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DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Manila

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DEPARTMENT ORDER)


NO. 100)
Series of 2017)

SUBJECT: Prescribing a Consultant's Performance Evaluation System (ConsPES) for Infrastructure Projects

In line with the continuing efforts of the DPWH to improve the performance evaluation of consultants for infrastructure projects, the revised Guidelines on Consultant's Performance Evaluation System (ConsPES) for Infrastructure Projects is hereby prescribed for compliance by all concerned.

This Order shall supersede Department Order No. 145, Series of 2016 and shall take effect immediately.

MARK A. VILLAR
Secretary


RAFAEL C. YABUT
Senior Undersecretary
Officer-In-Charge

Department of Public Works and Highways
Office of the Secretary



WIN7XS00319

Encl: Revised Consultant's Performance Evaluation System (ConsPES) Guidelines

12.1.2 FJZD/AAT/JABS/MGNO/NEP

Revised Consultant's Performance Evaluation System (ConsPES) Guidelines

Table of Contents

A.	Objectives of ConsPES	3
B.	Guidelines	3
C.	Basic Criteria and Weights by Type of Consulting Services	5
D.	Basic Rating System	6
E.	Application of ConsPES Ratings	6
F.	List of Annexes	7

A. Objectives of ConsPES

ConsPES seeks to achieve the following objectives:

1. To set an objective and consistent method to evaluate, measure, and rate a Consultant's performance in DPWH projects.
2. To provide the DPWH with a means to incentivize Consultants to perform good work.
3. To provide the DPWH essential inputs in the process of selecting Consultants for its future consulting services project.
4. To give Consultants the opportunity to improve their job performance from one ConsPES rating period to another.

B. Guidelines

1. ConsPES shall be used mainly for the most common types of consulting services engaged by the DPWH – Feasibility Study (FS), Detailed Engineering Design (DED), and Construction Supervision (CS). For other types of consulting services – e.g., preparation of Master Plan, specialized technical jobs such as geotechnical investigations, traffic surveys, parcellary surveys, and institutional capacity development - the Procurement Service (PrS) through its Consulting Services Division (PrS-CSD) - shall customize ConsPES to fit the specific requirements of those services, upon request of the concerned Implementing Unit (IU).
2. The evaluation and rating of a consultant's performance, using ConsPES, shall be done by a ConsPES Team to be formed by the Director of the PrS, with members from the following offices to be designated by their respective heads of office, on a project-to-project basis, depending on the type of consulting services involved:

FS	DED	CS
PrS-CSD	PrS-CSD	PrS-CSD
Planning Service – Project Preparation Division (PS-PPD)	Bureau of Design (BOD)	Concerned Cluster of Unified Project Management Office (UPMO)
BOD	Bureau of Construction (BOC)	BOC

3. The evaluation of the consultant's performance, through ConsPES, shall be carried out upon reaching the following milestones using the criteria given in ANNEX A:
 - a. 50% of contract period
 - b. 100% of contract period
4. The IU shall assign the corresponding points for each activity and/or deliverable required in the Terms of Reference (TOR).
5. The IU concerned shall transmit the Consultant's deliverables to the following specialized offices, for review/evaluation of the specific aspects pertaining to their offices:

Specialized Offices	FS	DED	CS	Others
PS	✓			
BOD	✓	✓		
BOC	✓	✓	✓	
UPMO			✓	
Bureau of Research and Standards			✓	
Bureau of Quality and Safety			✓	
Others				

6. For each consultant's deliverable (except for CS), the specialized offices responsible for reviewing/evaluating the deliverable shall determine whether the defects/deficiencies in the deliverable are major or minor based on their respective checklists. Only one staff from the specialized office concerned shall be assigned to review/evaluate a particular (or a specific aspect of) deliverable throughout the entire contract period. The Director of the concerned specialized office shall synthesize the results of its evaluation of each deliverable using the form in ANNEX B (Summary of Findings) and submit this to the PrS-CSD. In addition, the IU must furnish the PrS-CSD with the exchange of communication/correspondences (e.g., DPWH to Consultant vice-versa, DPWH office to another DPWH office, and the like).
7. For FS and DED, based on the Summaries of Findings for each deliverable submitted by the concerned specialized offices, the ConsPES Team shall evaluate and rate the performance of the consultant using the criteria in ANNEX A.
8. The ConsPES Team shall prepare the corresponding Intermediate Evaluation Report (IER) indicating its performance rating using the form in ANNEX C and submit it to the Director of the PrS for review and notation. The IER shall be submitted on the following milestones with their respective weights:

IER No.	Milestone	Weight
1	50% of contract period	50%
2	100% of contract period	50%

9. Upon completion of the consulting services, the ConsPES Team shall compute the final performance rating of the consultant, which is the sum of the weighted ratings obtained in the two evaluation periods. The Team shall then submit its Final Evaluation Report (FER) using the form in ANNEX D to the PrS Director for review.
10. The PrS Director shall recommend the approval of FER to the approving authority concerned.
11. Prior to the approval of the FER, the PrS-CSD shall provide a copy of FER to the consultant concerned for his information. If requested by the consultant within five (5) calendar days from the date of receipt of the FER, the ConsPES Team shall discuss with the consultant the said report.
12. The PrS-CSD shall maintain a ConsPES database which shall include, among other things, the findings and performance ratings of the consultants evaluated.

13. The latest ConsPES rating of the Consultant shall be used by the BAC as an input in the shortlisting and evaluation of technical proposal of the Consultant for the next bidding. The Consultant will be rated in two (2) phases as shown on the table below:

Consultant being rated	Phase 1 Rating	Phase 2 Rating
FS Consultant	Based on completed FS	Based on implemented FS*, done by DED Consultant/IU (not necessarily the FS Consultant)
DED Consultant	Based on completed DED	Based on implemented DED*, supervised by the CS Consultant/IU (not necessarily the DED Consultant)
CS Consultant	Based on completed CS	Based on the findings of the IU and ConsPES Team during the Defects Liability Period (DLP)

**provided the scope of works is the same, otherwise use the Phase 1 rating*

14. The latest ConsPES Rating to be used in the succeeding biddings shall be the Phase 2 rating of the Consultant.
15. All the firms in a joint venture or association shall be given the same ConsPES rating in a particular contract.
16. The ConsPES Rating of a consultant in a packaged contract, i.e., a contract with multiple projects awarded to a single consultant, shall be computed by obtaining the weighted (according to cost) average of its performance ratings in all projects in the contract.

C. Basic Criteria and Weights by Type of Consulting Services

ConsPES shall use the following basic criteria, with their corresponding weights, for the common types of consulting services – Feasibility Study, Detailed Engineering Design, and Construction Supervision:

Phase 1:

Criteria	Feasibility Study (FS)	Detailed Engineering Design (DED)	Construction Supervision (CS)
Quality (of Output)	50	60	60
Cost (of Output)	20	20	20
Schedule (of Deliverables)	30	20	20
Total	100 pts.	100 pts.	100 pts.

Phase 2:

Criteria	FS as evaluated after DED stage	DED as evaluated after CS stage	CS as evaluated after the DLP
Quality (of Output)	50	60	60
Cost (of Output)*	20	20	20
Schedule (of Deliverables)*	30	20	20
Total	100 pts.	100 pts.	100 pts.

** The same rating in Phase 1 will be used in Phase 2.*

D. Basic Rating System

ConsPES shall use the following numerical and adjectival ratings:

Numerical	Adjectival
95% to 100%	Very Satisfactory
85% to <95%	Satisfactory
70 to <85%	Fair
<70%	Unsatisfactory

E. Application of ConsPES Ratings

The ConsPES ratings shall be used by the concerned Bids and Awards Committees as inputs in the shortlisting and the evaluation of technical proposals of consultants, as follows:

	PROPOSED WEIGHTS	
	With ConsPES	Without ConsPES*
For Shortlisting:		
1. Applicable Experience of Firm	25%	35%
2. Qualification of Personnel of the entire Firm	30%	40%
3. Job Capacity	20%	25%
4. ConsPES Rating	25%	-
Total	100%	100%
For Evaluation of Technical Proposals		
1. Applicable Experience of Firm	10%	10%
2. Work Plan and Methodology	15%	20%
3. Qualification of Personnel to be assigned to the Project	55%	70%
4. ConsPES Rating	20%	-
Total	100%	100%

** For firms without ConsPES ratings, the weights in this column shall be used.*

For the procurement - i.e., shortlisting or evaluation of technical proposals – of a specific consulting services contract, the ConsPES rating to be used shall be that for a similar completed services contract. In case the consultant has two or more ConsPES ratings, the average ConsPES rating of the last two similar consulting services contracts shall be used for shortlisting and evaluation of technical proposals.

