

PHASE 2: PREPARE

Exam Blueprint

BICSI's credentialing programs are a gold standard in the ICT industry. The RTPM credential validates that the credential holder has mastery of knowledge and skills to perform telecommunications project management according to accepted best practices in the ICT industry. Every three-to-five years the Registrations & Credentials Supervision Committee (RCSC) oversees a Job Task Analysis (JTA) of this credentialing program to ensure the program is current, relevant, and held to the highest standard. Based on this analysis, eight core competencies were identified as essential to a Telecommunications Project Manager. These core competencies are outlined below.

RTPM EXAM CONTENT OUTLINE

PHASE I: PROJECT INITIATION

AREA OF EXPERTISE	% OF EXAM
Gather Specific Project Information	19-20%
<ul style="list-style-type: none"> Identify project type Identify location of project Verify customer requirements/specifications Identify owner/installer-furnished equipment Clarify customer expectations Define period of performance Define contract type Conduct package reviews, IDR Identify consultants/SMEs, key personnel, points of contact, subcontractors, service providers Perform site survey 	
Create Initial Project Budget Estimate	10-11%
<ul style="list-style-type: none"> Quantify project resources Consider location Determine life cycle maintenance plan including training, warranties, on-site support Confirm insurance requirements, bonding Identify fees 	

AREA OF EXPERTISE	% OF EXAM
Orchestrate Project Proposal	11-12%
<ul style="list-style-type: none"> • Incorporate information from key personnel • Incorporate subcontractors for opportunities if applicable • Research and comply with all applicable references • Write Statement of Work • Create organizational chart including name, contact info, responsibilities, title, and project experience • Receive/issue notice to proceed 	
Project Deliverables	24-25%
<ul style="list-style-type: none"> • Develop quality plan (QA, QC) • Assemble the change control (order) plan • Verify and coordinate safety plan • Generate communications plan • Assemble risk management plan • Assemble environmental plan • Prepare submittals 	
PHASE II: PROJECT EXECUTION	
Administrative	10-11%
<ul style="list-style-type: none"> • Issue/receive purchase/change orders/RFI throughout project life cycle • Host/schedule kick-off meeting • Procure approved project materials • Verify project costs 	
Project Launch	5-6%
<ul style="list-style-type: none"> • Mobilize project resources • Monitor and control project 	
Communication	2-3%
<ul style="list-style-type: none"> • Communicate project status • Consult with customer, SMEs, architects, engineers, general public, contractors, AHJ, local/state/national/international representatives, vendors, etc. 	

RTPM CREDENTIALING PROCESS

PHASE III: PROJECT CLOSURE

AREA OF EXPERTISE	% OF EXAM
Project Closure <ul style="list-style-type: none">• Conduct walk-through and document punch list items• Resolve punch list items• Create/submit final project documentation deliverables as defined in the scope of work• Perform lessons learned• Finalize invoice• Archive final project workbook and documents	13-14%