

AMERI SERVICE REQUEST FORM

AMERI provides an open access equipment infrastructure to support faculty and industry in the development and characterization of new materials. AMERI facility services are requested by completing this AMERI SERVICE REQUEST FORM. Due to heavy scheduling demands, it is recommended that requests be placed as soon as possible. Once the request has been received, AMERI will provide an estimate for the services. Upon receipt of signed approval on the estimate and/or purchase order, services will be scheduled and performed.

INSTRUCTIONS

- Electronically fill out this form. Save the form and email it to mbarruec@fiu.edu

Part I: Information

Date : _____

Principal Investigator's Name

First

Last

Email

Tel:

Company/ University

Contact Person

First

Last

Email

Tel:

Part II. Project Description

Scope of Work (Check all that apply) :

SEM	FIB	EDS	AFM	XRD	TEM
SDT	TGA	DSC	Flash Diffusivity	Tensile Testing	Thermal Processing
Cleanroom Fabrication	Hybridization/ Packaging	TEM Sample Preparation	Polishing	Other : (describe)	

Number of Samples :

Parameters required(example: temperature range, ramp rate, pull force, kVA, etc.) & **description of work:**

Rate(name)	Unit Base	Internal \$	External \$
SAMPLE PREP ROOM ACCESS	hr	6	21
CLEANROOM ACCESS [10 hr min]	Week	26	203
THERMAL PROCESSES	hr	3	11
AFM	hr	8	27
LOW RESOLUTION SEM	hr	13	30
SEM	hr	42	76
EDS	hr	19	168
TEM	hr	53	177
XRD	hr	21	80
DSC	hr	24	102
SDT	hr	23	44
FIB	hr	43	187
Ebeam Lithography	hr	63	211
Photolithography [1 hr. min]	hr	7	61
Laser Lithography UPG101	hr	10	19
Parylene Coating	hr	10	92
RIE [1 hr. min]	hr	13	34
Ashing	hr	4	62
PVD; Sputtering [base metals]	hr	23	129
PVD; Evaporation [base metals]	hr	21	151
RTA [1 hr. min]	hr	6	84
Sample coating [Au]	per cycle(3 min cycle)	9	16
Sample coating [C]	per cycle(3 min cycle)	6	54
Screen printer	hr	9	53
Wedge Bonder	hr	14	108
Cutting Laser	hr	17	56
Training	hr	30	65
Engineering Services	hr	33	49
Analytical Services	hr	44	86
Sample Preparation	hr	29	195
Tool Operation/Gen. Labor	hr	36	78
MTS Tensile Tester	hr	26	78
Nano Indenter	hr	38	181
Omniprobe	hr	27	124
PECVD	hr	39	290

Updated Dec 2013