F. List of Annexes

Annex	Title	Responsible Office
A	DPWH ConsPES Criteria and Rating System by Type of Services <ul style="list-style-type: none"> • Feasibility Study (FS) • Detailed Engineering Design (DED) • Construction Supervision (CS) 	ConsPES Team
B	Summary of Findings <ul style="list-style-type: none"> • Feasibility Study (FS) • Detailed Engineering Design (DED) 	Specialized Office
C	Intermediate Evaluation Report (IER) <ul style="list-style-type: none"> • Feasibility Study (FS) • Detailed Engineering Design (DED) • Construction Supervision (CS) 	ConsPES Team
D	Final Evaluation Report (FER) <ul style="list-style-type: none"> • Feasibility Study (FS) • Detailed Engineering Design (DED) • Construction Supervision (CS) 	ConsPES Team
E	Monitoring Control for Construction Supervision of Flood Control Projects	-

**DPWH CONSULTANT'S PERFORMANCE EVALUATION SYSTEM (ConsPES)
CRITERIA AND RATING SYSTEM BY TYPE OF SERVICES**

A. FEASIBILITY STUDY (FS)

Criteria	Points
1. Quality	<u>50</u>
1.1 Adequacy and accuracy of FS assumptions, data, analyses, and outputs vs. Terms of Reference (TOR)	20
1.2 Cost-effectiveness of FS recommendation, including PED	20
1.3 Tenure of Consultant's key personnel	10
2. Cost	<u>20</u>
2.1 Completeness of FS/PED cost estimates vs. TOR cost items/ requirements	8
2.2 Comparison of FS/PED cost estimates with accepted benchmarks	12
3. Schedule	<u>30</u>
3.1 Adherence to schedule of accepted FS deliverables	30
Total	<u>100</u>

1. Quality: 50 Points

Criteria	Weights	Indicators	Rating System	
			Errors/ Inaccuracies/ Deficiencies (70%)	Resubmissions (30%)
1.1 Adequacy and accuracy of FS assumptions, data, analyses, and outputs vs. Terms of Reference (TOR) covering the following: a. Engineering surveys (topographic, geotechnical, hydrologic, etc.) b. Traffic/market surveys and analyses c. Prel. engg design (PED) including cost estimates d. Economic evaluation e. Environmental impact	40%	a. Extent and impact of errors/ inaccuracies/ deficiencies in FS data, analyses, and outputs, based on DPWH review and validation.* b. Number of resubmissions of corrected FS. ----- * see Notes on Phase 2 evaluation (page 5).	<u>100%: Very Satisfactory</u> – FS assumptions, data and outputs required no changes or only minor ones for clarity. No major technical errors/ inaccuracies/ deficiencies** that influenced quality of FS outputs. <u>85%: Satisfactory</u> – 1-3 documented major errors/	<u>100%: Very Satisfactory</u> - No resubmission required. <u>85%: Satisfactory</u> – One (1) resubmission required to correct the work. <u>70%: Fair</u> – Two (2) resubmissions required to correct the work. <u>50%: Unsatisfactory</u> –

<p>f. Social and GAD g. ROW Plan and RAP h. Preliminary value engineering i. Risk analysis j. Financial and Value for Money analyses for PPP k. Operational analysis l. Others</p> <p>----- <i>Under this criterion, the IU shall specify the weight/multiplier for each item (column 1.1) as indicated in the TOR. The weights may vary from one project to another.</i></p>			<p>inaccuracies/ deficiencies.</p> <p><u>70%: Fair</u>– 4-6 documented major errors/ inaccuracies/ deficiencies.</p> <p><u>50%:</u> <u>Unsatisfactory</u> – More than 6 documented major errors/ inaccuracies/ deficiencies</p> <p>----- <i>** see Notes on major FS defects/ deficiencies (page 5).</i></p> <p>----- <i>3 minor errors shall be equivalent to 1 major error.</i></p>	<p>Three (3) or more resubmissions to correct the work.</p>
<p>1.2 Cost-effectiveness of FS recommendation, including PED.</p>	<p>40%</p>	<p>a. Extent of DPWH comments*** on Consultant's evaluation of alternatives, based on economic cost-benefit analyses (CBA) and other relevant criteria, leading to recommended most cost-effective scheme.</p> <p>b. No. of revisions made</p> <p>----- <i>*** see Notes on DPWH comments on Consultant's evaluation of alternatives (p.5).</i></p>	<p><u>100%: Very satisfactory</u> – Evaluation results readily accepted by DPWH with no adverse comments.</p> <p><u>85%: Satisfactory</u> – Evaluation results required 1-3 major adverse comments by DPWH.</p> <p><u>70%: Fair</u> – Evaluation results required 4-6 major adverse comments by DPWH.</p> <p><u>50%:</u> <u>Unsatisfactory</u> – Evaluation results</p>	<p><u>100%: Very satisfactory</u> – No resubmission required.</p> <p><u>85%: Satisfactory</u> – One (1) revision/ resubmission before being accepted by DPWH.</p> <p><u>70%: Fair</u> – Two (2) revisions/ resubmissions before being accepted by DPWH.</p> <p><u>50%:</u> <u>Unsatisfactory</u> – Three (3) or more revisions/ resubmissions before being accepted by DPWH.</p>

			required more than 6 major adverse comments by DPWH.	
1.3 Tenure of Consultant's key personnel (Upon award of contract)	20%	Incidence of replacement of key personnel (weighted according to their roles) with or without valid reasons.	<p><u>100%: Very satisfactory</u> – No replacement of key personnel over the duration of the Consulting services.</p> <p><u>85%: Satisfactory</u> – Replacement of less than 20% of the number of key personnel.</p> <p><u>70%: Fair</u> – Replacement of 20-30% of the number of key personnel.</p> <p><u>50%: Unsatisfactory</u> – Replacement of project manager and/or more than 30% of the number of key personnel.</p> <p>-----</p> <p>Replacement (%) = (No. of Replacement ÷ Total Number of Key Personnel) x 100</p>	

2. Cost of Output: 20 Points

Criteria	Weight	Indicators	Rating System
2.1 Completeness of FS/PED cost estimates vs. TOR cost items/ requirements	40%	Extent of coverage of FS/PED cost elements: materials, labor, equipment, indirect costs (cost of money, insurance, contingencies, taxes, etc.), ROW, etc., as reflected in the TOR (See DO 197, series of 2016 for factors. Level of accuracy is ± 20%).	<p><u>100%: Very Satisfactory</u> – Omissions/ errors/ inaccuracies in cost items, affecting less than 5% of total cost.</p> <p><u>85%: Satisfactory</u> – Omissions/ errors/ inaccuracies in cost items, affecting 5% to less than 10% of total cost.</p> <p><u>70%: Fair</u> – Omissions/ errors/ inaccuracies in some cost items, affecting 10-20% of total cost.</p> <p><u>50%: Unsatisfactory</u> – Omissions/ errors/ inaccuracies in cost items, affecting more than 20% of total cost.</p> <p>-----</p> <p>Variance (%) = [(Consultant's Total Cost Estimate – Sum of TOR Cost Items) ÷ Sum of TOR Cost Items] x 100</p> <p><u>Sign convention:</u> (+): If Consultant's cost estimate is above the sum of TOR cost items</p>

Criteria	Weight	Indicators	Rating System
			<p>(-): If Consultant's cost estimate is below the sum of TOR cost items</p> <p><i>Note: Variance shall be based on cost elements that are:</i></p> <ul style="list-style-type: none"> a. excluded by the Consultant b. included by the Consultant which exceed the requirements of the TOR and disapproved by DPWH. c. understated/ overstated by the Consultant
2.2 Comparison of FS/PED cost estimates with accepted benchmarks	60%	Extent of variance of FS/PED cost estimates vs. accepted DPWH/ industry/ benchmarks/ standards (e.g., cost per km of road, cost/lineal meter of bridge, cost/sq. m of bldg.) and vs. required +/-20% accuracy - adjusted for special characteristics.	<p><u>100%: Very Satisfactory</u> – Total variance less than 10%.</p> <p><u>85%: Satisfactory</u> – Total variance within 10-15%.</p> <p><u>70%: Fair</u> – Total variance within 15-20%, and/or variance for some major items more than 20%.</p> <p><u>50%: Unsatisfactory</u> – Total variance more than 20%, and/or variance for major items more than 30%.</p> <p>-----</p> <p>Variance (%) = [(Consultant's Cost Estimate – Standard Cost) ÷ Standard Cost] x 100</p> <p><u>Sign convention:</u> (+): If Consultant's cost estimate is above the standard cost (-): If Consultant's cost estimate is below the standard cost</p> <p><i>Note: Use existing data per region / province. Cost elements without available benchmarks shall not be evaluated.</i></p>

3. Schedule: 30 Points

Criteria	Weight	Indicators	Rating System
3.1 Adherence to schedule of accepted FS deliverables	100%	Extent of actual time slippage (delay) vs. original/approved schedule for FS deliverables, due	<u>100%: Very Satisfactory</u> – FS deliverables completed/ submitted ahead of or on schedule.

		to the Consultant's fault.	<p><u>85%: Satisfactory</u> – Slippage of less than 10% of original delivery period, due to Consultant's fault.</p> <p><u>70%: Fair</u> – Slippage of 10-15%, due to Consultant's fault.</p> <p><u>50%: Unsatisfactory</u> – Slippage of more than 15%, due to Consultant's fault.</p> <p>-----</p> <p>Time Slippage (%) = [(Contract Schedule – Actual Schedule) ÷ Contract Schedule] x 100</p>
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NOTES:

***Phase 2 Evaluation**

If the IU, together with the DED Consultant, finds additional errors and discrepancies in the FS output during the DED phase (Phase 2), this criteria (Indicator A of 1.1) shall also be used to compute the Phase 2 rating of the FS Consultant. The same rating in Phase 1 shall be applied for other criteria.

****Major FS Errors/Deficiencies:**

- Use of "table" survey instead of actual field survey (e.g., traffic, socio-economic, road and river profile/cross-section surveys).
- Use of wrong benchmarks, coordinates.
- Use of inadequate/inappropriate assumptions (e.g., traffic parameters/adjustment factors, VOC, growth rates).
- Errors in geotechnical investigation such as inadequate spacing and depth of boreholes.
- Wrong preliminary design analysis on the main frame that will affect the structural integrity of the project (e.g., seismic coefficient, design flood level/return period).
- Inadequate preliminary design data used in structural analysis (e.g., thickness, materials).
- Inadequate value engineering to determine the most cost-effective design.
- Non-compliance with major environmental requirements for environmentally critical projects and projects in environmentally critical areas.
- Inappropriate cost estimate of right of way acquisition.
- *Other major FS errors/deficiencies, as may be added by PS, depending on the project.*

FS errors/deficiencies not stated above are considered minor FS errors/deficiencies.

