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CITY OF COCONUT CREEK



CITY OF COCONUT CREEK  
CITY CLERK DEPARTMENT

OFFICE OF THE CITY CLERK  
4800 WEST COPANS ROAD  
COCONUT CREEK, FLORIDA 33063

**2018 APPLICATION FOR CITY BOARDS**

The information requested below is for consideration of appointment to a City Board. Please complete and return this form to the City Clerk, along with a brief resume of your education and experience by or before Thursday, March 29, 2018.

PLEASE NOTE: Florida has a very broad public records law. Documents relating to city business are public records and are available to the public and media upon request. Your information provided within this application may therefore be subject to public disclosure.

Last Name: ESPINOSA First Name: IRENE M.I.: C

Home Address: 4242 NW 66TH DRIVE COCONUT CREEK, FL 33073

Phone #: 954-552-0930 Alt. #: \_\_\_\_\_ E-mail: ICESP12@GMAIL.COM

PLEASE CHECK THE FOLLOWING BOARD(S) ON WHICH YOU ARE INTERESTED IN SERVING (A brief description of each board can be found on our website or by clicking on this link: [City Boards and Committees](#))

xx ENVIRONMENTAL ADVISORY BOARD

PARKS & RECREATION ADVISORY BOARD

\*PLANNING & ZONING BOARD

REDISTRICTING BOARD (Appointments will be made in August)

PLEASE MARK YES OR NO FOR EACH OF THE FOLLOWING QUESTIONS:

Are you a resident of Coconut Creek?	Yes <u>xx</u>	No _____
Are you a registered voter (elector) in Broward County?	Yes <u>xx</u>	No _____
Do you hold a public office?	Yes _____	No <u>xx</u>
Are you employed by the City?	Yes _____	No <u>xx</u>
Are you currently a member of a City Board?	Yes <u>xx</u>	No _____
Have you ever served on a City Board?	Yes <u>xx</u>	No _____
Are you away from the City for extended periods during the year?	Yes _____	No <u>xx</u>
Would you serve on a Board other than the one(s) selected?	Yes _____	No <u>xx</u>

SIGNATURE: *Irene Espinosa*

Date: MARCH 25, 2018

\* Denotes that a Financial Disclosure Form is required upon appointment to the Board.

# RENE ESPINOSA

## OBJECTIVE

**SMT/Electromechanical Engineer Recruiter to placing qualified Technical Candidates in appropriate fields.**

## PROFESSIONAL HIGHLIGHTS

### HEALTH, SAFETY, ENVIRONMENTAL, WORKERS COMPENSATION & MEDICAL

- Reduced Workers Compensation open claim costs from \$200,000/year to \$50,000/year in 2 years
- First aid injuries were reduced by 45% the first year
- Workers Compensation claims were reduced by 75%
- OSHA recordable injuries were reduced by 50% in one year an effort to achieve World Class status using Total Quality Management techniques (TQM), LWCA=0.1 and TCIR=1.0
- Freon (CFC) recycling generated over \$50,000/yr cost avoidance
- Hazardous waste disposal costs were reduced by 66% in one year
- Hazardous material inventory was reduced by 50%, reducing safety hazards and liability

### MICROELECTRONICS

- Implemented the first surface mount technology process designs for Allied Signal electronics, beginning with the Total Collision Avoidance System (TCAS) for the FAA
- Developed and wrote all soldering and electrical assembly process for the TCAS product line
- Optimized soldering yields from 33% to 90% in 3 months
- Received the second highest cost savings award that involved over \$500,000 savings by optimization of a material control and inventory tracking system at GE.
- Standardized DOD satellite system electrical design layout, throughout five design groups at GE
- Assisted Joe Keller in the research and identification of Dendritic Growth on SMT technology devices and co-authored technical paper for the Annual Hybrid Microelectronics Symposium

