



TABLE OF CONTENTS

Chapter 19: Plans, Specifications, and Estimates

Section 19-1 Introduction

- 19-1-1.....General
 - Attachment 1.1.....Abbreviations in FDM Chapter 19
 - Attachment 1.2.....Central Office PS&E Contacts
 - Attachment 1.3.....Utility Exception Example
 - Attachment 1.4.....Real Estate Exception Example
 - Attachment 1.5.....Proposal Preparation Process Schedule
 - Attachment 1.6.....Central Office Proposal Preparation Process
- 19-1-3.....Project Letting Process (PLP)
 - Attachment 3.1.....Project Letting Process for Fiscal Year “X”
 - Attachment 3.2.....Schedule for Establishing Annual Letting Implementation Plan (LIP)
 - Attachment 3.3.....Sample Letting Restriction List
 - Attachment 3.4.....Cumulative Monthly Goals
- 19-1-5.....Proprietary Products
 - Attachment 5.1.....Example DT1584 Patented or Proprietary Product Justification
- 19-1-7.....Use of Publicly Owned Equipment on Let Contracts
- 19-1-9.....State Owned, Furnished and Designated Materials for Let Contracts
- 19-1-11.....Expedited Lettings
 - Attachment 11.1.....Selecting a Contract Type

Section 19-5 Estimates

- 19-5-1.....General
- 19-5-3.....Bid Item Guidance
 - 3.1.....Updated/Newer Bid Items
 - 3.2.....Usage Guidance for Other Items
 - 3.3.....Quantities
 - Attachment 3.1.....Quantity Reference Table
 - Attachment 3.2.....FIIPS Quantities Update Form
- 19-5-5.....Construction Estimates
 - Attachment 5.1.....Recommended Letting Months by Improvement Strategy
- 19-5-6.....Construction Estimate Documentation Report
- 19-5-7.....Construction Estimate Review
- 19-5-10.....Create Estimate and Proposal
- 19-5-20.....FHWA Project Authorization Process (Delegated Projects)

Section 19-10 PS&E Transmittal and Composition

- 19-10-1.....Transmittal of Let Project PS&Es
- 19-10-5.....Final Review
 - Attachment 5.1.....BPD - Quality Review Checklist
 - Attachment 5.2.....BOS – Quality Review Checklist
 - Attachment 5.3.....BHM - Quality Review Checklist
 - Attachment 5.4.....BTS Environmental Section - Quality Review Checklist
 - Attachment 5.5.....BTLRRH - Quality Review Checklist
 - Attachment 5.6.....BTS Acquisition & Services Section - Quality Review Checklist
 - Attachment 5.7.....PIF Salvaged Materials Template
- 19-10-10.....Transmittal of Let Project PS&E Exhibits
- 19-10-15.....Plan Letter
- 19-10-20.....Governors Approval Form (DT25)
 - Attachment 20.1.....Sample of Form DT25, Governor’s Approval Form
- 19-10-25.....Sample Proposal
 - Attachment 25.1.....Sample of Completed DT1502 Form Highway Work Proposal
- 19-10-30.....Contract Time for Completion (DT1923)
 - Attachment 30.1.....Sample of Form DT1923, Contract Time for Completion
 - Attachment 30.2.....Percentage Factors for Probable Working Days
- 19-10-35.....Certificate of Right of Way (DT1899)
 - Attachment 35.1.....Certificate of Right of Way
- 19-10-40.....Utilities Status Report (DT1080)
- 19-10-42.....Certification of Railroad Coordination with Highway Construction
- 19-10-43.....Digital Data Exchange
 - Attachment 43.1.....Civil 3D Specific Design Deliverable Requirements
- 19-10-45.....Changes to Consultant Plans