*****Possible adverse comments of DPWH on Consultant's evaluation of alternatives:**

- Failure of the Consultant to meet the minimum number of proposed alternative schemes as per TOR requirement.
- Major omission of a potential cost-effective alternative.
- Inadequate economic cost-benefit analysis to determine the most cost-effective scheme.
- Non-consideration of possible conflict with other ongoing government infrastructure projects.
- Use of secondary traffic data in traffic analyses.
- No reference/s cited for the report on the profiles of the location of the subject project.
- *Other adverse comments, as may be added by PS, depending on the project.*

B. DETAILED ENGINEERING DESIGN (DED)

Criteria	Points
1. Quality	60
1.1 Adequacy and accuracy of DED surveys and plans, analyses, and outputs vs. Terms of Reference (TOR)	36
1.2 Cost-effectiveness of DED	12
1.3 Tenure of Consultant's key personnel	12
2. Cost	20
2.1 Completeness and accuracy of DED cost estimates in the DUPA vs. TOR cost items/ requirements	8
2.2 Comparison of DED cost estimates with accepted benchmarks	12
3. Schedule	20
3.1 Adherence to schedule of accepted DED deliverables	20
Total	100

1. Quality: 60 Points

Criteria	Weight	Indicators	Rating System	
			Errors/ Inaccuracies/ Deficiencies (70%)	Resubmissions (30%)
1.1 Adequacy and accuracy of DED surveys and plans, analyses, and outputs vs. Terms of Reference (TOR) covering the following: a. Field investigations/ surveys (topographic, geotechnical, hydrologic, parcellary, etc.) b. Design analyses (geometric, structural, seismic, hydro, etc.) c. Drawings d. Specifications e. Bidding documents f. Others	60%	a. Extent and impact of errors/ inaccuracies/ deficiencies in DED surveys and plans, analyses, and outputs, based on DPWH review and validation* b. Number of resubmissions of corrected DED ----- <i>* See Notes on Phase 2 evaluation (page 10).</i>	<u>100%: Very Satisfactory</u> – DED surveys and plans, analyses, and outputs required no/minor changes for clarity only. No major technical errors/inaccuracies/ deficiencies** that influenced quality of DED outputs. <u>85%: Satisfactory</u> – 1-3 documented major errors/inaccuracies/ deficiencies. <u>70%: Fair</u> – 4-6 documented major errors/inaccuracies/ deficiencies (e.g.,	<u>100%: Very Satisfactory</u> – No resubmission required. <u>85%: Satisfactory</u> – One (1) resubmission required to correct the work. <u>70%: Fair</u> – Two (2) resubmissions required to correct the work. <u>50%: Unsatisfactory</u> – Three (3) or more resubmissions to correct the work.

Criteria	Weight	Indicators	Rating System	
			Errors/ Inaccuracies/ Deficiencies (70%)	Resubmissions (30%)
<p>-----</p> <p><i>Under this criterion, the IU shall specify the weight/ multiplier for each item (column 1.1) as indicated in the TOR. The weights may vary from one project to another.</i></p>			<p>wrong BM or seismic coefficient).</p> <p><u>50%:</u> <u>Unsatisfactory</u>– More than 6 documented major errors/ inaccuracies/ deficiencies</p> <p>-----</p> <p>** See Notes on major errors/inaccuracies/ deficiencies (page 11).</p> <p>-----</p> <p><i>3 minor errors shall be equivalent to 1 major error.</i></p>	
1.2 Cost-effectiveness of DED	20%	<p>a. Extent of DPWH comments on Consultant's evaluation of alternative schemes, using VE and other relevant criteria, leading to recommendation of most cost-effective alternative.</p> <p>b. No. of revisions/ resubmissions made.</p>	<p><u>100%: Very Satisfactory</u> – Evaluation adequately used VE and other relevant criteria, and recommended most cost-effective alternative readily accepted by DPWH with no/minor adverse comments.</p> <p><u>85%: Satisfactory</u> – Evaluation used relevant criteria, and recommended alternative accepted by DPWH, with minor comments by DPWH – with less than 10% cost savings identified by DPWH but missed by consultant (thru VE).</p>	<p><u>100%: Very satisfactory</u> – No resubmission required.</p> <p><u>85%: Satisfactory</u> – One (1) revision/ resubmission before being accepted by DPWH.</p> <p><u>70%: Fair</u> – Two (2) revisions/ resubmissions before being accepted by DPWH.</p> <p><u>50%: Unsatisfactory</u> – Three (3) or more revisions/ resubmissions before being accepted by DPWH.</p>

Criteria	Weight	Indicators	Rating System	
			Errors/ Inaccuracies/ Deficiencies (70%)	Resubmissions (30%)
			<p><u>70%: Fair</u> – Evaluation required substantive/major comments/ involvement by DPWH – with 10-20% cost savings identified by DPWH but missed by consultant (thru VE).</p> <p><u>50%: Unsatisfactory</u> – Evaluation required extensive involvement by DPWH and major reassessment with more than 20% cost savings identified by DPWH but missed by consultant (thru VE).</p> <p>-----</p> <p>Variance (%) = [(Budgetary Cost – Approved Cost per Alternative Scheme) ÷ Budgetary Cost] x 100</p>	

Criteria	Weight	Indicators	Rating System
1.3 Tenure of Consultant's key personnel (Upon award of contract)	20%	Incidence of replacement of key personnel (weighted according to their roles) with or without valid reasons	<p><u>100%: Very satisfactory</u> – No replacement of key personnel over the duration of the Consulting services.</p> <p><u>85%: Satisfactory</u> – Replacement of less than 20% of the number of key personnel.</p> <p><u>70%: Fair</u> – Replacement of 20-30% of the number of key personnel.</p> <p><u>50%: Unsatisfactory</u> – Replacement of project manager and/or more than 30% of the number of key personnel.</p>

			<p>-----</p> <p>Replacement (%) = (No. of Replacement ÷ Total Number of Key Personnel) x 100</p>
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2. Cost: 20 Points

Criteria	Weight	Indicators	Rating System
2.1 Completeness and accuracy of DED cost estimates in the DUPA vs. TOR cost items/ requirements	40%	<p>a. Extent of coverage of DED cost elements: materials, labor, equipment, indirect costs (cost of money, insurance, bonds, contingencies, profit, taxes, etc.), ROW, etc. as reflected in the TOR (See DO 197, series of 2016, for factors).</p> <p>b. Adequacy of Detailed Unit Price Analysis (DUPA)</p>	<p><u>100%: Very Satisfactory</u> – Omissions of cost items and errors/deficiencies in DUPA, affecting less than 5% of total cost.</p> <p><u>85%: Satisfactory</u> – Omissions of cost items and errors/deficiencies in DUPA, affecting 5-10% of total cost.</p> <p><u>70%: Fair</u> – Omissions of some cost items and errors/deficiencies in DUPA, affecting more than 10% up to 15% of total cost.</p> <p><u>50%: Unsatisfactory</u> – Omissions of cost items and errors/deficiencies in DUPA, affecting more than 15% of total cost.</p> <p>-----</p> <p>Variance (%) = [(Consultant's Total Cost Estimate – Sum of TOR Cost Items) ÷ Sum of TOR Cost Items] x 100</p> <p><u>Sign convention:</u> (+): If Consultant's cost estimate is above the total approved cost (-): If Consultant's cost estimate is below the total approved cost</p> <p><i>Note: Variance shall be based on cost elements that are:</i></p> <ol style="list-style-type: none"> <i>excluded by the Consultant</i> <i>included by the Consultant which exceed the requirements of the TOR and disapproved by DPWH.</i> <i>understated/ overstated by the Consultant</i>
2.2 Comparison of DED cost estimates with accepted benchmarks.	60%	Extent of variance of DED cost estimates vs. DPWH/industry benchmarks/ standards (e.g., cost/km of road, cost/lineal m of bridge, cost/sq m of bldg.), and vs.	<p><u>100%: Very Satisfactory</u> – Total variance within 5%.</p> <p><u>85%: Satisfactory</u> – Total variance within 5-10%.</p> <p><u>70%: Fair</u> – Total variance within 10-15%, and/or variance for some major items more than 15%.</p>

Criteria	Weight	Indicators	Rating System
		required +/-5-10% accuracy - adjusted for special characteristics.	<p><u>50%: Unsatisfactory</u> – Total variance more than 15%, and/or variance for major items more than 20%.</p> <p>-----</p> <p>Variance (%) = [(Consultant's Cost Estimate – Standard Cost) ÷ Standard Cost] x 100</p> <p><u>Sign convention:</u> (+): If Consultant's cost estimate is above the standard cost (-): If Consultant's cost estimate is below the standard cost</p> <p><i>Note: Use existing data per region / province. Cost elements without available benchmarks shall not be evaluated.</i></p>

3. Schedule: 20 Points

Criteria	Weight	Indicators	Rating System
3.1 Adherence to schedule of accepted DED deliverables	100%	Extent of actual time slippage (delay) vs. original/approved schedule for deliverables, due to the Consultant's fault.	<p><u>100%: Very Satisfactory</u> – DED deliverables completed and submitted ahead of or on schedule.</p> <p><u>85%: Satisfactory</u> – Slippage of less than 10% of original delivery period, due to Consultant's fault.</p> <p><u>70%: Fair</u> – Slippage of 10-15%, due to the Consultant's fault.</p> <p><u>50%: Unsatisfactory</u> – Slippage of more than 15%, due to the Consultant's fault.</p> <p>-----</p> <p>Time Slippage (%) = [(Contract Schedule – Actual Schedule) ÷ Contract Schedule] x 100</p>

NOTES:

***Phase 2 Evaluation**

If the IU, together with the CS Consultant, finds additional errors and discrepancies in the DED output during the CS phase (Phase 2), this criteria (Indicator A of 1.1) shall also be used to compute the Phase 2 rating of the DED Consultant. The same rating in Phase 1 shall be applied for other criteria.

****Major DED Errors/Deficiencies:**

- Use of table survey instead of actual field survey.
- Use of wrong benchmarks, coordinates, topographical data, mean sea level elevation.
- Errors in geotechnical investigation, such as inadequate spacing and depth of boreholes, lack of understanding of subsurface condition.
- Wrong design analysis on the main frame that will affect structural integrity of the project (e.g., seismic coefficient, design flood return period, maximum experienced flood elevation).
- Inadequate design data used in structural analysis (e.g., thickness, materials).
- Inappropriate value engineering to determine the most cost-effective design.
- Non-consideration of socio-political issues – e.g., historical landmarks, densely populated area - resulting in non-implementation or major realignment/revision of project.
- *Other major DED errors/deficiencies, as may be added by BOD, depending on the project.*

DED errors/deficiencies not stated above are considered minor DED errors/deficiencies.

