

2. **For Labor Component** – the cost of labor shall include the following:
 - 2.1. Salaries and wages, as authorized by the Department of Labor and Employment (DOLE), issued by the DPWH through a memorandum.
 - 2.2. Fringe benefits, such as vacation and sick leaves, benefits under the Workmen’s Compensation Act, GSIS and/or SSS contributions, allowances, 13th month pay, bonuses, etc.
3. **For Equipment Component** – the equipment expenses shall comply with the following:
 - 3.1. Rental rates of equipment shall be based on the current Association of Carriers and Equipment Lessors (ACEL) Equipment Guidebook approved for use by the DPWH. Rental rates of equipment not indicated in the ACEL Equipment Guidebook shall be taken from the rental rates prepared by the Bureau of Equipment (BOE). For simplicity in computation, the operated rental rates are preferred over the bare rental rates as the former includes operator’s wages, fringe benefits, fuel, oil, lubricants, and equipment maintenance. The make, model, and capacity of the equipment to be utilized should be indicated in the DUPA.
 - 3.2. Mobilization/Demobilization pay item shall be calculated based on the equipment requirements of the project stipulated in the proposal and contract booklet. The cost of mobilization and demobilization shall not exceed 1% of the Estimated Direct Cost (EDC) of all programmed pay items that are civil works in nature, including those pay items under Facilities for the Engineers and Other General Requirements that are civil work in nature. However, in exceptional circumstances where the mobilization and demobilization cost exceed the prescribed 1% threshold, the DUPA reflecting the actual computed mobilization and demobilization costs shall be approved, duly signed, by the approving authority, in accordance with the latest limits of delegated authority governing the approval of POW and ABC. A copy of the approved DUPA for Mobilization/Demobilization, along with the corresponding POW and ABC, must be submitted to the BOC within fifteen (15) calendar days from the date of approval.
 - 3.3. Permits and Clearances pay item shall include the cost of securing MMDA permit, LGU permits, Bureau of Fire Protection Clearance, and other government fees.

B. The **Indirect Cost** shall consist of the following:

1. **Overhead, Contingencies, and Miscellaneous (OCM) Expenses:**
 - 1.1. Overhead Expense shall be 7% to 11% of the EDC, and shall include the following:
 - 1.1.1. Engineering and administrative supervision
 - 1.1.2. Transportation allowances



- 1.1.3. Office expenses (e.g., for the rental of office and quarters, service vehicle, office equipment and supplies, power and water consumption, communication and maintenance)
- 1.1.4. Premium on Contractor’s All Risk Insurance (CARI)
- 1.1.5. Financing cost such as:
 - a. Premium on Bid Security
 - b. Premium on Performance Security
 - c. Premium on Surety for Advance Payment
 - d. Premium on Warranty Security (one year)
- 1.2. Contingencies shall be 0.5% to 3% of the EDC, and shall include expenses for monthly/weekly meetings, coordination meetings with other stakeholders, billboards (excluding Project Billboard/Signboard required by the DPWH and other Government Agencies such as: COA, DENR, etc., which shall be programmed under Part B - Other General Requirements), stages during the groundbreaking and inauguration ceremonies, and unforeseen/other events relative thereto.
- 1.3. Miscellaneous Expenses shall be 0.5% to 1% of the EDC, and shall include laboratory tests for quality control and plan preparation.
- 2. **Contractor’s Profit (CP)** shall be 8% of the EDC for projects with EDC of above PhP 5 Million and 10% for projects with EDC of PhP 5 Million and below.

For ease of calculation, the mark-up percentages for OCM and CP, based on the EDC, shall be specified in the following table.

Estimated Direct Cost (EDC)	OCM (% of EDC)	CP (% of EDC)	Total (% of EDC)
Up to PhP 5 Million	15	10	25
Above PhP 5 Million to PhP 50 Million	12	8	20
Above PhP 50 Million to PhP 150 Million	10	8	18
Above PhP 150 Million	8	8	16

The applicability of OCM and CP for pay items under Facilities for the Engineer (Part A) and Other General Requirements (Part B) are set forth in **Annexes A** and **B**.

- 3. **Value Added Tax (VAT)** Component – shall be a percentage of the sum of the EDC, OCM, and CP. The applicable rate shall be based on the latest guidelines issued by the DPWH Finance Service, in adherence to the provisions of the National Internal Revenue Code and its amendments, wherein the

Bureau of Internal Revenue (BIR) is mandated to give effect to and administer the supervisory and police powers conferred to it by the said code or other laws.

II. Program of Works (POW)

In addition to the Direct Cost and Indirect Cost, the POW shall also include the Engineering and Administrative Overhead (EAO). Percentage to be used for the EAO shall be in accordance with the latest existing policy on the *Breakdown of the Allocation of the Authorized Deductions from Project Related Expenses to be Used for Engineering and Administrative Overhead (EAO) and Maintenance and Other Operating Expenses (MOOE) of the DPWH Budget.*

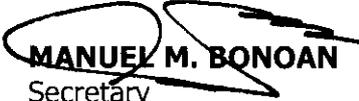
III. Standard Forms.

The prescribed format in preparing and processing of POW, ABC, and DUPA, including the instructions in filling-out the forms and corresponding signatories, attached as **Annex C**, may be downloaded from the DPWH Intranet Website.

The DPWH Implementing Offices shall continuously update their information/statistics on market prices of all construction inputs and use only unit prices that are realistic based on valid up-to-date information and references, in contrast to guesswork and haphazard pricing. Furthermore, all assumptions utilized in the preparation of the POW and ABC shall be explicitly stated in the supporting cost analyses and/or any accompanying documents.

This Order shall supersede the following issuances, including other policies or portions thereof that are inconsistent herewith, and shall be enforced in the preparation of cost estimates beginning CY 2026.

1. Department Order No. 197, Series of 2016
2. Department Order No. 133, Series of 2019


MANUEL M. BONOAN
Secretary

Department of Public Works and Highways
Office of the Secretary



WIN5W02325

Encl:

- Annex A – Pay items under Facilities for the Engineer (Part A) which shall be/shall not be subjected to OCM and/or CP
- Annex B – Pay items under Other General Requirements (Part B) which shall be/shall not be subjected to OCM and/or CP
- Annex C – Prescribed format in preparing, and processing of POW, ABC, and DUPA, instructions in filling out the format and corresponding signatories

6.1 ASB|AGC

PART A - FACILITIES FOR THE ENGINEER

Pay Item (Number)	Suffix (Subscript)	Description	Valid Values			Unit Of Measure	WITH	
			Thickness/Sizes	Class	Others		OCM	CP
REVISED STANDARD PAY ITEM LIST FOR INFRASTRUCTURE PROJECTS DPWH STANDARD SPECIFICATIONS FOR HIGHWAYS, BRIDGES AND AIRPORTS, VOLUME II								
A.1.1 Offices and Laboratory for the Engineer								
A.1.1 (1)		Construction of Combined Field Office, Laboratory and Living Quarters Building for the Engineer				Lump Sum	✓	✓
A.1.1 (2)		Construction of Combined Field Office and Laboratory Building for the Engineer				Lump Sum	✓	✓
A.1.1 (3)		Construction of Field Office for the Engineer				Lump Sum	✓	✓
A.1.1 (4)		Construction of Field Laboratory for the Engineer				Lump Sum	✓	✓
A.1.1 (5)		Construction of Living Quarters for the Engineer				Lump Sum	✓	✓
A.1.1 (6)		Provision of Combined Field Office, Laboratory and Living Quarters Building for the Engineer (Rental Basis)				Month	✗	✓
A.1.1 (7)		Provision of Combined Field Office and Laboratory Building for the Engineer (Rental Basis)				Month	✗	✓
A.1.1 (8)		Provision of Field Office for the Engineer (Rental Basis)				Month	✗	✓
A.1.1 (9)		Provision of Laboratory for the Engineer (Rental Basis)				Month	✗	✓
A.1.1 (10)		Provision of Living Quarters for the Engineer (Rental Basis)				Month	✗	✓
A.1.1 (11)		Provision of Furnitures/Fixtures, Equipment & Appliances for the Field Office for the Engineer				Lump Sum	✗	✓
A.1.1 (12)		Provision of Furnitures/Fixtures, Equipment & Appliances for Laboratory Building for the Engineer				Lump Sum	✗	✓
A.1.1 (13)		Provision of Furnitures/Fixtures & Appliances for the Living Quarters for the Engineer				Lump Sum	✗	✓
A.1.1 (14)		Provision of Laboratory Testing Equipment, Apparatus and Publications for the Engineer				Lump Sum	✗	✓
A.1.1 (15)		Operation & Maintenance of Temporary Field Office, Laboratory and Living Quarters Building for the Engineer				Month	✗	✓
A.1.1 (16)		Operation & Maintenance of Field Office for the Engineer				Month	✗	✓
A.1.1 (17)		Operation & Maintenance of Laboratory Building for the Engineer				Month	✗	✓
A.1.1 (18)		Operation & Maintenance of Living Quarters for the Engineer				Month	✗	✓
A.1.1 (19)		Construction of Combined Field Office and Living Quarters Building for the Engineer				Lump Sum	✓	✓
A.1.1 (20)		Provision of Combined Field Office and Living Quarters Building for the Engineer (Rental Basis)				Month	✗	✓