### EMPLOYMENT RESPONSIBILITIES

- Cardinal Health (Medical/Pharmaceutical Distribution) - Regulatory Management, EHS/QA. Resolved Security and Quality issues identified via Corporate and Regional Audits based on ISO13485 / FDA Standards. Performed all EHS/QA Regulatory training. Interfaced with local regulators as well as acted as Corporate Liaison on all HSE/QA division matters.
- CPC AEROSCIENCE- Heath, Safety & Environmental Manager. Performed all employee training, responsible for hazardous waste manifest and control, completed all annual reports and assured federal and local regulatory compliance (EPA, RCRA, CERCLA, SARA, DOT, OSHA, NIOSH, TSCA, etc.), MSDS Standardization.
- ALLIED SIGNAL- Full responsibility (HS&E plus Medical, Workers Compensation and Risk Management) in addition had two manufacturing plants ~1200 employees in Ft. Lauderdale, 3 domestic and 3 foreign hangers where rework /repair of aviation products was performed. Revised the Safety Manual to meet ISO9000 standards. Trained over 1200 employees, annually, in all aspects of EPA, RCRA, CERCLA, SARA, DOT, OSHA, NIOSH, HM-181, TSCA. Initiated in-door air quality testing to generate a baseline for employee exposure to hazardous chemicals. Developed HS&E review standards for new business acquisitions. Interfaced with local regulators as well as acted as Corporate Liaison on all HSE division matters. Initially was hired as a Senior Engineer to work on the new product introduction and development of TCAS, the first product with surface mount technology. Worked as liaison between Engineering and Manufacturing to develop soldering processes (IR, Wave, and Vapor) for SMT electronics of TCAS. Defined tooling, selected equipment and materials, parts, rework and repair, approved electrical schematics. Initiated development of "State of the Art" zero discharge/closed loop aqueous water filtration system for cleaning electronic printed circuit boards using water soluble flux while also being environmentally friendly.
- GENERAL ELECTRIC SPACE DIVISION - Liaison between design and manufacturing to optimize new product (electronics) for military satellites. Responsibility included tooling, process design, planning, materials and parts selection, drafting reviews and sign-off for new designs as well as redesigns per military standards. Held Secret Clearance.
- MOTOROLA- Advanced Manufacturing Technology Group - Performed research with surface mount technology designs. Responsible for development of high impedance encapsulation, structural lead reinforcement, guide pin and attach process, thickfilm components and jumper designs, polymeric sealants and its electrical effects during cleaning process/ionic contamination. Supported hybrid microelectronic manufacturing with process development and yield improvement, optimizing tool design for wave solder, and micro-welding.

4242 NW 66<sup>th</sup> Drive, Coconut Creek, FL 33073 954-552-0930 icesp12@gmail.com

## SKILLS

- Six Sigma
- Total Quality Management (TQM)
- Design For Manufacturing (DFM) Certified
- Word, Excel, Works, PowerPoint
- Just In Time (JIT) Material Control
- Bilingual (English/Spanish)
- Technical Writing
- Public Speaking/Training
- New Product Introduction
- Process Optimization/ Cost Reduction
- Standard Operating Procedures (SOP)
- ISO 9000

## EMPLOYMENT HISTORY

- **TECHNICAL RECRUITER, EMS/SMT/Engineers/Executive Placement, 2015- Present**  
StepBeyond Solutions Dallas, Texas
- **REGULATORY COMPLIANCE MANAGER, EHS/QA, 2014-2015**  
Cardinal Health Weston, FL
- **HEALTH, SAFETY, ENVIRONMENTAL MANAGER, 2010-2012**  
CPC Aerospace Pompano, FL
- **HEALTH, SAFETY, ENVIRONMENTAL STAFF/SENIOR ENGINEER, 1989-96**  
Allied Signal Ft. Lauderdale, FL
- **PRODUCIBILITY ENGINEER, 1985-88** GE Space Division King of Prussia, PA
- **SENIOR ENGINEER, 1982-84** Racal-Milgo Miami, FL
- **PROCESS ENGINEER, 1978-82** Motorola Communications Inc. Ft. Lauderdale, FL
- **BACHELORS OF SCIENCE** University of Florida  
Chemistry/Chemical Engineering<sub>(minor)</sub> Gainesville, FL 1977-79
- **BACHELOR OF SCIENCE** Florida Atlantic University  
Mechanical Engineering <sub>(95% complete)</sub> Boca Raton, FL 1979-82
- **MASTER OF SCIENCE** Penn State University  
Mechanic & Materials Engineering <sub>(50% complete)</sub> King of Prussia, PA 1986-88

## EDUCATIONAL HISTORY

## HONORS AND AWARDS

- Environmental Advisory Board, City of Coconut Creek, 2016-17
  - Parkwood Homeowners Association, Architectural Committee, 2017
  - Experience Lead, ACS/Relay For Life, Coconut Creek/Margate, 2015
  - Co-Chair, Relay For Life, Coconut Creek/Margate, 2014, Raised \$80,000 in 3 months
  - Board Member, Brookwood Home for Abused, Neglected and Abandoned Girls, 2010-2013
  - Board Member, Coconut Creek Women's Club, 2009-present
  - Guardian Ad Litem, Broward County, 2009
  - Phi Kappa Phi & Pi Tau Sigma, 1985-87
  - Motorola, 1981-82, Professional Recruiter
  - Women's Political Caucus, 1980-82, 2nd Vice President/Membership Chairman
  - International Society of Hybrid Microelectronics, 1980-82, Treasurer
  - Professional Women of Motorola, 1979-80, Executive Committee Director
  - Benton Engineering Council, 1978-80, Priorities, Programs & Awards Committees
  - Florida Engineering Society, 1977-79, Treasurer and Event Coordinator
  - Joseph Weil Award, 1978-79, solo leadership award/first woman at University of FL
  - Epsilon Lambda Chi 1978-79, Honorary Award to upper 2% leader in College of Eng
  - Society of Women Engineers, 1977-1980, President, Vice President, Industrial Coordinator, Florida State Symposium, 1978, Chairman and Student Coordinator/Publicity Chairman
- Member, American Institute of Chemical Engineers, International Society of Hybrid Microelectronics, National Society of Plastics Engineers

## REFERENCES

References are available on request.

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