30Kwe switch mode power supplies. Arc jets and SPT HALL effect thruster systems. I was designing and building flight chassis, magnetics and pcb's for 30Kwe and 50KWe Switch mode dc-dc power converters. These power supplies were designed for space based satellite station keeping thrusters. We used Hybrid technology where thousands of mosfets and their driver circuitry were assembled onto AL 2o3 (Ceramic) substrates interconnected via aluminum ultrasonic wire bonds. At the time I designed, assembled, wire bonded and tested the complete power supply assembly. After testing I would integrate the power supplies to the payload at the customer facility. Heavy Mechanical and PCB electrical expertise was required for this job.

- **Education**

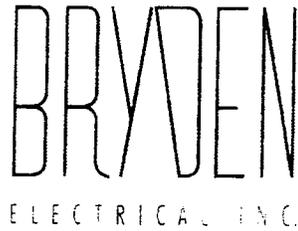
De Anza College – Cupertino, Ca. 09/80- 06/82 Electronics

Security Clearance

- Hold current Department of Energy (DOE) "Q" Secret Security Clearance. = To DOD Top Secret.

Skills

- - Ability to generate complex interconnection and wiring diagrams, assembly drawings, panel layouts, silkscreens, and associated mechanical detail drawings.
- - Ability to solve electronic design problems using electronic theory, FMEA and VA/VE tools.
- - Experience with creating, documenting, and analyzing electronics design schedules and costs.
- - Thorough knowledge of drafting procedures and vendor products.
- - Knowledgeable in materials machine shop and fabrication techniques.
- - Demonstrated effective communication skills, both verbal and written.
- - Demonstrated capability for independent action and as a member of a multi-disciplinary team.
- - Demonstrated ability to multitask and maintain a high level of accuracy.
- - Expertise in designing, configuring, operating, and managing switches/routers.
- HVAC License, Plumbing and equipment cooling DDC control, institutional paging system design.
- - Demonstrate organizational skills, detail-oriented, and ability to lead projects.
- - Advanced Knowledge of Data Center infrastructure facility power and HVAC and VOIP networks.
- - Flexibility to support occasional schedule-driven product deliverables and off-hours infrastructure upgrades.
- COMP EIA/TIA CCTT certified for commercial network backbone certification fiber fusion splice cert..
- Photography, Cinematography Non-linear editing Final Cut Pro and Adobe Premiere.



11/8/13

From: Brian Cohen
Attention: Bill Cesan
Priority Communications
5151 Russo Street,
Culver City,
Ca. 90230

Re: Zamperini field project in Torrance Ca.

Bryden Electrical Inc. having being established over 27 Years. Looks foreword in partnering with Priority Communications on the above project providing electrical construction services for the electrical upgrade.

A handwritten signature in black ink, appearing to read "Brian Cohen", written in a cursive style.

Brian Cohen
President