C. CONSTRUCTION SUPERVISION (CS)

Criteria	Points
1. Quality	<u>60</u>
1.1 Consultant's efficiency in ensuring contractor's compliance of its construction work with the approved DED, particularly plans and specifications	30
1.2 Quality of Consultant's const. supervision (CS) system	24
1.3 Tenure of Consultant's key personnel	6
2. Cost	<u>20</u>
2.1 Consultant's efficiency in controlling cost overruns	20
3. Schedule	<u>20</u>
3.1 Consultant's efficiency in ensuring contractor's adherence to approved construction schedule	8
3.2 Consultant's prudent evaluation of proposed contract time extensions	6
3.3 Consultant's timeliness in submitting required reports and documents	6
Total	100

1. Quality: 60 Points

Criteria	Weight	Indicators	Rating System
1.1 Consultant's efficiency in ensuring contractor's compliance of its construction work with the approved DED, particularly plans and specifications*	50%	Incidence of construction defects/ deficiencies** stated in the Statement of Works Accomplished (SWA) recommended by Consultant for payment, but found by DPWH to be not in accordance with the approved plans and specifications.	<p><u>100%: Very Satisfactory</u> – All workmanship stated in the SWA, carried out by the Contractor, and recommended by the Consultant for payment are in accordance with the duly approved plans and specifications. Noted defects/deficiencies (if any) are within the acceptable tolerance set and prescribed in the monitoring/control matrix. <i>(Please refer to Annex E for Flood Control Projects)</i></p> <p><u>85%: Satisfactory</u> – SWA recommended by Consultant for payment is found by DPWH to have defects/deficiencies in major work items requiring rectification works and/or costing 10% and below of the aggregate works accomplished.</p> <p><u>70%: Fair</u> – SWA recommended by Consultant for payment is found by DPWH to have defects/deficiencies in major work items requiring</p>
----- * See Notes on Phase 2 evaluation (page 16).		----- ** See Notes on major construction defects (page 16).	

Criteria	Weight	Indicators	Rating System
			<p>rectification works and/or costing 20% and below of the aggregate works accomplished.</p> <p><u>50%: Unsatisfactory</u> – SWA recommended by Consultant for payment is found by DPWH to have defects/deficiencies in major work items requiring reconstruction and/or costing above 20% of the aggregate works accomplished.</p> <p>-----</p> <p><i>Three (3) minor errors shall be equivalent to one (1) major error.</i></p>
<p>1.2 Quality of Consultant's const. supervision (CS) system:</p> <p>a. Organization of key personnel</p> <p>b. Control of Quality of Workmanship (Inspection and supervision)</p> <p>c. Control of Quality of Materials (Sampling and testing)</p> <p>d. Documentation [Reporting and records management (e.g., log book, test results, site instructions, progress reports, etc.)]</p> <p>e. Other Management Consideration</p> <ul style="list-style-type: none"> • Construction Health and Safety Management • Traffic Management • Environmental Management 	40%	<p>Incidence of deficiencies in the Consultant's CS system***, covering the five (5) criteria (column 1).</p> <p>-----</p> <p>***See Notes on major CS system deficiencies (page 18).</p>	<p><u>100%: Very Satisfactory</u> – All the five (5) criteria are satisfactorily complied.</p> <p><u>85%: Satisfactory</u> – Has incurred 1-2 cases of major infractions/deficiencies in any of the criteria.</p> <p><u>70%: Fair</u> – Has incurred 3-4 cases of infractions/deficiencies in any of the criteria.</p> <p><u>50%: Unsatisfactory</u> – Has incurred 5 or more cases of infractions/deficiencies in any of the criteria.</p> <p>-----</p> <p><i>Three (3) minor errors shall be equivalent to one (1) major error.</i></p>

Criteria	Weight	Indicators	Rating System
1.3 Tenure of Consultant's key personnel (Upon award of contract)	10%	Incidence of replacement of key personnel (weighted according to their roles) with or without valid reasons.	<p><u>100%: Very satisfactory</u> – No replacement of key personnel over the duration of Consulting services.</p> <p><u>85%: Satisfactory</u> – Replacement of less than 20% of the number of key personnel.</p> <p><u>70%: Fair</u> – Replacement of 20% - 30% of the number of key personnel.</p> <p><u>50%: Unsatisfactory</u> – Replacement of Project Manager and/or more than 30% of the number of key personnel.</p>

2. Cost: 20 Points

Criteria	Weight	Indicators	Rating System
2.1 Consultant's efficiency in controlling cost overruns.	100%	Incidence of variation orders (VOs) with cost overruns, recommended by Consultant, but disapproved/reduced by DPWH, except VOs initiated itself by DPWH and VOs initiated due to fortuitous events.	<p><u>100%: Very Satisfactory</u> – Each VO recommended by Consultant are approved by DPWH.</p> <p><u>85%: Satisfactory</u> – Each VO recommended by Consultant is reduced by less than 5% by DPWH.</p> <p><u>70%: Fair</u> – Each VO recommended by Consultant is reduced by 5% up to 10% by DPWH.</p> <p><u>50%: Unsatisfactory</u> – Each VO recommended by Consultant is disapproved or reduced by more than 10% by DPWH.</p>

3. Schedule: 20 Points

Criteria	Weight	Indicators	Rating System
3.1 Consultant's efficiency in ensuring contractor's adherence to approved construction schedule.	40%	Extent of slippage of planned accomplishment vs. actual accomplishment.	<p><u>100%: Very Satisfactory</u> – Work accomplishments are completed ahead of, or on schedule (+, or no slippage).</p> <p><u>85%: Satisfactory</u> – Has incurred 10% and below negative slippage due to Consultant's laxity/fault.</p>

Criteria	Weight	Indicators	Rating System
			<p><u>70%: Fair</u> – Has incurred above 10% up to 15% negative slippage due to Consultant's laxity/fault.</p> <p><u>50%: Unsatisfactory</u> – Has incurred above 15% negative slippage due to Consultant's laxity/fault.</p>
3.2 Consultant's prudent evaluation of proposed contract time extensions	30%	Incidence of contract time extensions recommended by Consultant but disapproved/reduced by DPWH – except time extensions for VOs due to faulty DED, due to fortuitous events or for VOs initiated by DPWH.	<p><u>100%: Very Satisfactory</u> – All proposed contract time extension recommended by Consultants are approved by DPWH</p> <p><u>85%: Satisfactory</u> –The proposed contract time extension recommended by Consultant is reduced by less than 5% by DPWH.</p> <p><u>70%: Fair</u> –The proposed contract time extension recommended by Consultant is reduced by 5% up to 10% by DPWH.</p> <p><u>50%: Unsatisfactory</u> –The proposed contract time extension recommended by Consultant is disapproved/reduced by more than 10% by DPWH.</p>
3.3 Consultant's timeliness in submitting required reports and documents	30%	<p>Extent of Consultant's compliance with prescribed schedule to submit project reports and other documents, e.g.:</p> <ul style="list-style-type: none"> a. As-staked plans b. Progress reports c. Request for Payment of Materials on Hand d. Material Test results/report e. Site instructions f. Progress billings g. As-built plans h. Recommendations on VOs and time extensions 	<p><u>100%: Very Satisfactory</u> – All the required reports/documents are satisfactorily prepared and submitted within the prescribed schedule</p> <p><u>85%: Satisfactory</u> – All the required reports/documents are satisfactorily prepared and submitted within 1-2 days behind the prescribed schedule</p> <p><u>70%: Fair</u> – All the required reports/documents are satisfactorily prepared and submitted 3-4 days behind the prescribed schedule</p> <p><u>50%: Unsatisfactory</u> – All the required reports/documents are satisfactorily prepared and submitted above 5 days behind the prescribed schedule, and/or</p>

Criteria	Weight	Indicators	Rating System
			Incomplete submission of reports/documents

NOTES:

***Phase 2 Evaluation**

If the IU and the ConsPES Team find construction defects/deficiencies during the Defects Liability Period (Phase 2), this criteria shall be used to compute the Phase 2 rating of the CS Consultant. The same rating in Phase 1 shall be applied for other criteria.

****Major Construction Defects:**

General:

- Structural failure due to faulty construction.
- Inappropriate size and type of materials used for critical components of structures vs. plans and specifications.¹
- Inappropriate dimension of structures, such as insufficient thickness, width and/or depth.¹
- Inadequate concrete strength based on coring.¹

¹***Not included in Phase 2 evaluation***

Roads and Bridges:

- Pavement or base failure, major cracks due to insufficient compaction, inadequate concrete mix, especially on structural and load bearing components (e.g., girders, columns, piles).
- Major scaling and faulting in PCCP.
- Asphalt raveling, shoving and corrugation.
- Scouring on bridge abutment.
- Erosion of earth materials from the top due to non-compliance with cut slope requirement.
- Settlement of bridge approaches
- a. Clearing and Grubbing
 - No/insufficient clearing and grubbing done within the limits of the project
 - Damage to structure designated to remain
 - Improper disposal of materials/debris from the clearing and grubbing operations
 - Insufficient provision of the required equipment for clearing and grubbing as per POW
 - Undisposed materials from excavation
- b. Embankment
 - Eroded/scoured embankment materials
 - Embankment materials not spread and compacted in layers
 - Deficient width/length/thickness of embankment
 - Loosed/uncompacted in-placed embankment
 - Presence of oversized aggregates/rubberized materials on the in-placed selected borrow for topping
- c. Subgrade Preparation
 - Eroded/scoured subgrade
 - Insufficient compaction on subgrade preparation
 - Insufficient cut below subgrade level
 - No/insufficient vertical control during subgrade preparation
 - Insufficient provision of the required equipment for subgrade preparation as per POW