Pay Item (Number)	Suffix (Subscript)	Description	Valid Values			Unit Of Measure	WITH	
			Thickness/Sizes	Class	Others		OCM	CP
A.1.1 (21)		Provision of Furniture/Fixtures, Equipment & Appliances for the Field Office for the Engineer (Rental Basis)				Month	✗	✓
A.1.1 (22)		Provision of Furniture/Fixtures, Equipment & Appliances for Laboratory Building for the Engineer (Rental Basis)				Month	✗	✓
A.1.1 (23)		Provision of Furniture/Fixtures & Appliances for the Living Quarters for the Engineer (Rental Basis)				Month	✗	✓
A.1.1 (24)		Provision of Laboratory Testing Equipment, Apparatus and Publications for the Engineer (Rental Basis)				Month	✗	✓
A.1.2 Vehicles for the Engineer								
A.1.2 (1)		Provision of 4x4 Pickup Type Service Vehicle for the Engineer				Unit	✗	✗
A.1.2 (2)		Provision of 4x4 Pickup Service Vehicle for the Engineer on Bare Rental Basis				Vehicle-Month	✗	✗
A.1.2 (3)		Provision of 4x2 Pickup Type Service Vehicle for the Engineer				Unit	✗	✗
A.1.2 (4)		Provision of 4x2 Pickup Type Service Vehicle for the Engineer on Bare Rental Basis				Vehicle-Month	✗	✗
A.1.2 (5)		Operation and Maintenance of 4x4 Pickup Type Service Vehicle for the Engineer				Vehicle-Month	✗	✗
A.1.2 (6)		Operation and Maintenance of 4x2 Pickup Type Service Vehicle for the Engineer				Vehicle-Month	✗	✗
A.1.2 (7)		Provision of Passenger Van				Unit	✗	✗
A.1.2 (8)		Provision of Passenger Van on Rental Basis				Vehicle-Month	✗	✗
A.1.2 (9)		Operation and Maintenance of Passenger Van				Vehicle-Month	✗	✗
A.1.2 (10)		Provision of Motorized Banca for the Engineer				Unit	✗	✗
A.1.2 (11)		Provision of Motorized Banca for the Engineer (Rental Basis)				Vehicle-Month	✗	✗
A.1.2 (12)		Operation and Maintenance of Motorized Banca for the Engineer				Vehicle-Month	✗	✗
A.1.2 (13)		Provision of Motorized Boat/Seacraft for the Engineer				Unit	✗	✗
A.1.2 (14)		Provision of Motorized Boat/Seacraft for the Engineer (Rental Basis)				Vehicle-Month	✗	✗
A.1.2 (15)		Operation and Maintenance of Motorized Boat/Seacraft for the Engineer				Vehicle-Month	✗	✗
A.1.2 (16)		Provision of Mini Bus for the Engineer				Unit	✗	✗
A.1.2 (17)		Provision of Mini Bus for the Engineer (Rental Basis)				Vehicle-Month	✗	✗
A.1.2 (18)		Operation and Maintenance of Mini Bus for the Engineer				Vehicle-Month	✗	✗
A.1.2 (19)		Provision of Motorcycle for the Engineer				Unit	✗	✗
A.1.2 (20)		Provision of Motorcycle for the Engineer (Rental Basis)				Vehicle-Month	✗	✗
A.1.2 (21)		Operation and Maintenance of Motorcycle for the Engineer				Vehicle-Month	✗	✗
A.1.3 Assistance to the Engineer								
A.1.3 (1)		Provision of Field Office Staff for the Assistance to the Engineer				Month	✗	✓
A.1.3 (2)		Provision of Survey Equipment for the Assistance to the Engineer				Lump Sum	✗	✓
A.1.3 (3)		Provision of Survey Personnel for the Assistance to the Engineer				Month	✗	✓
A.1.3 (4)		Provision of Laboratory Personnel for the Assistance to the Engineer				Month	✗	✓
A.1.3 (5)		Provision of Survey Equipment for the Assistance to the Engineer (Rental Basis)				Month	✗	✓

Pay Item (Number)	Suffix (Subscript)	Description	Valid Values			Unit Of Measure	WITH	
			Thickness/Sizes	Class	Others		OCM	CP
A.1.4 Photographs								
A.1.4 (1)		Provision of Progress Photographs				Month	x	✓
A.1.4 (2)		Provision of Video Recording Equipment				Set	x	✓
A.1.4 (3)		Provision of Progress Videos				Month	x	✓
A.1.4 (4)		Provision of Documentary Video				Lump Sum	x	✓
A.1.5 Communication Facility								
A.1.5 (1)		Provision of Communication Facility/Equipment for the Engineer				Lump Sum	x	✓
A.1.5 (2)		Operation and Maintenance of Communication Facility/Equipment for the Engineer				Month	x	✓
A.1.5 (3)		Provision of Communication Facility/Equipment for the Engineer				Month	x	✓
REVISED STANDARD PAY ITEM LIST FOR INFRASTRUCTURE PROJECTS DPWH STANDARD SPECIFICATION FOR PUBLIC WORKS STRUCTURES, VOLUME III (BUILDINGS, PORTS AND HARBORS, FLOOD CONTROL AND DRAINAGE STRUCTURES, AND WATER SUPPLY SYSTEM)								
A.1.1 (1)		Construction of Combined Field Office, Laboratory and Living Quarters Building for the Engineer				Lump Sum	✓	✓
A.1.1 (2)		Construction of Combined Field Office and Laboratory Building for the Engineer				Lump Sum	✓	✓
A.1.1 (3)		Construction of Field Office for the Engineer				Lump Sum	✓	✓
A.1.1 (4)		Construction of Field Laboratory for the Engineer				Lump Sum	✓	✓
A.1.1 (5)		Construction of Living Quarters for the Engineer				Lump Sum	✓	✓
A.1.1 (6)		Provision of Combined Field Office, Laboratory and Living Quarters Building for the Engineer (Rental Basis)				Month	x	✓
A.1.1 (7)		Provision of Combined Field Office and Laboratory Building for the Engineer (Rental Basis)				Month	x	✓
A.1.1 (8)		Provision of Field Office for the Engineer (Rental Basis)				Month	x	✓
A.1.1 (9)		Provision of Laboratory for the Engineer (Rental Basis)				Month	x	✓
A.1.1 (10)		Provision of Living Quarters for the Engineer (Rental Basis)				Month	x	✓
A.1.1 (11)		Provision of Furniture/Fixtures, Equipment & Appliances for the Field Office for the Engineer				Lump Sum	x	✓
A.1.1 (12)		Provision of Furniture/Fixtures, Equipment & Appliances for Laboratory Building for the Engineer				Lump Sum	x	✓
A.1.1 (13)		Provision of Furniture/Fixtures & Appliances for the Living Quarters for the Engineer				Lump Sum	x	✓
A.1.1 (14)		Provision of Laboratory Testing Equipment, Apparatus and Publications for the Engineer				Lump Sum	x	✓
A.1.1 (15)		Operation & Maintenance of Temporary Field Office, Laboratory and Living Quarters Building for the Engineer				Month	x	✓

Pay Item (Number)	Suffix (Subscript)	Description	Valid Values			Unit Of Measure	WITH	
			Thickness/Sizes	Class	Others		OCM	CP
A.1.1 (16)		Operation & Maintenance of Field Office for the Engineer				Month	x	✓
A.1.1 (17)		Operation & Maintenance of Laboratory Building for the Engineer				Month	x	✓
A.1.1 (18)		Operation & Maintenance of Living Quarters for the Engineer				Month	x	✓
A.1.1 (19)		Construction of Combined Field Office and Living Quarters Building for the Engineer				Lump Sum	✓	✓
A.1.1 (20)		Provision of Combined Field Office and Living Quarters Building for the Engineer (Rental Basis)				Month	x	✓
A.1.1 (21)		Provision of Furniture/Fixtures, Equipment & Appliances for the Field Office for the Engineer (Rental Basis)				Month	x	✓
A.1.1 (22)		Provision of Furniture/Fixtures, Equipment & Appliances for Laboratory Building for the Engineer (Rental Basis)				Month	x	✓
A.1.1 (23)		Provision of Furniture/Fixtures & Appliances for the Living Quarters for the Engineer (Rental Basis)				Month	x	✓
A.1.1 (24)		Provision of Laboratory Testing Equipment, Apparatus and Publications for the Engineer (Rental Basis)				Month	x	✓
A.1.2 (1)		Provision of 4x4 Pickup Type Service Vehicle for the Engineer				Unit	x	x
A.1.2 (2)		Provision of 4x4 Pickup Type Service Vehicle for the Engineer on (Rental Basis)				Vehicle-Month	x	x
A.1.2 (3)		Provision of 4x2 Pickup Type Service Vehicle for the Engineer				Unit	x	x
A.1.2 (4)		Provision of 4x2 Pickup Type Service Vehicle for the Engineer on (Rental Basis)				Vehicle-Month	x	x
A.1.2 (5)		Operation and Maintenance of 4x4 Pickup Type Service Vehicle for the Engineer				Vehicle-Month	x	x
A.1.2 (6)		Operation and Maintenance of 4x2 Pickup Type Service Vehicle for the Engineer				Vehicle-Month	x	x
A.1.2 (7)		Provision of Passenger Van				Unit	x	x
A.1.2 (8)		Provision of Passenger Van (Rental Basis)				Vehicle-Month	x	x
A.1.2 (9)		Operation and Maintenance of Passenger Van				Vehicle-Month	x	x
A.1.2 (10)		Provision of Motorized Banca for the Engineer				Unit	x	x
A.1.2 (11)		Provision of Motorized Banca for the Engineer (Rental Basis)				Vehicle-Month	x	x
A.1.2 (12)		Operation and Maintenance of Motorized Banca for the Engineer				Vehicle-Month	x	x
A.1.2 (13)		Provision of Motorized Boat/Seacraft for the Engineer				Unit	x	x
A.1.2 (14)		Provision of Motorized Boat/Seacraft for the Engineer (Rental Basis)				Vehicle-Month	x	x
A.1.2 (15)		Operation and Maintenance of Motorized Boat/Seacraft for the Engineer				Vehicle-Month	x	x
A.1.2 (16)		Provision of Mini Bus for the Engineer				Unit	x	x
A.1.2 (17)		Provision of Mini Bus for the Engineer (Rental Basis)				Vehicle-Month	x	x
A.1.2 (18)		Operation and Maintenance of Mini Bus for the Engineer				Vehicle-Month	x	x
A.1.2 (19)		Provision of Motorcycle for the Engineer				Unit	x	x
A.1.2 (20)		Provision of Motorcycle for the Engineer (Rental Basis)				Vehicle-Month	x	x
A.1.2 (21)		Operation and Maintenance of Motorcycle for the Engineer				Vehicle-Month	x	x
A.1.3 (1)		Provision of Field Office Staff for the Assistance to the Engineer				Month	x	✓

