ICTPMG502 Develop customer premises equipment installation project plans

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 2.0.

Application

This unit describes the skills and knowledge required to plan installation of customer premises equipment (CPE).

It applies to individuals who have a high level of specialist technical skills and knowledge in telecommunications and IT networks using internet protocol (IP) systems, and who may supervise others.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Telecommunications – project management

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Assess project requirements	1.1 Discuss and clarify project deliverables with customer using available documentation 1.2 Determine the type of CPE installation project proposed 1.3 Evaluate access, work health and safety (WHS) and environmental issues and include in job specification 1.4 Quantify and source equipment required 1.5 Estimate costs using organisational costing guidelines

2. Prepare detailed system design and configuration	2.1 Capture data necessary to project design brief
	2.2 Negotiate system specifications based on project requirements with customer and sales staff
	2.3 Translate available data into detailed system design and configuration
	2.4 Verify deliverables with customer
3. Detail project and quality plans	3.1 Develop project plan to meet customer's needs with detailed task list, resource needs and timeframes
	3.2 Develop contingency plans to meet problems that may arise
	3.3 Produce a quality plan, incorporating process flow charts
	3.4 Verify plans with customer and appropriate personnel

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Reading	1.1-1.3	• Analyses and interprets a variety of textual information to determine key information, requirements and project deliverables
Writing	1.1, 1.3, 2.2, 2.4, 3.1, 3.3, 3.4	• Develops accurate technical documents and diagrams for a specific audience using clear and detailed language to convey explicit information
Oral Communication	1.1, 2.2, 2.4, 3.4	• Clearly articulates information using relevant language suitable for specific audiences and checks for understanding
Numeracy	1.4, 1.5, 3.1, 3.3	• Uses mathematical calculations to determine costs and timelines • Produces flow charts and other diagrams that capture job specifications
Navigate the world of work	1.3, 1.5	• Monitors adherence to legal and regulatory rights and responsibilities and organisational policies and procedures, with specific reference to workplace safety • Considers own role in terms of its contribution to the broader goals of the work environment

Get the work done	1.2-1.4, 2.1, 2.3, 3.2	• Plans a range of routine tasks, accepting stated goals and aiming to achieve them efficiently
		• Takes responsibility for the outcomes of routine decisions related directly to own role
		• Recognises and anticipates an increasing range of familiar problems, their symptom and causes, actively looking for early warning signs and implementing contingency plans
		• Reflects on the ways in which digital systems and tools are used or could be used to achieve work goals, and begins to recognise strategic and operational applications

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICTPMG502 Develop customer premises equipment installation project plans	ICTPMG5027A Develop customer premises equipment installation project plans	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2