

CONSTRUCTION COST ESTIMATOR

RESOURCE CATEGORY	Hazard Mitigation
RESOURCE KIND	Personnel
OVERALL FUNCTION	A Construction Cost Estimator provides technical support in collecting and analyzing data to estimate the time, money, resources, and labor required for Hazard Mitigation (HM) construction projects
COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. This position can be ordered as a single resource or in conjunction with a National Incident Management (NIMS) typed team (Hazard Mitigation Operations Team) 2. Requester specifies any additional qualifications necessary based on incident type, complexity and needs 3. Discuss logistics for this position, such as working conditions, length of deployment, security, lodging, transportation and meals, prior to deployment

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	SINGLE TYPE	NOTES
DESCRIPTION	<p>The Construction Cost Estimator:</p> <ol style="list-style-type: none"> 1. Provides technical support in collecting and analyzing data to estimate the time, money, resources, and labor required for HM construction projects 2. Coordinates and consults with stakeholders in the HM construction project including engineers, architects, owners, and contractors to develop project costs for bids and HM grant applications 3. Contributes to evaluations of the technical feasibility and eligibility of the overall HM project and makes recommendations to make a project more cost effective 4. Suggests Section 404 Hazard Mitigation Grant Program and Section 406 Public Assistance Program mitigation and reconstruction options 	Evaluations of a project's cost effectiveness may be conducted in consultation with a Benefit-Cost Specialist
EDUCATION	Minimum of an Associate degree (Bachelor's degree preferred) in a related field including construction management, engineering, mathematics, statistics or building sciences, or commensurate experience in the field of construction	<ol style="list-style-type: none"> 1. For many communities, the Construction Cost Estimator may not be a separate job title but may be the responsibility of an engineer, building official, or planner 2. The position may also be filled by a private contractor
TRAINING	<p>Completion of the following:</p> <ol style="list-style-type: none"> 1. IS-100: Introduction to the Incident Command System, ICS 100 2. IS-284: Using the Substantial Damage Estimator 3.0 Tool 3. IS-393: Introduction to Hazard Mitigation 4. IS-700: An Introduction to the National Incident Management System 	<ol style="list-style-type: none"> 1. IS-284 can be substituted with an equivalent damage estimator training course 2. E-212: Hazard Mitigation Assistance: Developing Quality Application Elements is recommended, but not required
EXPERIENCE	<p>Knowledge, Skills, and Abilities:</p> <ol style="list-style-type: none"> 1. Knowledge of the construction industry and cost estimating software applications 2. Ability to estimate and evaluate construction costs in pre- and post-incident environments 3. Knowledge of Authority Having Jurisdiction (AHJ) building codes <p>Experience:</p> <p>A minimum of four years of experience in the construction industry</p>	Not Specified

COMPONENT	SINGLE TYPE	NOTES
PHYSICAL/ MEDICAL FITNESS	Light	The NIMS Guideline for the National Qualification System (NQS) defines Physical/Medical Fitness levels for NIMS positions
CURRENCY	Currency is determined by the AHJ	Not Specified
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	It is recommended, but not required, to have a professional certification in cost estimating and analysis or equivalent through a nationally recognized certification entity



Position Qualification for Operational Coordination Hazard Mitigation

NOTES

Nationally typed resources represent the minimum criteria for the associated component.

REFERENCES

1. FEMA, National Incident Management System, October 2017
2. FEMA, NIMS Guideline for the National Qualification System, November 2017
3. FEMA, National Disaster Recovery Framework, June 2016
4. FEMA, National Mitigation Framework, June 2016
5. FEMA, National Response Framework, October 2019
6. Robert T. Stafford Disaster Relief and Emergency Assistance Act, Public Law 93-288, as amended, 42 U.S.C. 5121 et seq., § 404 and 406
7. FEMA, Disaster Assistance Policy 9526.1, Hazard Mitigation Funding Under Section 406
8. FEMA, NIMS 508: Hazard Mitigation Operations Team