- d. Aggregate Subbase Course
 - Compaction of prepared aggregate subbase not done to full width
 - Eroded/scoured/damaged aggregate subbase course shoulder
 - Incorrect slope of aggregate subbase course shoulder
 - Unsuitable aggregate subbase course material on the stockpile
 - Deficient width/thickness of aggregate subbase course
 - Irregular/uneven surface of aggregate subbase course materials
- e. Aggregate Base Course
 - Compaction of prepared aggregate base not done to full width
 - Eroded/scoured/damaged aggregate base course shoulder
 - Incorrect slope of aggregate base course shoulder
 - Insufficient compaction of aggregate base course materials
 - Oversized aggregates on the in-placed aggregate base course
 - Deficient width/thickness of aggregate base course
 - Irregular/uneven surface of aggregate base course materials
- f. Pavement
 - Chipped-off edges on the completed concrete pavement
 - Concrete beam samples not meeting the minimum flexural strength requirements
 - Concrete mix containing too much water, based on visual inspection and slump test
 - Concrete vibrator not being used during pouring of concrete
 - Honeycombs on the exposed side of the concrete pavement
 - Insufficient number of dowel bars in the on-going construction of the concrete pavement
 - Undersized dowel bars noted in the on-going concrete pavement which does not conform as per approved plan
 - Incorrect spacing of dowel bars in the on-going concrete pavement

Flood Control:

- Any/all deviation(s) determined to be beyond the tolerance set and prescribed in the monitoring/control matrix of the Manual on Construction Supervision of Flood Control Projects, shall be considered as major construction defects.
- Hairline cracks/ surface defects
- Stagnant water (for drainage)
- Erosion of soil materials (earthworks)
- Non-provision of mortar collar for pipes
- Scouring of riprap
- Non-compliance with standard requirements for the type/class of boulders (for dikes)
- Insufficient mortar for grouted riprap
- Severe cracks and settlement of structures
- Difficulty of opening and closing the gate, due to structural strain and deformation
- Non-compliance to designed slope
- Major cracks and failure of concrete structure like reinforced concrete canals, box culverts and revetment due to inadequate design mix, insufficient compaction of foundation (e.g. flood occurrence with magnitude below the designed flood level)
- Incurred damages to, and or failure of structure, due to fortuitous events (e.g.: flood occurrence with a magnitude below the designed safety level) is considered major construction defects.¹

¹***Not included in Phase 2 evaluation***

Buildings and Other Infrastructure:

- Major cracks especially on structural and load bearing components (e.g., girders, columns, piles).

- Other major construction defects, as may be added by BOC and IO, depending on the project.

Defects not stated above are considered minor construction defects.

*****Major CS System Deficiencies:**

- a. Organization of key personnel
 - Mismatch of personnel assigned to supervise the project vs. requirements.
 - Lack of experience
 - Frequent absence from project site.
 - b. Control of Work (Inspection and site instructions)
 - Mismatch of personnel assigned to supervise the project vs. requirements.
 - Lack of experience
 - Frequent absence from project site.
 - Inadequate logistical resources for supervision (e.g., lack of testing equipment and service vehicles).
 - Poor construction records keeping, e.g., test results, defects noted and corrected.
 - Failure to issue or enforce site instructions
 - Laxity in enforcing health, safety, environmental requirements, and traffic management.
 - c. Control of Quality of Materials (Sampling and testing)
 - Mismatch of personnel assigned to supervise the project vs. requirements.
 - No accreditation
 - Lack of experience
 - Frequent absence from project site.
 - Inadequate logistical resources for testing of materials (e.g., lack of testing equipment and service vehicles).
 - Poor construction records keeping, e.g., test results, defects noted and corrected.
 - d. Documentation [Reporting and records management (e.g., log book, test results, site instructions, progress reports, etc.)]
 - Frequent absence from project site.
 - Poor construction records keeping, e.g., test results, defects noted and corrected.
 - e. Other Management Consideration
 - Construction Safety Management
 - Traffic Management
 - Environmental Management
 - Inefficiency of personnel assigned to supervise the project vs. requirements.
 - Lack of experience
 - Frequent absence from project site.
 - Inadequate logistical resources for supervision (e.g., lack of testing equipment and service vehicles).
 - Poor construction records keeping, e.g., test results, defects noted and corrected.
 - Laxity in enforcing health, safety, environmental requirements, and traffic management.
- Other major CS system deficiencies, as may be added by BOC and IO, depending on the project.

CS system deficiencies not stated above are considered minor CS system deficiencies.

SUMMARY OF FINDINGS
CONSULTANT'S PERFORMANCE EVALUATION SYSTEM

PROJECT TYPE: Feasibility Study (FS)

NAME OF PROJECT:

CONSULTANT/S:

NO.	DELIVERABLES	DATE RECEIVED BY THE SPECIALIZED OFFICE	DATE RETURNED BY THE SPECIALIZED OFFICE	FINDINGS BY THE SPECIALIZED OFFICE		REMARKS / STATUS
				MAJOR ERROR / INACCURACIES / DEFICIENCIES	MINOR ERROR / INACCURACIES / DEFICIENCIES	
A.	REPORTS					
1	Inception Report					
	Inception Report No. ____			1. 2.	1. 2.	
	Inception Report No. ____			1. 2.	1. 2.	
2	Capacity Improvement Study Report					
	Capacity Improvement Study Report No. ____			1. 2.	1. 2.	
	Capacity Improvement Study Report No. ____			1. 2.	1. 2.	
3	Traffic Survey and Analysis Report					
	Traffic Survey and Analysis Report No. ____			1. 2.	1. 2.	
	Traffic Survey and Analysis Report No. ____			1. 2.	1. 2.	

NO.	DELIVERABLES	DATE RECEIVED BY THE SPECIALIZED OFFICE	DATE RETURNED BY THE SPECIALIZED OFFICE	FINDINGS BY THE SPECIALIZED OFFICE		REMARKS / STATUS
				MAJOR ERROR / INACCURACIES / DEFICIENCIES	MINOR ERROR / INACCURACIES / DEFICIENCIES	
4	Topographic Survey Report					
	Topographic Survey Report No. ____			1. 2.	1. 2.	
	Topographic Survey Report No. ____			1. 2.	1. 2.	
5	Geotechnical and Geological Survey Report					
	Geotechnical and Geological Survey Report No. ____			1. 2.	1. 2.	
	Geotechnical and Geological Survey Report No. ____			1. 2.	1. 2.	
6	Hydrological Survey Report					
	Hydrological Survey Report No. ____			1. 2.	1. 2.	
	Hydrological Survey Report No. ____			1. 2.	1. 2.	
7	Utilities Survey Report					
	Utilities Survey Report No. ____			1. 2.	1. 2.	
	Utilities Survey Report No. ____			1. 2.	1. 2.	
8	Parcellary Survey Report					
	Parcellary Survey Report No. ____			1. 2.	1. 2.	

NO.	DELIVERABLES	DATE RECEIVED BY THE SPECIALIZED OFFICE	DATE RETURNED BY THE SPECIALIZED OFFICE	FINDINGS BY THE SPECIALIZED OFFICE		REMARKS / STATUS
				MAJOR ERROR / INACCURACIES / DEFICIENCIES	MINOR ERROR / INACCURACIES / DEFICIENCIES	
	Parcellary Survey Report No. ____			1. 2.	1. 2.	
9	Highway Design Report					
	Highway Design Report No. ____			1. 2.	1. 2.	
	Highway Design Report No. ____			1. 2.	1. 2.	
10	Bridge Design Report					
	Bridge Design Report No. ____			1. 2.	1. 2.	
	Bridge Design Report No. ____			1. 2.	1. 2.	
11	Drainage Design Report					
	Drainage Design Report No. ____			1. 2.	1. 2.	
	Drainage Design Report No. ____			1. 2.	1. 2.	
12	Cost Estimate					
	Cost Estimate No. ____			1. 2.	1. 2.	
	Cost Estimate No. ____			1. 2.	1. 2.	

NO.	DELIVERABLES	DATE RECEIVED BY THE SPECIALIZED OFFICE	DATE RETURNED BY THE SPECIALIZED OFFICE	FINDINGS BY THE SPECIALIZED OFFICE		REMARKS / STATUS
				MAJOR ERROR / INACCURACIES / DEFICIENCIES	MINOR ERROR / INACCURACIES / DEFICIENCIES	
13	Implementation Plan					
	Implementation Plan No. __			1. 2.	1. 2.	
	Implementation Plan No. __			1. 2.	1. 2.	
14	Environmental and Social Impact Assessment					
	Environmental and Social Impact Assessment No. __			1. 2.	1. 2.	
	Environmental and Social Impact Assessment No. __			1. 2.	1. 2.	
15	Resettlement Action Plan (RAP)					
	Resettlement Action Plan (RAP) No. __			1. 2.	1. 2.	
	Resettlement Action Plan (RAP) No. __			1. 2.	1. 2.	
16	Gender and Development (GAD) Plan No. __					
	Gender and Development (GAD) Plan No. __			1. 2.	1. 2.	
	Gender and Development (GAD) Plan No. __			1. 2.	1. 2.	
17	Interim Report					
	Interim Report No. __			1. 2.	1. 2.	

