

SPECIFICATION SECTION 01150

CONTRACTOR'S SUBMITTALS

TABLE OF CONTENTS

1. DESCRIPTION.....	3
2. REQUIREMENTS	3
2.1 Submittals Classification and List.....	3
2.2 Requirements for the Contractor' Submittals	4
2.3 Construction Photographs and Video Recording	5
2.3.1 Photographs.....	5
2.3.2 Video Recording.....	5
3. MEASUREMENT AND PAYMENT.....	6

SPECIFICATION SECTION 01150 - CONTRACTOR'S SUBMITTALS

1. DESCRIPTION

This Specification Section prescribes the form and contents of the documents or materials for the Works that shall be submitted to the Engineer for review and approval, or for testing in accordance with the requirements in the Specification Sections.

2. REQUIREMENTS

2.1 Submittals Classification and List

The submittals established are classified, and listed up, into the following types:

(a) Directly Paid Submittals, including all related submittals, are listed below:

Description	Applicable Section in Specification
Method Statements	Chapter II General Specification and applicable Specification Sections
Contractor's Mobilization Program	01100 Contractor's Mobilization & Demobilization
Contractor's Drawings including Shop Drawings, Working Drawings, other Drawings and As Built Drawings	01200 Contractor's Drawings
Construction Survey for the preparation of Shop Drawings & Method Statements	01200 Contractor's Drawings
Maintenance and Protection Program of Traffic	01600 Maintenance and Protection of Traffic
Environmental Control Plan including Environmental Management Plans	01700 Environmental Control & Protection

A separate payment for the submittals shall be made in accordance with the applicable Specification Sections.

(b) Indirectly Paid Submittals, including all related documents, records and reports, and materials, are listed below:

Description	Applicable Section in Specification
Construction Photographs and Video Recording	Specification Section 01150, Subsection 2.3
Monthly Progress Reports, Quality Control Summary, Safety Summary, Equipment Report	01400 Monthly Progress Reports
Traffic Control Plan	01400 Monthly Progress Reports
Contractor's Safety Plan	01500 Project Safety

Flood Control Plan	01950 Flood Control
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A separate payment shall not be made for these submittals. They shall be included in the rates and prices for the other main items, or distributed among all the Items listed in the Bill of Quantities.

- (c) Inherently Paid Submittals, including all related documents, records and reports, and materials, are listed below:

Description	Applicable Section in Specification
Program, Schedule, Cash Flow	01300 Program of Works
Survey of Local Roads prior to the commencement of construction subject to damage during construction operations	01620 Restoration of Infrastructure affected by Construction
All the forms, records and reports, technical documents, instruments and equipment's catalogues and reference guides (when required by the Engineer), lists and inventories	01750 Laboratory
Quality Control Plan	01800 Contractor's Quality Control
Schedule of Materials	01900 Control of Materials
Survey of Existing Facilities & Utilities	02300 Protection of Existing Utilities

A separate payment shall not be made for these submittals. They shall be included in or distributed among all the rates and prices entered in the Bill of Quantities.

2.2 Requirements for the Contractor' Submittals

These requirements are intended to be mutually explanatory and read in conjunction with the submittals specified in the Conditions of Contract.

All the submittals specified in each Section of this Specification, to be made by the Contractor, shall be submitted at the specified time.

All submittals specified in these Specifications shall be provided as hard copies with editable electronic files recorded on approved software or applications where possible. The standard submission requirements are:

Latest edition of all standards, regulations, guidelines, specifications, technical papers, monographs, catalogues, and other technical documents required	1 copy
Contractor's Drawings (size A3)	5 copies
Technical Documents (size A4 or A3)	3 copies
Schedule of Works (size A4 or A3)	3 copies
Technical Manuals and/or Guidelines (if required)	3 copies
Technical Manuals – CD ROM (if required)	2 copies

2.3 Construction Photographs and Video Recording

2.3.1 Photographs

The Contractor shall take photographs by digital camera (the use of film cameras is not allowed), which automatically records the date, month and year, as described below:

Items	Timings	Submission Time
Photographs at intervals of no more than 200 meters along the route of the Works	Each month throughout the work before the commencement of work	With monthly report or as otherwise required by the Engineer
Photographs of each entire site, all the structure sites, or pertinent features		
The same views from same points as above	Upon completion of all construction activities	With the Contractor's application for final payment

- Number of photographs shall be at the discretion of the Engineer.
- The Contractor shall supply both hard and electronic copies of photographs as required by the Engineer. The Contractor shall provide the software to the Engineer for computerized storage, editing and reproduction of photographs.
- Each photograph shall be suitably captioned.
- The Engineer may at any time withhold monies if, in his opinion, the provisions for construction photographs made by the Contractor are not in compliance with these requirements.

2.3.2 Video Recording

- The Contractor shall keep a video recording of the construction progress and salient features of the Works. Upon completion of the Works, the record shall be edited and compiled, based on the following specifications:

Video System:	DVD
Recording Time	90 minutes
Language:	Both Vietnamese & English versions
Copies:	Shall submit 5 (Five) for each version
Subjects:	① Original conditions of the Site
	② Mobilization and Site preparation
	③ Installation of equipment and facilities
	④ Installation of plant and plant under operation
	⑤ Earthworks
	⑥ Soft soil treatment
	⑦ Pavement works
	⑧ Construction of bridges and other major structures
	⑨ Toll plaza and service area (for Package 2)
	⑩ Electrical and telecommunication utilities
	⑪ Laboratory and testing for Quality control
	⑫ Commencement and completion ceremonies
	⑬ Testing and inspection for Acceptance of the Works
	⑭ Others as required by the Engineer

- b) The Contractor shall submit the outline of the narrative prior to the compilation of the video record for the approval of the Engineer. The final video record shall be produced by a specialist company approved by the Engineer and submitted to the Employer and the Engineer within 30 days after the issue of the Taking-Over Certificate

3. MEASUREMENT AND PAYMENT

The provision of Construction Photographs and Video Recording in accordance with the provisions and requirements identified in this Specification Section is defined as Indirectly Paid Work, which shall neither be measured nor paid separately and shall be deemed included in the rates and prices for other main items or distributed among all the pay items listed in the Bill of Quantities. No separate payment will be made for these items.

Any Construction Photographs and Video Recording Works not specifically identified in this Specification Section but which are necessary for the performance of the Works shall be deemed to be Indirectly Paid Work, which shall neither be measured nor paid separately and shall be deemed included in the rates and prices for other main items or distributed among all the pay items listed in the Bill of Quantities.

The cost of submittals that may be required during the Contract execution, or as required by the Engineer but which are not specifically specified or described in the Specification Sections or the Bill of Quantities shall be deemed included in or distributed among all the rates and prices entered for the unit prices of the Bill of Quantities; no separate payment shall be made for these items.