



INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

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To: All Signal Contractors

From: Karen B. Macdonald, PE 
Prequalification Engineer

Subject: Prequalification Work Types E(A) TRAFFIC CONTROL: ELECTRICAL INSTALLATIONS and 0377
TRAFFIC CONTROL: SIGNAL MAINTENANCE

For many years, INDOT Standard Specifications have required International Municipal Signal Association (IMSA) certification for traffic signal installation and maintenance related work, which is encompassed by prequalification work type codes E(A) and 0377. INDOT Recurring Special Provision 805-T-169, Section 805.03 General Requirements, paragraphs 6 and 7 specify the current requirements (excerpt attached). IMSA certifications include Traffic Signal Construction Technician Level II certification, Traffic Signal Field Technician Level II certification, and Work Zone Safety Specialist certification.

To ensure these requirements are met, the Prequalification Section is asking contractors to submit copies of current certifications with new and renewal prequalification applications. At a minimum, we will require copies of all IMSA certifications for at least one fully qualified employee for each work type. We will consider the number of employees with IMSA certifications in the determination of work type E(A) and 0377 capacity ratings. The same employee may be used for multiple work types.

If a Contractor's Statement of Experience and Financial Condition (Form CR-1) is submitted without evidence of employee IMSA certifications, then we will not approve work types E(A) and 0377. A contractor denied work type E(A) or 0377 due to non compliance may submit a written request, accompanied by evidence of employee IMSA certifications, for the addition of work type E(A) or 377 as a supplement to their Certificate of Qualification.

If you have any questions, please contact Fred Bartlett at 317-232-8364 or fbartlett@indot.in.gov or me at (317) 232-5094 or kmacdonald@indot.in.gov.

The following language related to IMSA certification requirements is extracted from page 3 of Special Provision 805-T-169, revised October 28, 2010, effective for lettings on or after January 1, 2011:

All electrical wiring terminations and splices; controller and cabinet set-up; and testing, review, and turn-on of all operational apparatus at each location shall be done by or in the presence of and under the responsible charge of an employee of the Contractor who holds a Level II Traffic Signal Electrician *Construction Technician Level II* certification which has been granted by the International Municipal Signal Association. *Installation inspections, troubleshooting, maintenance and repair of these systems shall be accomplished by or in the presence of and under the responsible charge of an employee of the Contractor who holds a Traffic Signal Construction Technician Level II certification or a Traffic Signal Field Technician Level II certification which has been granted by the International Municipal Signal Association.* Supervision of non-electrical, traffic signal related construction work and traffic control shall be done by a person holding, *at a minimum*, a Level I Work Zone Traffic Safety Specialist certification which has been granted by the International Municipal Signal Association, or an equivalent certification approved by the Department.

Before starting work, the Contractor shall provide the names of the Level II Traffic Signal Electrician *Construction Technicians, the Level II Traffic Signal Field Technicians* and Level I Work Zone Traffic Safety Specialists who have been assigned to perform signal related work, and a photocopy of each such person's certification card. If the Level II Traffic Signal Electrician *Construction or Field Technicians* or Level I Work Zone Traffic Safety Specialists are dismissed from the work, all signal related work requiring such certified personnel on the project site shall cease until the names and photocopies of certification cards for replacement personnel are provided to the Engineer.