NO.	DELIVERABLES	DATE RECEIVED BY THE SPECIALIZED OFFICE	DATE RETURNED BY THE SPECIALIZED OFFICE	FINDINGS BY THE SPECIALIZED OFFICE		REMARKS / STATUS
				MAJOR ERROR / INACCURACIES / DEFICIENCIES	MINOR ERROR / INACCURACIES / DEFICIENCIES	
	Interim Report No. ____			1. 2.	1. 2.	
18	Draft Final Report					
	Draft Final Report No. ____			1. 2.	1. 2.	
	Draft Final Report No. ____			1. 2.	1. 2.	
19	Final Report					
	Final Report No. ____			1. 2.	1. 2.	
	Final Report No. ____			1. 2.	1. 2.	
20	Drawing Volume					
	Drawing Volume No. ____			1. 2.	1. 2.	
	Drawing Volume No. ____			1. 2.	1. 2.	
21	Appendices					
	Appendices No. ____			1. 2.	1. 2.	
	Appendices No. ____			1. 2.	1. 2.	
22	Other Ancillary Works					

Prepared by:

(Name)
Division Chief

Approved by:

(Name)
Director, (Specialized Office)

SUMMARY OF FINDINGS
CONSULTANT'S PERFORMANCE EVALUATION SYSTEM

PROJECT TYPE: Detailed Engineering Design (DED)

NAME OF PROJECT:

CONSULTANT/S:

NO.	DELIVERABLES	DATE RECEIVED BY THE SPECIALIZED OFFICE	DATE RETURNED BY THE SPECIALIZED OFFICE	FINDINGS BY THE SPECIALIZED OFFICE		REMARKS / STATUS
				MAJOR ERROR / INACCURACIES / DEFICIENCIES	MINOR ERROR / INACCURACIES / DEFICIENCIES	
A.	REPORTS					
A.1	Inception Report					
	Inception Report No.____			1. 2.	1. 2.	
	Inception Report No.____			1. 2.	1. 2.	
A.2	Value Engineering Report					
	Value Engineering Report No.____			1. 2.	1. 2.	
	Value Engineering Report No.____			1. 2.	1. 2.	
A.3	Road Safety Audit Report (Preliminary)					
	Road Safety Audit Report (Preliminary) No.____			1. 2.	1. 2.	
	Road Safety Audit Report (Preliminary) No.____			1. 2.	1. 2.	

NO.	DELIVERABLES	DATE RECEIVED BY THE SPECIALIZED OFFICE	DATE RETURNED BY THE SPECIALIZED OFFICE	FINDINGS BY THE SPECIALIZED OFFICE		REMARKS / STATUS
				MAJOR ERROR / INACCURACIES / DEFICIENCIES	MINOR ERROR / INACCURACIES / DEFICIENCIES	
A.4	Road Safety Audit Report (Final)					
	Road Safety Audit Report (Final) No.____			1. 2.	1. 2.	
	Road Safety Audit Report (Final) No.____			1. 2.	1. 2.	
A.5	Geotechnical Investigation Report					
	Geotechnical Investigation Report No____			1. 2.	1. 2.	
	Geotechnical Investigation Report No____			1. 2.	1. 2.	
A.6	Preliminary Draft of Tender Documents					
	Preliminary Draft of Tender Documents No.____			1. 2.	1. 2.	
	Preliminary Draft of Tender Documents No.____			1. 2.	1. 2.	
A.7	Tender Documents (Final Form)					
	Tender Documents (Final Form) No.____			1. 2.	1. 2.	
	Tender Documents (Final Form) No.____			1. 2.	1. 2.	
A.8	Monthly Progress Report					
	Monthly Progress Report No.____			1. 2.	1. 2.	

NO.	DELIVERABLES	DATE RECEIVED BY THE SPECIALIZED OFFICE	DATE RETURNED BY THE SPECIALIZED OFFICE	FINDINGS BY THE SPECIALIZED OFFICE		REMARKS / STATUS
				MAJOR ERROR / INACCURACIES / DEFICIENCIES	MINOR ERROR / INACCURACIES / DEFICIENCIES	
	Monthly Progress Report No.____			1. 2.	1. 2.	
A.9	Resettlement Action Plan Report (Final Report)					
	Resettlement Action Plan Report (Final Report) No.____			1. 2.	1. 2.	
	Resettlement Action Plan Report (Final Report) No.____			1. 2.	1. 2.	
A.10	Utility Relocation Plans					
	Utility Relocation Plans No.____			1. 2.	1. 2.	
	Utility Relocation Plans No.____			1. 2.	1. 2.	
A.11	Other Ancillary Works					
B.	Design					
B.1	Hydrologic / Hydraulic Design Report					
	Hydrologic / Hydraulic Design Report No.____			1. 2.	1. 2.	
	Hydrologic / Hydraulic Design Report No.____			1. 2.	1. 2.	

NO.	DELIVERABLES	DATE RECEIVED BY THE SPECIALIZED OFFICE	DATE RETURNED BY THE SPECIALIZED OFFICE	FINDINGS BY THE SPECIALIZED OFFICE		REMARKS / STATUS
				MAJOR ERROR / INACCURACIES / DEFICIENCIES	MINOR ERROR / INACCURACIES / DEFICIENCIES	
B.2	Highway/Geometric Design and Calculation Report					
	Highway/Geometric Design and Calculation Report No.____			1. 2.	1. 2.	
	Highway/Geometric Design and Calculation Report No.____			1. 2.	1. 2.	
B.3	Study of Traffic Impact during Construction					
	Study of Traffic Impact during Construction No.____			1. 2.	1. 2.	
	Study of Traffic Impact during Construction No.____			1. 2.	1. 2.	
B.4	Quantity Calculations and Price Analysis					
	Quantity Calculations and Price Analysis No.____			1. 2.	1. 2.	
	Quantity Calculations and Price Analysis No.____			1. 2.	1. 2.	
B.5	Pavement Evaluation and Design Calculation Report					

NO.	DELIVERABLES	DATE RECEIVED BY THE SPECIALIZED OFFICE	DATE RETURNED BY THE SPECIALIZED OFFICE	FINDINGS BY THE SPECIALIZED OFFICE		REMARKS / STATUS
				MAJOR ERROR / INACCURACIES / DEFICIENCIES	MINOR ERROR / INACCURACIES / DEFICIENCIES	
	Pavement Evaluation and Design Calculation Report No.____			1. 2.	1. 2.	
	Pavement Evaluation and Design Calculation Report No.____			1. 2.	1. 2.	
B.6	Bridge Evaluation and Design Report					
	Bridge Evaluation and Design Report No.____			1. 2.	1. 2.	
	Bridge Evaluation and Design Report No.____			1. 2.	1. 2.	
B.7	Structural Analyses and Design Calculation					
	Structural Analyses and Design Calculation No.____			1. 2.	1. 2.	
	Structural Analyses and Design Calculation No.____			1. 2.	1. 2.	
B.8	Cost Estimate					
	Cost Estimate No.____			1. 2.	1. 2.	
	Cost Estimate No.____			1. 2.	1. 2.	
B.9	Draft Final Design Report					

NO.	DELIVERABLES	DATE RECEIVED BY THE SPECIALIZED OFFICE	DATE RETURNED BY THE SPECIALIZED OFFICE	FINDINGS BY THE SPECIALIZED OFFICE		REMARKS / STATUS
				MAJOR ERROR / INACCURACIES / DEFICIENCIES	MINOR ERROR / INACCURACIES / DEFICIENCIES	
	Draft Final Design Report No.____			1. 2.	1. 2.	
	Draft Final Design Report No.____			1. 2.	1. 2.	
B.10	Final Design Report					
	Final Design Report No.____			1. 2.	1. 2.	
	Final Design Report No.____			1. 2.	1. 2.	
B.11	Other Ancillary Works					
C.	Drawings					
C.1	Detailed Preliminary Concept Design					
	Detailed Preliminary Concept Design No.____			1. 2.	1. 2.	
	Detailed Preliminary Concept Design No.____			1. 2.	1. 2.	
C.2	Topographic Plans					
	Topographic Plans No.____			1. 2.	1. 2.	
	Topographic Plans No.____			1. 2.	1. 2.	

NO.	DELIVERABLES	DATE RECEIVED BY THE SPECIALIZED OFFICE	DATE RETURNED BY THE SPECIALIZED OFFICE	FINDINGS BY THE SPECIALIZED OFFICE		REMARKS / STATUS
				MAJOR ERROR / INACCURACIES / DEFICIENCIES	MINOR ERROR / INACCURACIES / DEFICIENCIES	
C.3	Draft Final Design Drawings					
	Draft Final Design Drawings No.____			1. 2.	1. 2.	
	Draft Final Design Drawings No.____			1. 2.	1. 2.	
C.4	Final Design Drawings					
	Final Design Drawings No.____			1. 2.	1. 2.	
	Final Design Drawings No.____			1. 2.	1. 2.	
C.5	Right-of-Way Plans					
	Right-of-Way Plans No.____			1. 2.	1. 2.	
	Right-of-Way Plans No.____			1. 2.	1. 2.	
C.6	Parcellary and Subdivision Plans					
	Parcellary and Subdivision Plans No.____			1. 2.	1. 2.	
	Parcellary and Subdivision Plans No.____			1. 2.	1. 2.	

Prepared by:

(Name)
Division Chief

Approved by:

(Name)
Director, (Specialized Office)

INTERMEDIATE EVALUATION REPORT (IER) No. _____
CONSULTANT'S PERFORMANCE EVALUATION SYSTEM

I. Contract / Project Data

Contract No.:		Project No.:	
Project Type.:	Feasibility Study (FS)		
Project Name:			
Consultant:			
Address:			
Telephone No.:		Fax No.:	
Project Manager:			
Telephone No.:		Email Address:	
Contract Award Amount:		Date of Award:	
Project Cost:		Completion Date:	
Evaluation Rating:			

II. Performance Evaluation Summary

1. QUALITY – 50

CRITERIA	INDICATOR			
1.1 <u>Adequacy and Accuracy of FS Assumptions, Data, Analyses and Outputs vs. Terms of Reference (TOR) covering the following:</u>	Extent and Impact of Errors/ Inaccuracies/ Deficiencies in FS data, analyses and outputs based on DPWH Review and Validation		Number of Resubmissions of Corrected FS	
	TOTAL Equivalent MAJOR ERRORS	RATING	Quantity	RATING
A. [Name of deliverable]				
B. [Name of deliverable]				
C. [Name of deliverable]				
Average Rating for Errors				
Average Rating for Resubmissions				
Rating = (Ave. Rating for Errors + Ave. Rating for Resubmissions) ÷ 2				
Rating x 40%				
Comments: (Please note any specific information in determining performance level)				
1.2 <u>Cost-Effectiveness of FS recommendation, including PED</u>	Extent of DPWH Comments on Consultant's Evaluation of Alternatives		Number of Revisions Made	
	Total No. of Adverse Comments	RATING	Quantity	RATING
Rating x 40%				
Comments: (Please note any specific information in determining performance level)				
1.3 <u>Tenure of Consultant's Key Personnel</u>	Incidence of Replacement of Key Personnel (Weighted According to their Roles) With or Without Valid Reasons			
	Number of REPLACEMENT		RATING	
Rating x 20%				
Comments: (Please note any specific information in determining performance level)				
Rating (QUALITY) = Item 1.1(40%) + Item 1.2(40%) + Item 1.3(20%)				
TOTAL SCORE FOR QUALITY = Rating(QUALITY) x 0.50				

