

# **Evaluation of the Cost Impact of Florida’s specific changes to 2015 I-Codes “Prescriptive Code Changes”**

Presented to the

Florida Building Commission  
State of Florida Department of Business and Professional Regulation by

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Project Lead: R. Raymond Issa

## **1. Issues**

The proposed research assesses the cost impact of Florida’s specific changes to the 2015 I – Codes that are prescriptive in nature and that have the potential of adding cost to construction.

## **2. Relevant Sections of the Code (and related documents)**

- All Code sections as applicable

## **3. Statement of Work**

- (1) Review/analyze the Florida’s specific changes to the 2015 I – Codes to identify those code changes/provisions that are prescriptive in nature and have the potential of adding cost to construction.**
- (2) Use the standard set of baseline residential and commercial building designs previously used to evaluate the I-Codes to estimate the potential cost of Florida’s specific changes.**
- (3) Use the information in (1) and (2) and cost databases to produce cost estimates and extract cost impact of changes on the reference houses and commercial buildings.**

Sources of cost data will include R.S. Means Cost Data; distributors’ or big box retailers’ websites, and building contractors.

## **4. Deliverables**

- A report providing technical information on the problem background, results and cost implications of the prescriptive Code changes.

## 5. Budget

			<b>Budget</b>	
<b>(a) Salaries and Wages (Prime)</b>			<b>9/1/16 - 6/30/17</b>	
<i>Name</i>	<i>Role in Study</i>	<i>Direct Hourly Rate</i>	<i>Hours</i>	<i>Cost</i>
Raymond Issa	PI	\$93.00	190	\$ 17,670.00
Graduate Student	Research Assist.	\$30.00	350	\$ 10,500.00
<b>Subtotal</b>			<b>540</b>	<b>\$ 28,170.00</b>
<b>(c) Consultants (0)</b>				
				\$ -
				\$ -
<b>Subtotal</b>				<b>\$ -</b>
<b>(d) Subcontracts (0)</b>				
				\$ -
				\$ -
<b>Subtotal</b>				<b>\$ -</b>
<b>(e) Materials and Services (Prime)</b>				
N/A				
<b>Subtotal</b>				<b>0</b>
<b>(f) Communications and Shipping (Prime)</b>				
<i>Printing</i>				100
<i>Postage</i>				30
<b>Subtotal</b>				<b>130</b>
<b>(g) Travel (Prime)</b>				
<i>FBC Meetings</i>				250
<b>Subtotal</b>				<b>250</b>
<b>(i) Employee Benefit Plan &amp; Payroll Taxes (Prime)</b>				
(1) Employee Benefit Plan & Payroll Taxes 26.9%	<i>Faculty</i>			4753
(2) Employee Benefits 20.4%	<i>Graduate Student</i>			2142
<b>SUBTOTAL EMPLOYEE BENEFITS &amp; PAYROLL TAXES (PRIME)</b>				<b>6895</b>
<b>(j) Overhead (Prime) 10.0%</b>				<b>3545</b>
<b>GRAND TOTAL PROJECT</b>			<b>540</b>	<b>38990</b>