



Gobierno del
Estado de Sonora

Secretaría
de Economía



**DOING
BUSINESS
WITH**



**NOVEMBER
DECEMBER**

2019

AEROSPACE, DEFENSE AND MARINE

GENERAL REQUIREMENTS

- Companies must be located in Sonora state.
- Be certificated by AS9100 or ISO9001.
- Have a minimum one business level English-speaker employee.
- Be enrolled in IMMEX program.
- Only companies that provide services/products listed herein.
- NADCAP and ITAR is a plus.

STAGES

1

Send an e-mail to **purchasingmx.adm@te.com** with the following:

- Presentation with your company's capabilities, location, certificates, main contacts, pictures of your products and relevant information.
- The subject of the e-mail must be "*ServiceOffered_CompanyName*" e.g. "Stamping_StampingINC".

2

A Sourcing Analyst will contact you (the week of Nov 25-29) in case your company is selected to participate in the quoting process. If you are not contacted it means you don't meet one or more requirements for this quote. We'll keep you in our database for the future

3

Send your quote package to assigned Sourcing Analyst by Dec 06

4

Give an on-site presentation with skateholders and TE Connectivity top management

Important dates

Company Brochure Reception	November 20-29
Non - disclosure signature	November 28-29
Request for Quote	December 2-6
Call to present with TE Procurement Team	December 09
Final presentation with AD&M Procurement Board	December 12

STAMPING/METAL FORMING

Design and manufacture of custom tool and die for stamping and metal forming



High-speed progressive stamping and forming

Reel-to-reel connector plating



15 to 60 ton machinery/equipment

Micro and miniature metal stamping

Deep-drawn process



SPECIAL PROCESS



Nickel Braze

Industry Specifications:

1. ANSI/AWS C3.6M/C3.6 Specification for Furnace Brazing
2. ANSI/AWS A5.8/A5.8M Specification for Filler Metals for Brazing and Braze Welding

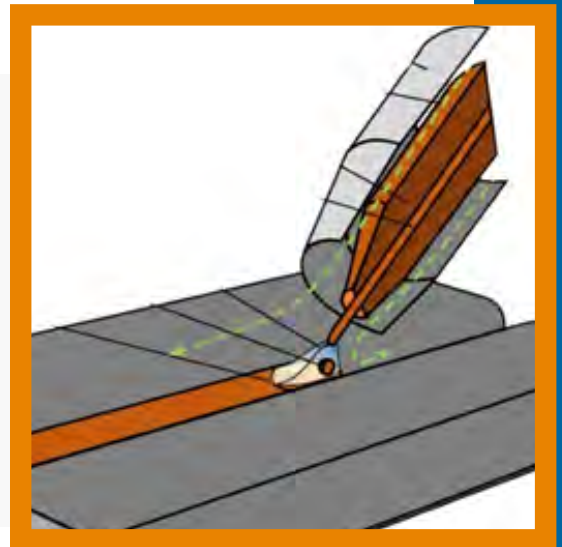
Cooper Braze

Reference: MIL-B-7883 (Brazing of Steels)

1. Copper Wire Gage 24, 26, 28
2. Bussing Wire .005, .125 Wide
3. Cubond 20-H Copper Paste
4. Cubond "G" Thinner
5. Microbraz No 400 Cement
6. .055 Diameter Copper Spheres
7. Microbraz LM

Equipment Required:

Air Operated 3cc Syringe (5CC, 10CC, 30CC, 55CC, SYRINGE) or Equivalent



Laser Welding

Equipment Required:
Precision Laser Welding

MACHINING



Turning (Circular connectors)
Materials: SST 303, 304;
Cold Rolled Steel
Equipment Required:
Twin spindle, living tool.

Screw Machine
(Contacts, Ferrules, Rivets, Inserts, etc)
Materials: BeCu, C96 & C97
Equipment Required:
CNC Screw Machine, High Speed SM (CAM),
Swiss Type, Cold Heading



Milling (Square Connectors, machine from billet)
Materials: Aluminium Alloys 6061, 6024, 6025, SST.
Equipment Required: 3,5,6 axis machining center



MOLDING



Thermoset Connectors.
Materials: Thermoset resin.
Equipment required:
Injection Molding Press
below 100 tons.



High Precision Parts.
Materials: Rubber
Equipment Required: Injection Molding
Press & Transfer



Hyflon Precision Parts
Materials: Thermo Resin
Equipment Required: Injection Molding Press
below 100 tons.



Thermoplastic Precision Parts
Materials: Thermoplastic Resin
Equipment Required: Injection Molding Press
below 100 tons.

PLATING

PRECIOUS METALS	OTHER	Ruthenium
		Rhodium
		Palladium-Nickel
		Palladium/Duragold
		Palladium Cobalt
		Matte Silver
	GOLD	Brite Silver
		Non- Cyanide
		Immersion
		Hi Purity-Soft
		Hard-Nickel Add
		Hard-Cobalt Add
		Gold On Stainless
		Electroless



Barrel Plating



Rack Plating

Woods	ELECTROLYTIC	BASE METALS
Matte Watts		
Matte Sulfamate		
Composite (I.E. Tungsten)		
Brite Watts		
Brite Sulfamate		
PTFE Impreg	ELECTROLESS	
Med Phos		
Low Phos		
High Phos		
Heat Treat		
Boron		

BASE METALS	COPPER	Noncyanide-Steel/Diecast
		Cyanide-Matte
		Cyanide-Bright
		Acid-Matte
		Acid-Bright



PLATING

TIN AND TIN ALLOYS	BRIGHT	Tin/Lead - 93/7
		Tin/Lead - 60/40
		Tin
	MATTE	Tin/Lead - 93/7
		Tin/Lead - 60/40
		Tin
		Lead/Tin - 90/10
	SPECIAL	Lead
		Tin/ Nickel
		Tin/Cobalt
		Tin/Bismuth
		Immersion Tin
	Electroless Tin	



Reel to reel plating



***NADCAP is desired.**



Woods	OTHER	TIN AND TIN ALLOYS
Matte Watts		
Matte Sulfamate		
Composite (I.E. Tungsten)		
Brite Watts		
Brite Sulfamate		

CHEMICALS AND PACKAGING

CHEMICALS



- Corrugated Carton.
- Folding Carton.
- Bubble wrap and bubble bags
- Custom Plastic bags.
- MIL-SPEC antistatic bags.
- Thermoformed trays.
- Custom molded foam.



PACKAGING