Pay Item (Number)	Suffix (Subscript)	Description	Valid Values			Unit Of Measure	WITH	
			Thickness/Sizes	Class	Others		OCM	CP
A.1.3 (2)		Provision of Survey Equipment for the Assistance to the Engineer				Lump Sum	x	✓
A.1.3 (3)		Provision of Survey Personnel for the Assistance to the Engineer				Month	x	✓
A.1.3 (4)		Provision of Laboratory Personnel for the Assistance to the Engineer				Month	x	✓
A.1.3 (5)		Provision of Survey Equipment for the Assistance to the Engineer (Rental Basis)				Month	x	✓
A.1.4 (1)		Provision of Progress Photographs				Month	x	✓
A.1.4 (2)		Provision of Video Recording Equipment				Set	x	✓
A.1.4 (3)		Provision of Progress Videos				Month	x	✓
A.1.4 (4)		Provision of Documentary Video				Lump Sum	x	✓
A.1.5 (1)		Provision of Communication Facility/Equipment for the Engineer				Lump Sum	x	✓
A.1.5 (2)		Operation and Maintenance of Communication Facility/Equipment for the Engineer				Month	x	✓
A.1.5 (3)		Provision of Communication Facility/Equipment for the Engineer				Month	x	✓

PART B - OTHER GENERAL REQUIREMENTS

Pay Item (Number)	Suffix (Subscript)	Description	Valid Values			Unit Of Measure	WITH	
			Thickness/Sizes	Class	Others		OCM	CP
REVISED STANDARD PAY ITEM LIST FOR INFRASTRUCTURE PROJECTS DPWH STANDARD SPECIFICATIONS FOR HIGHWAYS, BRIDGES AND AIRPORTS, VOLUME II								
B.1		Offices, Shops, Stores and Workmens Accommodation for Contractor				Lump sum	×	✓
B.2		Medical Room and First Aid Facilities				Lump sum	×	✓
B.3		Permits and Clearances				Lump sum	×	×
B.4 (1)		Construction survey and staking				Kilometer	×	✓
B.4 (2)		Slope, reference, and clearing and grubbing stakes				Kilometer	×	✓
B.4 (3)		Centerline reestablishment				Kilometer	×	✓
B.4 (4)		Culvert survey and staking				Each	×	✓
B.4 (5)		Bridge survey and staking				Lump sum	×	✓
B.4 (6)		Retaining wall survey and staking				Lump sum	×	✓
B.4 (7)		Grade finishing stakes				Kilometer	×	✓
B.4 (8)		Permanent monuments and markers				Each	×	✓
B.4 (9)		Miscellaneous survey and staking				Hour	×	✓
B.4 (10)		Miscellaneous survey and staking				Lump sum	×	✓
B.5		Project Billboard / Signboard				Each	✓	✓
B.6		Installation of ODA Recognition Plate				Lump sum	✓	✓
B.7 (1)		Occupational Safety and Health Program				Month	×	✓
B.7 (2)		Occupational Safety and Health Program				Lump sum	×	✓
B.8 (1)		Traffic Management				Month	×	✓
B.8 (2)		Traffic Management				Lump sum	×	✓
B.9		Mobilization / Demobilization				Lump sum	×	×
B.10		Dayworks				Provisional Sum	×	×
B.11		Provisional Sum				Provisional Sum	×	×
B.12		Removal and Relocation of Utilities				Lump sum	✓	✓
B.13		Additional Geotechnical Investigation				Lump sum	×	✓
B.14		Environmental Management and Monitoring				Month	×	✓
B.15 (1)		Detour/Access Road				Lump sum	✓	✓
B.15 (2)		Detour/Access Road				Linear Meter	✓	✓
B.16		Recognition Plate/Project Marker				Each	✓	✓
B.18 (1)		Craneway				Lump sum	✓	✓
B.18 (2)		Craneway				Linear Meter	✓	✓
B.19		Geotechnical Exploration				Linear Meter	✓	✓
B.20		Temporary Fence				Lump sum	✓	✓

Pay Item (Number)	Suffix (Subscript)	Description	Valid Values			Unit Of Measure	WITH	
			Thickness/Sizes	Class	Others		OCM	CP
B.21 (1)		Temporary Bridge				Lump sum	✓	✓
B.21 (2)		Temporary Bridge				Square Meter	✓	✓
B.22		Support Equipment				Lump sum	✓	✓
B.24		General Scaffolding and Shoring				Lump sum	✓	✓
B.25		Detailed Engineering and Architectural Design				Lump sum	✗	✗
B.26 (1)		Requirements and Standards for Services of Person with Disability (PWD) and Aged Persons			Sidewalk	Lump sum	✓	✓
B.26 (2)		Requirements and Standards for Services of Person with Disability (PWD) and Aged Persons			Ramps	Lump sum	✓	✓
B.26 (3)		Requirements and Standards for Services of Person with Disability (PWD) and Aged Persons			Corridors	Lump sum	✓	✓
B.26 (4)		Requirements and Standards for Services of Person with Disability (PWD) and Aged Persons			Doors	Lump sum	✓	✓
B.26 (5)		Requirements and Standards for Services of Person with Disability (PWD) and Aged Persons			Railings	Lump sum	✓	✓
B.26 (6)		Requirements and Standards for Services of Person with Disability (PWD) and Aged Persons			Stairs	Lump sum	✓	✓
B.26 (7)		Requirements and Standards for Services of Person with Disability (PWD) and Aged Persons			Elevator and Conveying System	Lump sum	✓	✓
B.26 (8)		Requirements and Standards for Services of Person with Disability (PWD) and Aged Persons			Washroom and Toilets	Lump sum	✓	✓
B.26 (9)		Requirements and Standards for Services of Person with Disability (PWD) and Aged Persons			Audible and Visible Alarm	Lump sum	✓	✓
B.26 (10)		Requirements and Standards for Services of Person with Disability (PWD) and Aged Persons			Parking Areas	Lump sum	✓	✓
B.26 (11)		Requirements and Standards for Services of Person with Disability (PWD) and Aged Persons			Signages	Lump sum	✓	✓
B.26 (12)		Requirements and Standards for Services of Person with Disability (PWD) and Aged Persons			Waiting Shed	Lump sum	✓	✓
B.28 (1)	a	Container Van (High-Cube)	12 m (40 Feet)			Each	✗	✓
B.28 (1)	b	Container Van (High-Cube)	6 m (20 Feet)			Each	✗	✓
B.28 (2)	a	Isolation Facility, Container Van (High-Cube)	12 m (40 Feet)			Lump Sum	✗	✓
B.28 (2)	b	Isolation Facility, Container Van (High-Cube)	6 m (20 Feet)			Lump Sum	✗	✓
B.30 (1)		Temporary Facility for Incremental Launching				Lump Sum	✓	✓

Pay Item (Number)	Suffix (Subscript)	Description	Valid Values			Unit Of Measure	WITH	
			Thickness/Sizes	Class	Others		OCM	CP
REVISED STANDARD PAY ITEM LIST FOR INFRASTRUCTURE PROJECTS DPWH STANDARD SPECIFICATION FOR PUBLIC WORKS STRUCTURES, VOLUME III (BUILDINGS, PORTS AND HARBORS, FLOOD CONTROL AND DRAINAGE STRUCTURES, AND WATER SUPPLY SYSTEM)								
B.3 (1)		Permits and Clearances				Lump Sum	x	x
B.4 (1)		Construction survey and staking				Kilometer	x	✓
B.4 (2)		Slope, reference, and clearing and grubbing stakes				Kilometer	x	✓
B.4 (3)		Centerline reestablishment				Kilometer	x	✓
B.4 (4)		Culvert survey and staking				Each	x	✓
B.4 (5)		Bridge survey and staking				Lump sum	x	✓
B.4 (6)		Retaining wall survey and staking				Lump sum	x	✓
B.4 (7)		Grade finishing stakes				Kilometer	x	✓
B.4 (8)		Permanent monuments and markers				Each	x	✓
B.4 (9)		Miscellaneous survey and staking				Hour	x	✓
B.4 (10)		Miscellaneous survey and staking				Lump sum	x	✓
B.4 (11)		Construction survey and staking				Lump Sum	x	✓
B.4 (12)		As-staked Survey				Lump Sum	x	✓
B.4 (13)		As-built Survey				Lump Sum	x	✓
B.5 (1)		Project Billboard / Signboard				Each	✓	✓
B.6 (1)		Installation of ODA Recognition Plate				Lump sum	✓	✓
B.6 (2)		Installation of ODA Recognition Plate				Each	✓	✓
B.7 (1)		Occupational Safety and Health				Lump Sum	x	✓
B.8 (1)		Traffic Management				Month	x	✓
B.8 (2)		Traffic Management				Lump Sum	x	✓
B.9 (1)		Mobilization/Demobilization				Lump Sum	x	x
B.10 (1)		Dayworks				Provisional Sum	x	x
B.11 (1)		Provisional Sum				Provisional Sum	x	x
B.12 (1)		Removal and Relocation of Utilities				Lump Sum	✓	✓
B.14 (1)		Environmental Management Plan <i>*shall not be paid separately, and should be considered as subsidiary to the other pay items in the Contract.</i>				---		
B.15 (1)		Detour/access road				Lump sum	✓	✓
B.15 (2)		Restoration				Lump sum	✓	✓
B.16 (1)		Recognition Plate/Project Marker				Each	✓	✓
B.18 (1)		Craneway				Linear Meter	✓	✓
B.18 (2)		Craneway				Lump Sum	✓	✓
B.19 (1)		Geotechnical Investigation (Soil)				Linear Meter	✓	✓
B.19 (2)		Geotechnical Investigation (Rock)				Linear Meter	✓	✓