2. COST OF OUTPUT – 20

CRITERIA	INDICATOR	
2.1 <u>Completeness of FS/PED Cost Estimates vs Terms of Reference (TOR) cost items/requirements</u>	Extent of coverage of FS/PED cost elements: materials, labor, equipment, indirect costs (cost of money, insurance, contingencies, taxes, etc.), ROW, etc., as reflected in the TOR (See DO 197, series of 2016 for factors. Level of accuracy is $\pm 20\%$).	
	Percentage(%) of VARIANCE	RATING
Rating x 40%		
Comments: (Please note any specific information in determining performance level)		
2.2 <u>Comparison of FS/PED Cost Estimates with Accepted Benchmarks</u>	Extent of variance of FS/PED cost estimates vs. accepted DPWH/ industry/ benchmarks/ standards (e.g., cost per km of road, cost/lineal meter of bridge, cost/sq. m of bldg.) and vs. required $\pm 20\%$ accuracy - adjusted for special characteristics.	
	Percentage(%) of VARIANCE	RATING
Rating x 60%		
Comments: (Please note any specific information in determining performance level)		
Rating (COST OF OUTPUT) = Item 2.1(40%) + Item 2.2(60%)		
TOTAL SCORE FOR COST = Rating(COST OF OUTPUT) x 0.20		

3. SCHEDULE – 30

3.1 <u>Adherence to Schedule of Accepted FS Deliverables</u>	Extent of Actual Time Slippage (Delay) vs. Original/Approved Schedule for FS Deliverables, due to Consultant's fault			
	Date of Submission (Consultant)	Date of Submission (Indicated in TOR)	Percentage(%) of SLIPPAGE	RATING
A. [Name of deliverable]				
B. [Name of deliverable]				
C. [Name of deliverable]				
Rating				
Comments: (Please note any specific information in determining performance level)				
Rating (SCHEDULE)				
TOTAL SCORE FOR SCHEDULE = Rating(SCHEDULE) x 0.30				

Evaluation Rating = QUALITY(50%) + COST(20%) + SCHEDULE(30%)	
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III. Recommendations

Evaluated by:

Designation

Designation

Designation

Noted by:

Designation

INTERMEDIATE EVALUATION REPORT (IER) No. _____
CONSULTANT'S PERFORMANCE EVALUATION SYSTEM

I. Contract / Project Data

Contract No.:		Project No.:	
Project Type.:	Detailed Engineering Design (DED)		
Project Name:			
Consultant:			
Address:			
Telephone No.:		Fax No.:	
Project Manager:			
Telephone No.:		Email Address:	
Contract Award Amount:		Date of Award:	
Project Cost:		Completion Date:	
Evaluation Rating:			

II. Performance Evaluation Summary

1. QUALITY – 60

CRITERIA	INDICATOR			
1.1 <u>Adequacy and accuracy of DED surveys and plans, analyses, and outputs vs. Terms of Reference (TOR) covering the following:</u>	Extent and impact of errors/ inaccuracies/ deficiencies in DED surveys and plans, analyses, and outputs, based on DPWH review and validation		Number of Resubmissions of Corrected DED	
	TOTAL Equivalent MAJOR ERRORS	RATINGS	Quantity	RATINGS
A. [Name of deliverable]				
B. [Name of deliverable]				
C. [Name of deliverable]				
Average Rating for Errors				
Average Rating for Resubmissions				
Rating = (Ave. Rating for Errors + Ave. Rating for Resubmissions) ÷ 2				
Rating x 60%				
Comments: (Please note any specific information in determining performance level)				
1.2 <u>Cost-Effectiveness of DED</u>	Extent of DPWH Comments on Consultant's Evaluation of Alternatives, based on Value Engineering (VE) and Other Relevant Criteria Leading to Recommended Most Cost-Effective Scheme		Number of Revisions Made	
	Deficiency	RATINGS	Quantity	RATINGS
Rating x 20%				
Comments: (Please note any specific information in determining performance level)				
1.3 <u>Tenure of Consultant's Key Personnel</u>	Incidence of Replacement of Key Personnel (Weighted According to their Roles) With or Without Valid Reasons			
	Number of REPLACEMENT		RATINGS	
Rating x 20%				
Comments: (Please note any specific information in determining performance level)				
Rating (QUALITY) = Item 1.1(60%) + Item 1.2(20%) + Item 1.3(20%)				
TOTAL SCORE FOR QUALITY = Rating(QUALITY) x 0.60				

2. COST OF OUTPUT – 20

CRITERIA	INDICATOR		
2.1 <u>Completeness of DED Cost Estimates in the DIPA vs TOR cost items/ requirements</u>	Extent of coverage of DED cost elements: materials, labor, equipment, indirect costs (cost of money, insurance, bonds, contingencies, profit, taxes, etc.), ROW, etc. as reflected in the TOR (See DO 197, series of 2016, for factors).		
	Percentage(%) of VARIANCE	RATINGS	
Rating x 40%			
Comments: <i>(Please note any specific information in determining performance level)</i>			
2.2 <u>Comparison of DED Cost Estimates with Accepted Benchmarks</u>	Extent of Variance of DED Cost Estimates vs DPWH Industry Benchmarks/Standards (e.g., cost/km of road, cost/lineal meter of bridge, cost/sq meter of bldg.) and vs. Required (+/-)5-10% Accuracy Adjusted for Special Characteristics		
	Percentage(%) of VARIANCE	RATINGS	
Rating x 60%			
Comments: <i>(Please note any specific information in determining performance level)</i>			
Rating (COST OF OUTPUT) = Item 2.1(40%) + Item 2.2(60%)			
TOTAL SCORE FOR COST = Rating(COST OF OUTPUT) x 0.20			

3. SCHEDULE – 20

3.1 <u>Adherence to Schedule of Accepted DED Deliverables</u>	Extent of Actual Time Slippage (Delay) vs. Original/Approved Schedule for DED Deliverables, due to Consultant's fault			
	Date of Submission (Consultant)	Date of Submission (Indicated in ToR)	Percentage(%) of SLIPPAGE	RATINGS
	A. [Name of deliverable]			
	B. [Name of deliverable]			
	C. [Name of deliverable]			
Rating				
Comments: (Please note any specific information in determining performance level)				
Rating (SCHEDULE)				
TOTAL SCORE FOR SCHEDULE = Rating(SCHEDULE) x 0.20				

Evaluation Rating = QUALITY(60%) + COST(20%) + SCHEDULE(20%)	
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III. Recommendations

Evaluated by:

Designation

Designation

Designation

Noted by:

Designation

INTERMEDIATE EVALUATION REPORT (IER) No. _____
CONSULTANT'S PERFORMANCE EVALUATION SYSTEM

I. Contract / Project Data

Contract No.:		Project No.:	
Project Type.:	Construction Supervision (CS)		
Project Name:			
Consultant:			
Address:			
Telephone No.:		Fax No.:	
Project Manager:			
Telephone No.:		Email Address:	
Contract Award Amount:		Date of Award:	
Project Cost:		Completion Date:	
Evaluation Rating:			

II. Performance Evaluation Summary

1. QUALITY – 60

CRITERIA	INDICATOR	
1.1 <u>Consultant's Efficiency in Ensuring Contractor's Compliance of it's Construction Work with the Approved DED, Particularly Plans and Specification</u>	Incidence of construction defects/ deficiencies stated in the Statement of Works Accomplished (SWA) recommended by Consultant for payment, but found by DPWH to be not in accordance with the approved plans and specifications.	
	Deficiency	Ratings
Rating x 50%		
Comments: (Please note any specific information in determining performance level)		
1.2 <u>Quality of Consultant's Construction Supervision (CS) System</u>	Incidence of Deficiencies in the Consultant's CS System covering the Five(5) Criteria	
	No of Deficiencies	Ratings
A. Organization of Key Personnel		
B. Control of Quality of Workmanship		
C. Control of Quality of Materials		
D. Documentation		
E. Other Management Considerations		
Rating x 40%		
Comments: (Please note any specific information in determining performance level)		
1.3 <u>Tenure of Consultant's Key Personnel</u>	Incidence of Replacement of Key Personnel (Weighted According to their Roles) With or Without Valid Reasons	
	Number of REPLACEMENT	RATINGS
Rating x 10%		
Comments: (Please note any specific information in determining performance level)		
Rating (QUALITY) = Item 1.1(50%) + Item 1.2(40%) + Item 1.3(10%)		
TOTAL SCORE FOR QUALITY = Rating(QUALITY) x 0.60		

2. COST OF OUTPUT – 20

CRITERIA	INDICATOR	
2.1 <u>Consultant's Efficiency in Controlling Cost Overruns</u>	Incidence of variation orders (VOs) with cost overruns, recommended by Consultant, but disapproved/reduced by DPWH, except VOs initiated itself by DPWH and VOs initiated due to fortuitous events.	
	Variation Order TOTAL VARIANCE	RATINGS
Rating x 100%		
Comments: <i>(Please note any specific information in determining performance level)</i>		
Rating (COST OF OUTPUT) = Item 2.1(100%)		
TOTAL SCORE FOR COST = Rating(COST OF OUTPUT) x 0.20		