19-10-50Revisions of PS&E and Resubmittal of Rejected Proposals

Section 19-15 Special Provisions

19-15-1.....Introduction

19-15-2.....Alternative Contracting

Attachment 2.1.....Cost Plus Time (A + B) Bidding

Attachment 2.2.....Cost Plus Time (A + B1 + B2 + B3) Bidding

Attachment 2.3.....Cost Plus Time (A + Lane Rental) Bidding

Attachment 2.4.....Cost Plus Time (Accelerated Bridge Construction) Bidding

Attachment 2.5.....Lane Rental Fee Assessment (Example for Simple Night Work)

Attachment 2.6.....Lane Rental Fee Assessment (Example for Multiple Closure Situations)

Attachment 2.7.....Enhanced Liquidated Damages

Attachment 2.8.....Incentives/Disincentives for Interim Completion of Work

Attachment 2.9.....Flexible Notice-to-Proceed

19-15-3.....Guarantees, Warranties, Establishment Periods, and Proving Periods

19-15-5.....General

19-15-10.....Scope of Work

19-15-11Consideration of Proposals

19-15-12.....Proposal Guaranty

19-15-14.....Coordination and Prosecution and Progress

19-15-15.....Prosecution and Progress

Attachment 15.1.....Choosing the Appropriate Prosecution & Progress STSP

19-15-20.....Traffic

19-15-23.....Holiday and Weekend Work Restrictions

19-15-25.....Utilities

19-15-26.....Other Contracts and Work by Others

19-15-35.....Railroad Special Provisions

Attachment 35.1.....Railroad Special Provisions Selection

19-15-45.....Hauling Restrictions

Attachment 45.1.....Sample Special Provision

19-15-55.....Environmental Protection

19-15-60.....Erosion Control

19-15-75.....Specification Modifications

19-15-80.....Special Provision Bid Items SPV

Attachment 80.1.....Nonstandard Bid Item Sample

19-15-85.....Standardized Special Provisions Bid Items (STSP) ###.####.S

19-15-90.....Additional Special Provisions

Section 19-21 Quality Management Program

19-21-1.....Overview

19-21-2.....Use of Standard Specification and Incentives for QMPs

19-21-5.....Use of Standard Special Provision and Incentive Item QMPs

Section 19-22 Post-Advertisement Activities

19-22-1.....Addenda

Attachment 1.1.....Addenda Process Flow Chart

Attachment 1.2.....Addenda Development Form (blank)

Attachment 1.3.....Sample Completed Addenda Development Form

Attachment 1.4.....Addendum Form (Blank)

Attachment 1.5.....Sample Completed Addendum

19-22-5.....Post Advertisement Questions and Answer Process

Section 19-25 Local Force Account Agreements

19-25-1General

19-25-5.....Local Force Account (LFA) Agreements

Attachment 5.1.....DT2056 Agreement for Construction, Local Force Account

Attachment 5.2.....Additional Provisions for Federal-Aid Force Accounts

Attachment 5.3.....Item Unit Cost Analysis

Attachment 5.4.....Project Unit Cost Analysis

Attachment 5.5.....PS& E Exhibit Distribution Chart for Local LFA Contracts

19-25-10.....Special Provisions

Attachment 10.1.....Sample Special Provision for a Local Force Account Agreement

Attachment 10.2.....Sample Special Provision for a Local Force Account Agreement

Attachment 10.3.....Required Non-discrimination Provision for Federal-Aid Contracts

Section 19-30 Razing and Removal Contracts

19-30-1.....General

Attachment 1.1.....Plan Letter for Razing and Removal

Attachment 1.2.....Engineer's Estimate

Attachment 1.3.....Governor's Approval Form DT25 for Razing and Removal

Attachment 1.4.....Highway Work Proposal DT1502 for Razing and Removal

Attachment 1.5.....Special Provisions for Razing and Removal

Attachment 1.6.....Exhibits

Attachment 1.7.....Bid Form and Instructions for Razing and Removal

Section 19-35 TEA and EDA Funded Projects

19-35-1.....General

Section 19-40 Review

Exhibit 1.1.....PS&E Pre-Submittal Review Guide

Exhibit 1.2.....Standard Detail Drawings (Examiner's List)