Pay Item (Number)	Suffix (Subscript)	Description	Valid Values			Unit Of Measure	WITH	
			Thickness/Sizes	Class	Others		OCM	CP
B.19 (3)		Sampling, Testing and Reports				Lump Sum	✓	✓
B.20 (1)		Temporary Fence				Lump Sum	✓	✓
B.20 (2)		Temporary Fence (Rental Basis)				Monthly	✓	✓
B.21 (1)		Temporary Bridge				Lump Sum	✓	✓
B.21 (2)		Temporary Bridge				Square Meter	✓	✓
B.22 (1)		Support Equipment				Lump Sum	✓	✓
B.22 (2)		Support Equipment				Monthly	✓	✓
B.24 (1)		General scaffolding and shoring and Netting				Lump Sum	✓	✓
B.24 (2)		General scaffolding and shoring and Netting				Rental	✓	✓
B.25 (1)		Detailed Engineering and Architectural Design				Lump Sum	✗	✗
B.26 (1)		Sidewalks				Lump Sum	✓	✓
B.26 (2)		Ramps				Lump Sum	✓	✓
B.26 (3)		Corridors				Lump Sum	✓	✓
B.26 (4)		Doors				Lump Sum	✓	✓
B.26 (5)		Railings				Lump sum	✓	✓
B.26 (6)		Stairs				Lump Sum	✓	✓
B.26 (7)		Elevator and Conveying System				Lump Sum	✓	✓
B.26 (8)		Washroom and Toilets				Lump Sum	✓	✓
B.26 (9)		Audible and Visible Alarm				Lump Sum	✓	✓
B.26 (10)		Parking Areas				Lump Sum	✓	✓
B.26 (11)		Signages				Lump Sum	✓	✓
B.26 (12)		Waiting Shed				Lump Sum	✓	✓
B.28 (1)	a	Container Van (High-Cube)	12 m (40 Feet)			Each	✗	✓
B.28 (1)	b	Container Van (High-Cube)	6 m (20 Feet)			Each	✗	✓
B.28 (2)	a	Isolation Facility, Container Van (High-Cube)	12 m (40 Feet)			Lump Sum	✗	✓
B.28 (2)	b	Isolation Facility, Container Van (High-Cube)	6 m (20 Feet)			Lump Sum	✗	✓

ANNEX C
PRESCRIBED FORMS AND PROCEDURES IN FILLING-OUT
THE PROGRAM OF WORKS (POW), APPROVED BUDGET
FOR THE CONTRACT (ABC) AND DETAILED
UNIT PRICE ANALYSIS (DUPA)



PROGRAM OF WORKS/BUDGET COST

Implementing Office: _____
Address: _____
Project Name: _____

Date Prepared: _____
Target Start Date: _____
Target Completion Date: _____

Contract Duration: _____
No. of Workable Days: _____
No. of Predetermined Unworkable Days: _____
a. Sundays: _____
b. Holidays: _____
c. Rainy Days: _____

Project Location: _____
Work Location: _____

Project ID	Funding Agreement	Funding Organization

Project Component ID	Estimated Project Component Cost

Physical Target:	Infra Type	Project Component ID	Target Amount	Unit of Measure

Part	Description of Works to be Done	Quantity	Unit	% Total	As Submitted		As Evaluated	
					Total Direct Cost	% Total	Total Direct Cost	% Total
A:	Facilities for the Engineer							
B:	Other General Requirements							
C:	Earthwork							
D:	Subbase and Base Course	(SEE FORM DPWH-QMSP-13-11 Rev00)						
E:	Surface Courses							
F:	Bridge Construction							
G:	Drainage and Slope Protection Structures							
H:	Miscellaneous Structures							
I:	Materials Details							
TOTAL								

Equipment Description	Capacity	Number of Equipment
(SEE FORM DPWH-QMSP-13-12 Rev00)		

Breakdown of Expenditures:		As Submitted	As Evaluated
Description			
A.	Labor		
B.	Materials		
C.	Equipment		
D.	Total Direct Cost (A+B+C)		
E.	Overhead, Contingencies and Miscellaneous (OCM) Expenses and Contractor's Profit (CP)		
F.	Value Added Tax (VAT)		
G.	Total Construction Cost (D+E+F)		
H.	Engineering & Administrative Overhead (EAO)		
I.	TOTAL ESTIMATED COST		

Preparation and Submission:
Prepared by: _____
Checked/Submitted by: _____

<NAME & SIGNATURE>
<Position Title/Designation>
<Office>

Approval (Based on the Delegated Authority):
Recommending Approval: _____
Approval: _____

<NAME & SIGNATURE>
<Position Title/Designation>
<Office>



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

PROGRAM OF WORKS/BUDGET COST

Implementing Office: _____
 Address: _____
 Project Name: _____

 Project Location: _____
 Work Location: _____

Date Prepared: _____
 Target Start Date: _____
 Target Completion Date: _____

Contract Duration: _____
 No. of Workable Days: _____
 No. of Predetermined Unworkable Days:
 a. Sundays: _____
 b. Holidays: _____
 c. Rainy Days: _____

Project Component ID	Infra ID	Chainage		Station Limits		Coordinates			
		Start	End	Start	End	Start	End	X	Y
		X	Y	X	Y	X	Y	X	Y

Project ID	Funding Agreement	Funding Organization

Allotted Amount:

Project Component ID	Estimated Project Component Cost

Physical Target:

Infra Type	Project Component ID	Target Amount	Unit of Measure

Part	Description of Works to be Done	Quantity	Unit	As Submitted		As Evaluated	
				% Total	Total Direct Cost	% Total	Total Direct Cost
A:	Facilities for the Engineer						
B:	Other General Requirements						
C:	Earthwork						
D:	Subbase and Base Course	(SEE FORM DPWH-QMSP-13-11 Rev00)					
E:	Surface Courses						
F:	Bridge Construction						
G:	Drainage and Slope Protection Structures						
H:	Miscellaneous Structures						
I:	Materials Details						
TOTAL							

Minimum Equipment Requirement:

Equipment Description	Capacity	Number of Equipment

Breakdown of Expenditures:

	Description	As Submitted	As Evaluated
A.	Labor		
B.	Materials		
C.	Equipment		
D.	Total Direct Cost (A+B+C)		
E.	Overhead, Contingencies and Miscellaneous (OCM) Expenses and Contractor's Profit (CP)		
F.	Value Added Tax (VAT)		
G.	Total Construction Cost (D+E+F)		
H.	Engineering & Administrative Overhead (EAO) _____ %		
I.	TOTAL ESTIMATED COST		

Preparation and Submission:
 Prepared by: _____

 <NAME & SIGNATURE>
 <Position Title/Designation>
 <Office>

Checked/Submitted by: _____

 <NAME & SIGNATURE>
 <Position Title/Designation>
 <Office>

Evaluation:
 Reviewed as to Unit Cost: _____

 <NAME & SIGNATURE>
 <Position Title/Designation>
 <Office>

Approval (Based on the Delegated Authority):
 Recommending Approval: _____

 <NAME & SIGNATURE>
 <Position Title/Designation>
 <Office>

Approval:

 <NAME & SIGNATURE>
 <Position Title/Designation>
 <Office>



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

ITEMIZED BREAKDOWN

Implementing Office: _____
 Address: _____
 Project Name: _____
 Project Location: _____

ITEM NO.	DESCRIPTION	QUANTITY		UNIT	DIRECT COST				TOTAL UNIT COST DIRECT + INDIRECT		% DIRECT COST	
		AS SUBMITTED	AS EVALUATED		AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS SUBMITTED	AS EVALUATED	AS EVALUATED	
PART A	FACILITIES FOR THE ENGINEER											
	<small>*enumerate all involved pay items under Part A per approved design plans</small>											
	TOTAL OF PART A											
PART B	OTHER GENERAL REQUIREMENTS											
	<small>*enumerate all involved pay items under Part B per approved design plans</small>											
	TOTAL OF PART B											
PART C	EARTHWORK											
	<small>*enumerate all involved pay items under Part C per approved design plans</small>											
	TOTAL OF PART C											
PART D	SUBBASE AND BASE COURSE											
	<small>*enumerate all involved pay items under Part D per approved design plans</small>											
	TOTAL OF PART D											
PART E	SURFACE COURSES											
	<small>*enumerate all involved pay items under Part E per approved design plans</small>											
	TOTAL OF PART E											
PART F	BRIDGE CONSTRUCTION											
	<small>*enumerate all involved pay items under Part F per approved design plans</small>											
	TOTAL OF PART F											
PART G	DRAINAGE AND SLOPE PROTECTION STRUCTURES											
	<small>*enumerate all involved pay items under Part G per approved design plans</small>											
	TOTAL OF PART G											
PART H	MISCELLANEOUS STRUCTURES											
	<small>*enumerate all involved pay items under Part H per approved design plans</small>											
	TOTAL OF PART H											
PART I	MATERIALS DETAILS											
	<small>*enumerate all involved pay items under Part I per approved design plans</small>											
	TOTAL OF PART I											
	GRAND TOTAL											

**Work items and descriptions are modifiable depending on the pay items involved (i.e., work items under Blue Book Volume III may be included if necessary).



MINIMUM EQUIPMENT REQUIREMENT

Implementing Office: _____

Address: _____

Project Name: _____

Project Location: _____

No.	Equipment Description	Capacity	Number of Equipment	
			As Submitted	As Evaluated
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

No.	Equipment Description	Capacity	Number of Equipment	
			As Submitted	As Evaluated
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
DETAILED BREAKDOWN OF COMPONENT FOR EACH ITEM

DPWH-QMSP-13-13 Rev00

Implementing Office: _____
 Address: _____
 Project Name: _____
 Project Location: _____

ITEM NO.	DESCRIPTION	%	QUANTITY	UNIT	DIRECT COST			TOTAL	TOTAL MARK-UP		VAT	TOTAL COST
					MATERIAL	LABOR	EQUIPMENT		%	VALUE		
PART A	FACILITIES FOR THE ENGINEER											
	*Enumerate all involved pay items under Part A per approved design plans											
		AS EVALUATED										
		AS SUBMITTED										
	TOTAL OF PART A	AS EVALUATED										
		AS SUBMITTED										
PART B	OTHER GENERAL REQUIREMENTS											
	*Enumerate all involved pay items under Part B per approved design plans											
		AS EVALUATED										
		AS SUBMITTED										
	TOTAL OF PART B	AS EVALUATED										
		AS SUBMITTED										
PART C	EARTHWORK											
	*Enumerate all involved pay items under Part C per approved design plans											
		AS EVALUATED										
		AS SUBMITTED										
	TOTAL OF PART C	AS EVALUATED										
		AS SUBMITTED										
PART D	SUBBASE AND BASE COURSE											
	*Enumerate all involved pay items under Part D per approved design plans											
		AS EVALUATED										
		AS SUBMITTED										
	TOTAL OF PART D	AS EVALUATED										
		AS SUBMITTED										
PART E	SURFACE COURSES											
	*Enumerate all involved pay items under Part E per approved design plans											
		AS EVALUATED										
		AS SUBMITTED										
	TOTAL OF PART E	AS EVALUATED										
		AS SUBMITTED										
PART F	BRIDGE CONSTRUCTION											
	*Enumerate all involved pay items under Part F per approved design plans											
		AS EVALUATED										
		AS SUBMITTED										
	TOTAL OF PART F	AS EVALUATED										
		AS SUBMITTED										
PART G	DRAINAGE AND SLOPE PROTECTION STRUCTURES											
	*Enumerate all involved pay items under Part G per approved design plans											
		AS EVALUATED										
		AS SUBMITTED										
	TOTAL OF PART G	AS EVALUATED										
		AS SUBMITTED										
PART H	MISCELLANEOUS STRUCTURES											
	*Enumerate all involved pay items under Part H per approved design plans											
		AS EVALUATED										
		AS SUBMITTED										
	TOTAL OF PART H	AS EVALUATED										
		AS SUBMITTED										
PART I	MATERIALS DETAILS											
	*Enumerate all involved pay items under Part I per approved design plans											
		AS EVALUATED										
		AS SUBMITTED										
	TOTAL OF PART I	AS EVALUATED										
		AS SUBMITTED										
	GRAND TOTAL	AS EVALUATED										
		AS SUBMITTED										

**Work items and descriptions are modifiable depending on the pay items involved (i.e., work items under Blue Book Volume III may be included if necessary).



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
SUMMARY OF APPROVED BUDGET FOR THE CONTRACT

Implementing Office: _____
 Address: _____
 Project Name: _____

 Project Location: _____

Date Prepared: _____
 Contract Duration: _____

ITEM NO.	DESCRIPTION		ESTIMATED DIRECT COST	%	TOTAL MARK-UP VALUE	VAT	TOTAL INDIRECT COST	TOTAL COST
PART A	FACILITIES FOR THE ENGINEER	AS EVALUATED						
		AS SUBMITTED						
PART B	OTHER GENERAL REQUIREMENTS	AS EVALUATED						
		AS SUBMITTED						
PART C	EARTHWORK	AS EVALUATED						
		AS SUBMITTED						
PART D	SUBBASE AND BASE COURSE	AS EVALUATED						
		AS SUBMITTED						
PART E	SURFACE COURSES	AS EVALUATED						
		AS SUBMITTED						
PART F	BRIDGE CONSTRUCTION	AS EVALUATED						
		AS SUBMITTED						
PART G	DRAINAGE AND SLOPE PROTECTION STRUCTURES	AS EVALUATED						
		AS SUBMITTED						
PART H	MISCELLANEOUS STRUCTURES	AS EVALUATED						
		AS SUBMITTED						
PART I	MATERIALS DETAILS	AS EVALUATED						
		AS SUBMITTED						
GRAND TOTAL		AS EVALUATED						
		AS SUBMITTED						

Preparation and Submission:

Prepared by: _____

 <NAME & SIGNATURE>
 <Position Title/Designation>
 <Office>

Checked/Submitted by: _____

 <NAME & SIGNATURE>
 <Position Title/Designation>
 <Office>

Approval (Based on the Delegated Authority):

Recommending Approval: _____

 <NAME & SIGNATURE>
 <Position Title/Designation>
 <Office>

Approval: _____

 <NAME & SIGNATURE>
 <Position Title/Designation>
 <Office>

**Work items and descriptions are modifiable depending on the pay items involved (i.e., work items under Blue Book Volume III may be included if necessary)



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

DPWH-QMSP-13-14 Rev00

SUMMARY OF APPROVED BUDGET FOR THE CONTRACT

Implementing Office: _____
 Address: _____
 Project Name: _____
 Project Location: _____

Date Prepared: _____
 Contract Duration: _____

ITEM NO.	DESCRIPTION		ESTIMATED DIRECT COST		TOTAL MARK-UP VALUE		VAT	TOTAL INDIRECT COST	TOTAL COST
				%					
PART A	FACILITIES FOR THE ENGINEER	AS EVALUATED							
		AS SUBMITTED							
PART B	OTHER GENERAL REQUIREMENTS	AS EVALUATED							
		AS SUBMITTED							
PART C	EARTHWORK	AS EVALUATED							
		AS SUBMITTED							
PART D	SUBBASE AND BASE COURSE	AS EVALUATED							
		AS SUBMITTED							
PART E	SURFACE COURSES	AS EVALUATED							
		AS SUBMITTED							
PART F	BRIDGE CONSTRUCTION	AS EVALUATED							
		AS SUBMITTED							
PART G	DRAINAGE AND SLOPE PROTECTION STRUCTURES	AS EVALUATED							
		AS SUBMITTED							
PART H	MISCELLANEOUS STRUCTURES	AS EVALUATED							
		AS SUBMITTED							
PART I	MATERIALS DETAILS	AS EVALUATED							
		AS SUBMITTED							
GRAND TOTAL		AS EVALUATED							
		AS SUBMITTED							

Preparation and Submission:

Prepared by: _____

 <NAME & SIGNATURE>
 <Position Title/Designation>
 <Office>

Checked/Submitted by: _____

 <NAME & SIGNATURE>
 <Position Title/Designation>
 <Office>

Evaluation:

Reviewed as to Unit Cost: _____

 <NAME & SIGNATURE>
 <Position Title/Designation>
 <Office>

Approval (Based on the Delegated Authority):

Recommending Approval: _____

 <NAME & SIGNATURE>
 <Position Title/Designation>
 <Office>

Approval: _____

 <NAME & SIGNATURE>
 <Position Title/Designation>
 <Office>

**Work items and descriptions are modifiable depending on the pay items involved (i.e., work items under Blue Book Volume III may be included if necessary).



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

DETAILED UNIT PRICE ANALYSIS

Implementing Office: _____

Address: _____

Project Name: _____

Project Location: _____

Pay Item Number: _____

Pay Item Description: _____

Unit of Measurement: _____

Output per hour - As Submitted: _____

Output per hour - As Evaluated: _____

	LABOR				
A.1	DESIGNATION	NO. OF PERSON/S	NO. OF HOUR/S	HOURLY RATE	AMOUNT (PhP)
	Sub - Total for A.1 - As Submitted				
	LABOR				
A.2	DESIGNATION	NO. OF PERSON/S	NO. OF HOUR/S	HOURLY RATE	AMOUNT (PhP)
	Sub - Total for A.2 - As Evaluated				
	EQUIPMENT				
B.1	NAME AND CAPACITY	NO. OF UNIT/S	NO. OF HOUR/S	HOURLY RATE	AMOUNT (PhP)
	Sub - Total for B.1 - As Submitted				
	EQUIPMENT				
B.2	NAME AND CAPACITY	NO. OF UNIT/S	NO. OF HOUR/S	HOURLY RATE	AMOUNT (PhP)
	Sub - Total for B.2 - As Evaluated				
C.1	Total(A.1 + B.1) - As Submitted				
C.2	Total(A.2 + B.2) - As Evaluated				
D.1	Output per hour - As Submitted				
D.2	Output per hour - As Evaluated				
E.1	Direct Unit Cost(C.1 ÷ D.1) - As Submitted				
E.2	Direct Unit Cost(C.2 ÷ D.2) - As Evaluated				
	MATERIAL				
F.1	NAME AND SPECIFICATION	UNIT	QUANTITY	UNIT COST	AMOUNT (PhP)
	Sub - Total for F.1 - As Submitted				
	MATERIAL				
F.2	NAME AND SPECIFICATION	UNIT	QUANTITY	UNIT COST	AMOUNT (PhP)
	Sub - Total for F.2 - As Evaluated				
G.1	Direct Unit Cost(E.1 + F.1) - As Submitted				
G.2	Direct Unit Cost(E.2 + F.2) - As Evaluated				
H.1	Overhead, Contingencies & Miscellaneous (OCM) Expenses - As Submitted				%
H.2	Overhead, Contingencies & Miscellaneous (OCM) Expenses - As Evaluated				%
I.1	Contractor's Profit (CP) - As Submitted				%
I.2	Contractor's Profit (CP) - As Evaluated				%
J.1	Value Added Tax (VAT) - As Submitted				%**
J.2	Value Added Tax (VAT) - As Evaluated				%**
K.1	Total Unit Cost - As Submitted				
K.2	Total Unit Cost - As Evaluated				

Prepared by: _____

<NAME & SIGNATURE>

<Position Title/Designation>

<Office>



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

DETAILED UNIT PRICE ANALYSIS

Implementing Office: _____

Address: _____

Project Name: _____

Project Location: _____

Pay Item Number: _____

Pay Item Description: _____

Unit of Measurement: _____

Output per hour - As Submitted: _____

Output per hour - As Evaluated: _____

A.1	LABOR				
	DESIGNATION	NO. OF PERSON/S	NO. OF HOUR/S	HOURLY RATE	AMOUNT (PhP)
Sub - Total for A.1 - As Submitted					
A.2	LABOR				
	DESIGNATION	NO. OF PERSON/S	NO. OF HOUR/S	HOURLY RATE	AMOUNT (PhP)
Sub - Total for A.2 - As Evaluated					
B.1	EQUIPMENT				
	NAME AND CAPACITY	NO. OF UNIT/S	NO. OF HOUR/S	HOURLY RATE	AMOUNT (PhP)
Sub - Total for B.1 - As Submitted					
B.2	EQUIPMENT				
	NAME AND CAPACITY	NO. OF UNIT/S	NO. OF HOUR/S	HOURLY RATE	AMOUNT (PhP)
Sub - Total for B.2 - As Evaluated					
C.1 Total(A.1 + B.1) - As Submitted					
C.2 Total(A.2 + B.2) - As Evaluated					
D.1 Output per hour - As Submitted					
D.2 Output per hour - As Evaluated					
E.1 Direct Unit Cost(C.1 ÷ D.1) - As Submitted					
E.2 Direct Unit Cost(C.2 ÷ D.2) - As Evaluated					
F.1	MATERIAL				
	NAME AND SPECIFICATION	UNIT	QUANTITY	UNIT COST	AMOUNT (PhP)
Sub - Total for F.1 - As Submitted					
F.2	MATERIAL				
	NAME AND SPECIFICATION	UNIT	QUANTITY	UNIT COST	AMOUNT (PhP)
Sub - Total for F.2 - As Evaluated					
G.1 Direct Unit Cost(E.1 + F.1) - As Submitted					
G.2 Direct Unit Cost(E.2 + F.2) - As Evaluated					
H.1 Overhead, Contingencies & Miscellaneous (OCM) Expenses - As Submitted _____ %					
H.2 Overhead, Contingencies & Miscellaneous (OCM) Expenses - As Evaluated _____ %					
I.1 Contractor's Profit (CP) - As Submitted _____ %					
I.2 Contractor's Profit (CP) - As Evaluated _____ %					
J.1 Value Added Tax (VAT) - As Submitted _____ %**					
J.2 Value Added Tax (VAT) - As Evaluated _____ %**					
K.1 Total Unit Cost - As Submitted					
K.2 Total Unit Cost - As Evaluated					

Prepared by: _____

Evaluated by: _____

<NAME & SIGNATURE>

<Position Title/Designation>

<Office>

<NAME & SIGNATURE>

<Position Title/Designation>

<Office>

- I. Instructions in filling out the form for **DETAILED UNIT PRICE ANALYSIS (DPWH-QMSP-13-16 Rev00)** of each pay item involved in the project per approved design plans.
1. "Implementing Office" and "Address" shall be the name and address of the implementing office of the approving authority delegated to approve the cost estimates.
 2. "Project Name" and "Project Location" shall pertain to the project being programmed and shall be consistent with the data from the Multi Year Programming and Scheduling (MYPS) application.
 3. "Pay Item Number", "Pay Item Description" and "Unit of Measurement" shall be based on the latest approved Standard Pay Item List for Infrastructure Projects.
 4. "Output per hour - As Submitted", "Output per hour - As Evaluated", columns "DESIGNATION", "NO. OF PERSON/S" and "NO. OF HOUR/S" in the LABOR component (A.1/A.2), columns "NAME AND CAPACITY", "NO. OF UNIT/S" and "NO. OF HOUR/S" in the EQUIPMENT component (B.1/B.2), and columns "NAME AND SPECIFICATION", "UNIT" and "QUANTITY" in the MATERIAL component (F.1/F.2) shall be programmed in reference with the latest existing Construction Cost Estimation Manuals of various infrastructures comprised of cost sheets that is standard for each pay item based on normal site condition.

The Implementing Office (IO), however, may modify the standard cost sheets if deemed not applicable based on certain conditions/site requirements, provided that corresponding justifications (e.g., photographs, sketches/drawings, construction methodology, time motion analysis, or other calculations) are submitted.

Specific pay items under Part A – Facilities for the Engineer and Part B – Other General Requirements shall be estimated based on latest existing issuances (e.g., for Traffic Management, Construction Safety & Health, etc.)

5. Column with label "HOURLY RATE" in the LABOR component (A.1/A.2) shall be based on the latest Standard Labor Rates issued by the Department which is derived from the minimum wage plus monetary benefits issued periodically by the Department of Labor and Employment (DOLE).
6. Column "AMOUNT (PhP)" in the LABOR component (A.1/A.2) is the product of columns "NO. OF PERSON/S", "NO. OF HOUR/S" and "HOURLY RATE" for each labor in the "DESIGNATION" column. Sub-total (for A.1/A.2) is the summation of all "AMOUNT (PhP)" calculated for each labor in the LABOR component (A.1/A.2).
7. Column with label "HOURLY RATE" in the EQUIPMENT component (B.1/B.2) shall be based on the up-to-date ACEL Equipment Guidebook, rental rates prepared by the Bureau of Equipment, or latest summary of rental rates of commonly used equipment issued by the Department.

8. Column "AMOUNT (PhP)" in the EQUIPMENT component (B.1/B.2) is the product of columns "NO. OF UNIT/S", "NO. OF HOUR/S" and "HOURLY RATE" for each equipment in the "NAME AND CAPACITY" column. Sub-total (for B.1/B.2) is the summation of all "AMOUNT (PhP)" calculated for each equipment in the EQUIPMENT component (B.1/B.2).
9. Part C.1/C.2, D.1/D.2 and E.1/E.2 are self-explanatory.
10. Column with label "UNIT COST" in the MATERIAL component (F.1/F.2) shall be based on the latest approved Construction Materials Price Data (CMPD) during the time of preparation of cost estimates, incorporated with additional hauling cost, if any. For materials not included in the CMPD, it shall be based on the most reasonable price determined in accordance to the latest Department issuance relative thereto.
11. Column "AMOUNT (PhP)" in the MATERIAL component (F.1/F.2) is the product of columns "QUANTITY" and "UNIT COST" for each material in the "NAME AND SPECIFICATION" column. Sub-total (for F.1/F.2) is the summation of all "AMOUNT (PhP)" calculated for each material in the MATERIAL component (F.1/F.2).

NOTE: Variations in the labor rates/equipment rental rates/material price shall be provided with corresponding justifications/calculations based on the latest references/guidelines issued by the Department.

12. Direct Unit Cost (G.1/G.2) shall be calculated using the formula provided in the DUPA.
13. Percentages to be adopted for Overhead, Contingencies & Miscellaneous (OCM) Expenses in H.1/H.2, Contractor's Profit (CP) in I.1/I.2 and Value Added Tax (VAT) in J.1/J.2 per pay item shall be based on this Guidelines.
14. Value of OCM Expenses (H.1/H.2) in the "AMOUNT (PhP)" column is calculated by multiplying the corresponding Direct Unit Cost (G.1/G.2) with the applicable OCM percentage.
15. Value of CP (I.1/I.2) in the "AMOUNT (PhP)" column is the product of corresponding Direct Unit Cost (G.1/G.2) with the applicable CP percentage.
16. Value of VAT (J.1/J.2) in the "AMOUNT (PhP)" column is computed by multiplying the appropriate VAT percentage with the sum of the corresponding values of Direct Unit Cost (G.1/G.2), Overhead, Contingencies & Miscellaneous (OCM) Expenses (H.1/H.2) and Contractor's Profit (CP) (I.1/I.2) under the same column.
17. Total Unit Cost (K.1/K.2) in the "AMOUNT (PhP)" column is the sum of corresponding values for Direct Unit Cost (G.1/G.2), Overhead, Contingencies & Miscellaneous (OCM) Expenses (H.1/H.2), Contractor's Profit (CP) (I.1/I.2) and Value Added Tax (VAT) (J.1/J.2) under the same column.

II. Instructions in filling out the form for **APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-15 Rev00)**

1. Columns with label "ITEM NO.", "DESCRIPTION", "QUANTITY" and "UNIT" shall be consistent with the details of each pay item involved in the project per approved design plans.
2. Column "ESTIMATED DIRECT COST" is the Direct Unit Cost per pay item as calculated and reflected in the Detailed Unit Price Analysis (DUPA) (DPWH-QMSP-13-16 Rev00 Part G.1/G.2) multiplied by the quantity in column "QUANTITY".
3. Sub-column "%" under the column "TOTAL MARK-UP" is the sum of the percentages for OCM Expenses (H.1/H.2) and CP (I.1/I.2) as reflected in the DUPA (DPWH-QMSP-13-16 Rev00).
4. Sub-column "VALUE" under the column "TOTAL MARK-UP" is the equivalent PhP value of the total mark-up % and is determined by multiplying the sub-column "%" with the "ESTIMATED DIRECT COST".
5. Column "VAT" is the component which is the appropriate VAT percentage multiplied to the sum of "ESTIMATED DIRECT COST" and sub-column "VALUE".
6. Column "TOTAL INDIRECT COST" is the sum of sub-column "VALUE" and column "VAT".
7. "TOTAL COST" is the estimated total cost equivalent to the sum of "ESTIMATED DIRECT COST" and "TOTAL INDIRECT COST".
8. Column "UNIT COST" is determined by dividing the "TOTAL COST" by the quantity in column "QUANTITY". The value in this column shall be the same value derived in the "Total Unit Cost" in DPWH-QMSP-13-16 Rev00 of each corresponding pay item.

III. Instructions in filling out the form for **SUMMARY OF APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-14 Rev00)**

1. Reflect sum of all pay items under the same Part (Work Items) from APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-15 Rev00) on the columns with the same/corresponding column title except for sub-column "%" under the column "TOTAL MARK-UP"
2. Reflect sub-column "%" of column "TOTAL MARK-UP" of the pay items under the same Part (Work Items) from DPWH-QMSP-13-15 Rev00 which is also based on this Guidelines.

IV. Instructions in filling out the form for **DETAILED BREAKDOWN OF COMPONENT FOR EACH ITEM (DPWH-QMSP-13-13 Rev00)**

1. Columns with label "ITEM NO.", "DESCRIPTION", "QUANTITY" and "UNIT" shall be consistent with the details of each pay item involved in the project per approved design plans.
2. Sub-column "MATERIAL" under "DIRECT COST" is the sub-total of MATERIAL component per pay item as calculated and reflected in the Detailed Unit Price Analysis (DUPA) (DPWH-QMSP-13-16 Rev00 Part F.1/F.2) multiplied by the quantity in column "QUANTITY".
3. Sub-column "LABOR" under "DIRECT COST" is the sub-total of LABOR component (DPWH-QMSP-13-16 Rev00 Part A.1/A.2) divided by the "Output per hour" (DPWH-QMSP-13-16 Rev00 Part D.1/D.2) per pay item multiplied by the quantity in column "QUANTITY".
4. Sub-column "EQUIPMENT" under "DIRECT COST" is the sub-total of EQUIPMENT component (DPWH-QMSP-13-16 Rev00 Part B.1/B.2) divided by the "Output per hour" (DPWH-QMSP-13-16 Rev00 Part D.1/D.2) per pay item multiplied by the quantity in column "QUANTITY".
5. Sub-column "TOTAL" under "DIRECT COST" is the sum of sub-columns "MATERIAL", "LABOR" and "EQUIPMENT" per pay item.
6. Sub-column "%" under "TOTAL MARK-UP" is the sum of the percentages for OCM Expenses (H.1/H.2) and CP (I.1/I.2) as reflected in the DUPA (DPWH-QMSP-13-16 Rev00).
7. Sub-column "VALUE" under "TOTAL MARK-UP" is the equivalent PhP value of the total mark-up %. It is determined by multiplying the sub-column "%" under "TOTAL MARK-UP" with the sub-column "TOTAL" under "DIRECT COST".
8. Column "VAT" is the component which is the appropriate VAT percentage multiplied to the sum of sub-columns "TOTAL" under "DIRECT COST" and "VALUE" under "TOTAL MARK-UP".
9. "TOTAL COST" is equivalent to the sum of "TOTAL" under "DIRECT COST", "VALUE" under "TOTAL MARK-UP" and "VAT".
10. Column "%" per pay item is the percentage of the "TOTAL COST" of each pay item with respect to the sum of "TOTAL COST" of all pay items.

V. Instructions in filling out the form for **ITEMIZED BREAKDOWN (DPWH-QMSP-13-11 Rev00)**

1. Columns with label "ITEM NO.", "DESCRIPTION", "QUANTITY" and "UNIT" shall be consistent with the details of each pay item involved in the project per approved design plans.
2. Sub-column "TOTAL" under "DIRECT COST" is reflected from the sub-column with the same title from DETAILED BREAKDOWN OF COMPONENT FOR EACH ITEM (DPWH-QMSP-13-13 Rev00) for each pay item.
3. Sub-column "UNIT COST" under "DIRECT COST" is the value obtained by dividing the sub-column "TOTAL" under "DIRECT COST" by the column "QUANTITY" for each pay item. The value in this column shall be the same with the value reflected in Direct Unit Cost in DPWH-QMSP-13-16 Rev00 (Part G.1/G.2) of each corresponding pay item.
4. Column "TOTAL UNIT COST" is calculated by dividing the column "TOTAL COST" from DETAILED BREAKDOWN OF COMPONENT FOR EACH ITEM (DPWH-QMSP-13-13 Rev00) by "QUANTITY" for each pay item. The value in this column shall be the same with the value reflected in Total Unit Cost in DPWH-QMSP-13-16 Rev00 (Part K.1/K.2) of each corresponding pay item.
5. Column "% DIRECT COST" per pay item is the percentage of sub-column "TOTAL" under "DIRECT COST" of each pay item with respect to the sum of "TOTAL" under "DIRECT COST" of all pay items.

VI. Instructions in filling out the form for **PROGRAM OF WORKS (DPWH-QMSP-13-10 Rev00)**

1. Details pertaining to the project:
 - a. "Project Name", "Project Location", tables under "Work Location", "Allotted Amount", "Fund Source" and "Physical Target" shall pertain to the project being programmed and shall be consistent with the data from the Multi Year Programming and Scheduling (MYPs) application.
 - b. "Date Prepared", "Target Start Date" and "Target Completion Date" are self-explanatory.
 - c. "No. of Workable Days" shall be calculated in accordance with the latest existing guidelines on the Standardization of Construction Duration of DPWH Infrastructure Projects.
 - d. "No. of Predetermined Unworkable Days" is the total of "Sundays", "Holidays", and "Rainy Days".
 - e. "Sundays" and "Holidays" shall be based on the number of Sundays and non-working holidays that falls within the contract duration. "Rainy Days" shall reflect the number of days deemed unfavorable for the execution of

construction activities on site based on the historical records (at least three years) of the Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA).

- f. The "Contract Duration" is the sum of "No. of Workable Days" and "No. of Predetermined Unworkable Days".

2. Summary Table of Direct Costs:

- a. Sub-column "TOTAL DIRECT COST" (AS SUBMITTED/AS EVALUATED) is the value calculated under sub-column "TOTAL" of column "DIRECT COST" for each Part (Work Items) from DPWH-QMSP-13-11 Rev00.
- b. Sub-column "% TOTAL" (AS SUBMITTED/AS EVALUATED) is the percentage of Sub-column "TOTAL DIRECT COST" of each Part (Work Item) with respect to the sum of "TOTAL DIRECT COST" of all Parts (Work Items).

3. Breakdown of Expenditures:

- a. "Labor", "Materials" and "Equipment" shall correspond to the GRAND TOTAL under the sub-columns "LABOR", "MATERIAL" and "EQUIPMENT", respectively, from DPWH-QMSP-13-13 Rev00.
- b. "Total Direct Cost (A+B+C)" is self-explanatory.
- c. "Overhead, Contingencies and Miscellaneous (OCM) Expenses and Contractor's Profit (CP)" is the GRAND TOTAL of sub-column "VALUE" under "TOTAL MARK-UP" in DPWH-QMSP-13-13 Rev00.
- d. "Value Added Tax (VAT)" is the GRAND TOTAL of column "VAT" in DPWH-QMSP-13-13 Rev00.
- e. "Total Construction Cost (D+E+F)" is self-explanatory.
- f. "Engineering & Administrative Overhead (EAO), ___%" should be in accordance with the latest existing guidelines of this Department.
- g. "TOTAL ESTIMATED COST" is the sum of item G and H in the table.

VII. Additional instructions and corresponding signatories, if the approval is **within** the limits of delegated authority of the Implementing Office (IO).

1. All rows/columns in all forms with identifier "AS EVALUATED" shall be left blank.
2. For the District Engineering Offices (DEOs), signatories are as follows:
 - 2.1. For PROGRAM OF WORKS (DPWH-QMSP-13-10 Rev00), and SUMMARY OF APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-14 Rev00)

- i. Prepared by: <Estimator - permanent Engineer II>
 - ii. Checked/Submitted by: <Planning and Design Section Chief (initial: Unit Head)>
 - iii. Recommending Approval: <Assistant District Engineer>
 - iv. Approved: <District Engineer>
- 2.2. For APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-15 Rev00)
- i. Prepared by: <Estimator - permanent Engineer II>
 - ii. Checked/Submitted by: <Planning and Design Section Chief (initial: Unit Head)>
- 2.3. For DETAILED UNIT PRICE ANALYSIS (DPWH-QMSP-13-16 Rev00)
- i. Prepared by: <Estimator - permanent Engineer II>
3. For the Regional Offices (ROs), signatories are as follows:
- 3.1. For PROGRAM OF WORKS (DPWH-QMSP-13-10 Rev00), and SUMMARY OF APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-14 Rev00)
- i. Prepared by: <Estimator - permanent Engineer II/III>
 - ii. Checked/Submitted by: <Planning and Design Division Chief (initial: Unit Head, Section Chief and Assistant Division Chief)>
 - iii. Recommending Approval: <Assistant Regional Director>
 - iv. Approved: <Regional Director>
- 3.2. For APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-15 Rev00)
- i. Prepared by: <Estimator - permanent Engineer II/III>
 - ii. Checked/Submitted by: <Planning and Design Division Chief (initial: Unit Head, Section Chief and Assistant Division Chief)>
- 3.3. For DETAILED UNIT PRICE ANALYSIS (DPWH-QMSP-13-16 Rev00)
- i. Prepared by: <Estimator - permanent Engineer II/III>
4. For the Bureau of Construction (BOC), signatories are as follows:
- 4.1. For PROGRAM OF WORKS (DPWH-QMSP-13-10 Rev00), and SUMMARY OF APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-14 Rev00)

- i. Prepared by: <Estimator - permanent Engineer II/III from the Pre-Construction Division (PCD)/ Construction Support Services Division (CSSD)>
 - ii. Checked/Submitted by: <Division Chief of PCD/CSSD (initial: Section Chief of PCD/CSSD)>
 - iii. Recommending Approval: <Assistant Bureau Director>
 - iv. Approved: <Bureau Director>
- 4.2. For APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-15 Rev00)
- i. Prepared by: <Estimator - permanent Engineer II/III from PCD/CSSD>
 - ii. Checked/Submitted by: <Division Chief of PCD/CSSD (initial: Section Chief of PCD/CSSD)>
- 4.3. For DETAILED UNIT PRICE ANALYSIS (DPWH-QMSP-13-16 Rev00)
- i. Prepared by: <Estimator - permanent Engineer II/III from PCD/CSSD>

VIII. Additional instructions and corresponding signatories, if the approval is **beyond** the limits of delegated authority of the Implementing Office (IO).

1. All rows/columns in all forms with identifier "AS EVALUATED" shall be filled out by the evaluating office.
2. For estimates prepared by the DEOs, to be evaluated/approved by the RO, signatories are as follows:
 - 2.1. For PROGRAM OF WORKS (DPWH-QMSP-13-10 Rev00), and SUMMARY OF APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-14 Rev00)
 - i. Prepared by: <Estimator from DEO - permanent Engineer II>
 - ii. Checked/Submitted by: <District Engineer (initial: Unit Head, Section Chief and Assistant District Engineer)>
 - iii. Reviewed as to Unit Cost: <Planning and Design Division Chief of Regional Office (initial: other evaluators from RO, Unit Head, Section Chief and Assistant Division Chief)>
 - iv. Recommending Approval: <Assistant Regional Director>
 - v. Approved: <Regional Director>

- 2.2. For APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-15 Rev00)
 - i. Prepared by: <Estimator from DEO - permanent Engineer II>
 - ii. Checked/Submitted by: <District Engineer (initial: Unit Head, Section Chief and Assistant District Engineer)>
 - iii. Reviewed as to Unit Cost: <Planning and Design Division Chief of Regional Office (initial: other evaluators from RO, Unit Head, Section Chief and Assistant Division Chief)>
- 2.3. For DETAILED UNIT PRICE ANALYSIS (DPWH-QMSP-13-16 Rev00)
 - i. Prepared by: <Estimator from DEO - permanent Engineer II>
 - ii. Evaluated by: <Evaluator from RO - permanent Engineer II/III>
3. For estimates prepared by the ROs, to be evaluated/approved by the CO, signatories are as follows:
 - 3.1. For PROGRAM OF WORKS (DPWH-QMSP-13-10 Rev00), and SUMMARY OF APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-14 Rev00)
 - i. Prepared by: <Estimator from RO - permanent Engineer II/III>
 - ii. Checked/Submitted by: <Regional Director (initial: Unit Head, Section Chief, Assistant Division Chief, Division Chief and Assistant Regional Director)>
 - iii. Reviewed as to Unit Cost: <BOC Director (initial: other evaluators from BOC, Section Chief of PCD/CSSD, Division Chief of PCD/CSSD and Assistant Bureau Director)>
 - iv. Recommending Approval: <Assistant Secretary for Technical Services>
 - v. Approved: <Undersecretary for Technical Services>
 - 3.2. For APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-15 Rev00)
 - i. Prepared by: <Estimator from RO - permanent Engineer II/III>
 - ii. Checked/Submitted by: <Regional Director (initial: Unit Head, Section Chief, Assistant Division Chief, Division Chief and Assistant Regional Director)>
 - iii. Reviewed as to Unit Cost: <BOC Director (initial: other evaluators from BOC, Section Chief of PCD/CSSD, Division Chief of PCD/CSSD and Assistant Bureau Director)>

- 3.3. For DETAILED UNIT PRICE ANALYSIS (DPWH-QMSP-13-16 Rev00)
 - i. Prepared by: <Estimator from RO - permanent Engineer II/III>
 - ii. Evaluated by: <Evaluator from CO - BOC - permanent Engineer II/III>
4. For estimates prepared by the Unified Project Management Offices (UPMOs), to be evaluated/approved by the CO - BOC (up to PhP 50 Million), signatories are as follows:
 - 4.1. For PROGRAM OF WORKS (DPWH-QMSP-13-10 Rev00), and SUMMARY OF APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-14 Rev00)
 - i. Prepared by: <Estimator from UPMO - permanent Engineer II/III/Consultant>
 - ii. Checked/Submitted by: <Project Director (initial: Unit Head/Section Chief/Division Chief and Project Manager)>
 - iii. Reviewed as to Unit Cost: <Division Chief of PCD/CSSD (initial: other evaluators from BOC, Section Chief of PCD/CSSD)>
 - iv. Recommending Approval: <Assistant Bureau Director>
 - v. Approved: <Bureau Director>
 - 4.2. For APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-15 Rev00)
 - i. Prepared by: <Estimator from UPMO - permanent Engineer II/III/Consultant>
 - ii. Checked/Submitted by: <Project Director (initial: Unit Head/Section Chief/Division Chief and Project Manager)>
 - iii. Reviewed as to Unit Cost: <Division Chief of PCD/CSSD (initial: other evaluators from BOC, Section Chief of PCD/CSSD)>
 - 4.3. For DETAILED UNIT PRICE ANALYSIS (DPWH-QMSP-13-16 Rev00)
 - i. Prepared by: <Estimator from UPMO - permanent Engineer II/III/Consultant>
 - ii. Evaluated by: <Evaluator from CO - BOC - permanent Engineer II/III>
5. For estimates prepared by the Unified Project Management Offices (UPMOs), to be evaluated by BOC and approved by the CO – Office of the Assistant Secretary for Technical Services (up to PhP 100 Million), signatories are as follows:
 - 5.1. For PROGRAM OF WORKS (DPWH-QMSP-13-10 Rev00), and SUMMARY OF APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-14 Rev00)

- i. Prepared by: <Estimator from UPMO - permanent Engineer II/III/Consultant>
 - ii. Checked/Submitted by: <Project Director (initial: Unit Head/Section Chief/Division Chief and Project Manager)>
 - iii. Reviewed as to Unit Cost: <Division Chief of PCD/CSSD (initial: other evaluators from BOC, Section Chief of PCD/CSSD)>
 - iv. Recommending Approval: <Bureau Director (initial: Assistant Bureau Director)>
 - v. Approved: <Assistant Secretary for Technical Services>
- 5.2. For APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-15 Rev00)
- i. Prepared by: <Estimator from UPMO - permanent Engineer II/III/Consultant>
 - ii. Checked/Submitted by: <Project Director (initial: Unit Head/Section Chief/Division Chief and Project Manager)>
 - iii. Reviewed as to Unit Cost: <Division Chief of PCD/CSSD (initial: other evaluators from BOC, Section Chief of PCD/CSSD)>
- 5.3. For DETAILED UNIT PRICE ANALYSIS (DPWH-QMSP-13-16 Rev00)
- i. Prepared by: <Estimator from UPMO - permanent Engineer II/III/Consultant>
 - ii. Evaluated by: <Evaluator from CO - BOC - permanent Engineer II/III>
6. For estimates prepared by the Unified Project Management Offices (UPMOs), to be evaluated by BOC and approved by the CO – Office of the Undersecretary for Technical Services (more than PhP 100 Million), signatories are as follows:
- 6.1. For PROGRAM OF WORKS (DPWH-QMSP-13-10 Rev00), and SUMMARY OF APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-14 Rev00)
- i. Prepared by: <Estimator from UPMO - permanent Engineer II/III/Consultant>
 - ii. Checked/Submitted by: <Project Director (initial: Unit Head/Section Chief/Division Chief and Project Manager)>

- iii. Reviewed as to Unit Cost: <Bureau Director (initial: other evaluators from BOC, Section Chief of PCD/CSSD, Division Chief of PCD/CSSD, Assistant Bureau Director)>
- iv. Recommending Approval: <Assistant Secretary for Technical Services>
- v. Approved: <Undersecretary for Technical Services>

6.2. For APPROVED BUDGET FOR THE CONTRACT (DPWH-QMSP-13-15 Rev00)

- i. Prepared by: <Estimator from UPMO - permanent Engineer II/III/Consultant>
- ii. Checked/Submitted by: <Project Director (initial: Unit Head/Section Chief/Division Chief and Project Manager)>
- iii. Reviewed as to Unit Cost: <Bureau Director (initial: other evaluators from BOC, Section Chief of PCD/CSSD, Division Chief of PCD/CSSD, Assistant Bureau Director)>

6.3. For DETAILED UNIT PRICE ANALYSIS (DPWH-QMSP-13-16 Rev00)

- i. Prepared by: <Estimator from UPMO - permanent Engineer II/III/Consultant>
- ii. Evaluated by: <Evaluator from CO - BOC - permanent Engineer II/III>