3. SCHEDULE – 20

CRITERIA	INDICATOR			
3.1 <u>Consultant's Efficiency in Ensuring Contractor's Adherence to Approved Construction Schedule.</u>	Extent of slippage of planned accomplishment vs. actual accomplishment.			
	Date of PLANNED Accomplishment	Date of ACTUAL Accomplishment	Percentage(%) of SLIPPAGE	RATINGS
Contractor's Activity Under the Auspices of CS Consultant				
A. [Activity A]				
B. [Activity B]				
C. [Activity C]				
Rating x 40%				
Comments: (Please note any specific information in determining performance level)				
3.2 <u>Consultant's Prudent Evaluation of Proposed Contract Time Extensions</u>	Incidence of contract time extensions recommended by Consultant but disapproved/reduced by DPWH – except time extensions for VOs due to faulty DED, due to fortuitous events or for VOs initiated by DPWH.			
	No. of Proposed Contract Time Extension Recommended by Consultant but DISAPPROVED/REDUCED by DPWH		RATINGS	
Rating x 30%				
Comments: (Please note any specific information in determining performance level)				

3.3 <u>Consultant's Timeliness in Submitting Required Reports and Documents</u>	Extent of Consultant's compliance with prescribed schedule to submit project reports and other documents			
	DATE OF SUBMISSION (Required by DPWH)	CONSULTANT ACTUAL DATE OF SUBMISSION	SLIPPAGE in No. of Days	RATINGS
<i>Deliverables</i>				
A. <i>[Activity A]</i>				
B. <i>[Activity B]</i>				
C. <i>[Activity C]</i>				
Rating x 30%				
Comments: <i>(Please note any specific information in determining performance level)</i>				
Rating (SCHEDULE) = Item 3.1(30%) + Item 3.2(40%) + Item 3.3(30%)				
TOTAL SCORE FOR SCHEDULE = Rating(SCHEDULE) x 0.20				

Evaluation Rating = QUALITY(60%) + COST(20%) + SCHEDULE(20%)	
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III. Recommendations

Evaluated by:

Designation

Designation

Designation

Noted by:

Designation

FINAL EVALUATION REPORT (FER) - Phase _____
CONSULTANT'S PERFORMANCE EVALUATION SYSTEM

I. Contract / Project Data

Contract No.:		Project No.:	
Project Type.:	Feasibility Study (FS)		
Project Name:			
Consultant:			
Address:			
Telephone No.:		Fax No.:	
Project Manager:			
Telephone No.:		Email Address:	
Contract Award Amount:		Date of Award:	
Project Cost:		Completion Date:	
Evaluation Rating:			

II. Performance Evaluation Summary

1. QUALITY – 50

CRITERIA	INDICATOR			
1.1 <u>Adequacy and Accuracy of FS Assumptions, Data, Analyses and Outputs vs. Terms of Reference (TOR) covering the following:</u>	Extent and Impact of Errors/ Inaccuracies/ Deficiencies in FS data, analyses and outputs based on DPWH Review and Validation		Number of Resubmissions of Corrected FS	
	TOTAL Equivalent MAJOR ERRORS	RATING	Quantity	RATING
A. [Name of deliverable]				
B. [Name of deliverable]				
C. [Name of deliverable]				
Average Rating for Errors				
Average Rating for Resubmissions				
Rating = (Ave. Rating for Errors + Ave. Rating for Resubmissions) ÷ 2				
Rating x 40%				
Comments: (Please note any specific information in determining performance level)				
1.2 <u>Cost-Effectiveness of FS recommendation, including PED</u>	Extent of DPWH Comments on Consultant's Evaluation of Alternatives		Number of Revisions Made	
	Total No. of Adverse Comments	RATING	Quantity	RATING
Rating x 40%				
Comments: (Please note any specific information in determining performance level)				
1.3 <u>Tenure of Consultant's Key Personnel</u>	Incidence of Replacement of Key Personnel (Weighted According to their Roles) With or Without Valid Reasons			
	Number of REPLACEMENT		RATING	
Rating x 20%				
Comments: (Please note any specific information in determining performance level)				
Rating (QUALITY) = Item 1.1(40%) + Item 1.2(40%) + Item 1.3(20%)				
TOTAL SCORE FOR QUALITY = Rating(QUALITY) x 0.50				

2. COST OF OUTPUT – 20

CRITERIA	INDICATOR	
2.1 <u>Completeness of FS/PED Cost Estimates vs Terms of Reference (TOR) cost items/requirements</u>	Extent of coverage of FS/PED cost elements: materials, labor, equipment, indirect costs (cost of money, insurance, contingencies, taxes, etc.), ROW, etc., as reflected in the TOR (See DO 197, series of 2016 for factors. Level of accuracy is $\pm 20\%$).	
	Percentage(%) of VARIANCE	RATING
Rating x 40%		
Comments: (Please note any specific information in determining performance level)		
2.2 <u>Comparison of FS/PED Cost Estimates with Accepted Benchmarks</u>	Extent of variance of FS/PED cost estimates vs. accepted DPWH/ industry/ benchmarks/ standards (e.g., cost per km of road, cost/lineal meter of bridge, cost/sq. m of bldg.) and vs. required $\pm 20\%$ accuracy - adjusted for special characteristics.	
	Percentage(%) of VARIANCE	RATING
Rating x 60%		
Comments: (Please note any specific information in determining performance level)		
Rating (COST OF OUTPUT) = Item 2.1(40%) + Item 2.2(60%)		
TOTAL SCORE FOR COST = Rating(COST OF OUTPUT) x 0.20		

3. SCHEDULE – 30

3.1 <u>Adherence to Schedule of Accepted FS Deliverables</u>	Extent of Actual Time Slippage (Delay) vs. Original/Approved Schedule for FS Deliverables, due to Consultant's fault			
	Date of Submission (Consultant)	Date of Submission (Indicated in TOR)	Percentage(%) of SLIPPAGE	RATING
	A. [Name of deliverable]			
	B. [Name of deliverable]			
C. [Name of deliverable]				
Rating				
Comments: (Please note any specific information in determining performance level)				
Rating (SCHEDULE)				
TOTAL SCORE FOR SCHEDULE = Rating(SCHEDULE) x 0.30				

Evaluation Rating = QUALITY(50%) + COST(20%) + SCHEDULE(30%)	
--	--

III. Recommendations

Evaluated by:

Designation

Designation

Designation

Noted by:

Designation

Approved by:

Designation

Concurred by:

(Name of Consultant)

Designation

FINAL EVALUATION REPORT (FER) - Phase _____
CONSULTANT'S PERFORMANCE EVALUATION SYSTEM

I. Contract / Project Data

Contract No.:		Project No.:	
Project Type.:	Detailed Engineering Design (DED)		
Project Name:			
Consultant:			
Address:			
Telephone No.:		Fax No.:	
Project Manager:			
Telephone No.:		Email Address:	
Contract Award Amount:		Date of Award:	
Project Cost:		Completion Date:	
Evaluation Rating:			

II. Performance Evaluation Summary

1. QUALITY – 60

CRITERIA	INDICATOR			
1.1 <u>Adequacy and accuracy of DED surveys and plans, analyses, and outputs vs. Terms of Reference (TOR) covering the following:</u>	Extent and impact of errors/ inaccuracies/ deficiencies in DED surveys and plans, analyses, and outputs, based on DPWH review and validation		Number of Resubmissions of Corrected DED	
	TOTAL Equivalent MAJOR ERRORS	RATINGS	Quantity	RATINGS
A. [Name of deliverable]				
B. [Name of deliverable]				
C. [Name of deliverable]				
Average Rating for Errors				
Average Rating for Resubmissions				
Rating = (Ave. Rating for Errors + Ave. Rating for Resubmissions) ÷ 2				
Rating x 60%				
Comments: (Please note any specific information in determining performance level)				
1.2 <u>Cost-Effectiveness of DED</u>	Extent of DPWH Comments on Consultant's Evaluation of Alternatives, based on Value Engineering (VE) and Other Relevant Criteria Leading to Recommended Most Cost-Effective Scheme		Number of Revisions Made	
	Deficiency	RATINGS	Quantity	RATINGS
Rating x 20%				
Comments: (Please note any specific information in determining performance level)				
1.3 <u>Tenure of Consultant's Key Personnel</u>	Incidence of Replacement of Key Personnel (Weighted According to their Roles) With or Without Valid Reasons			
	Number of REPLACEMENT		RATINGS	
Rating x 20%				
Comments: (Please note any specific information in determining performance level)				
Rating (QUALITY) = Item 1.1(60%) + Item 1.2(20%) + Item 1.3(20%)				
TOTAL SCORE FOR QUALITY = Rating(QUALITY) x 0.60				

2. COST OF OUTPUT – 20

CRITERIA	INDICATOR		
2.1 <u>Completeness of DED Cost Estimates in the DUPA vs TOR cost items/ requirements</u>	Extent of coverage of DED cost elements: materials, labor, equipment, indirect costs (cost of money, insurance, bonds, contingencies, profit, taxes, etc.), ROW, etc. as reflected in the TOR (See DO 197, series of 2016, for factors).		
	Percentage(%) of VARIANCE	RATINGS	
Rating x 40%			
Comments: (Please note any specific information in determining performance level)			
2.2 <u>Comparison of DED Cost Estimates with Accepted Benchmarks</u>	Extent of Variance of DED Cost Estimates vs DPWH Industry Benchmarks/Standards (e.g., cost/km of road, cost/lineal meter of bridge, cost/sq meter of bldg.) and vs. Required (+/-)5-10% Accuracy Adjusted for Special Characteristics		
	Percentage(%) of VARIANCE	RATINGS	
Rating x 60%			
Comments: (Please note any specific information in determining performance level)			
Rating (COST OF OUTPUT) = Item 2.1(40%) + Item 2.2(60%)			
TOTAL SCORE FOR COST = Rating(COST OF OUTPUT) x 0.20			

3. SCHEDULE – 20

3.1 <u>Adherence to Schedule of Accepted DED Deliverables</u>	Extent of Actual Time Slippage (Delay) vs. Original/Approved Schedule for DED Deliverables, due to Consultant's fault			
	Date of Submission (Consultant)	Date of Submission (Indicated in ToR)	Percentage(%) of SLIPPAGE	RATINGS
	A. [Name of deliverable]			
	B. [Name of deliverable]			
	C. [Name of deliverable]			
Rating				
Comments: (Please note any specific information in determining performance level)				
Rating (SCHEDULE)				
TOTAL SCORE FOR SCHEDULE = Rating(SCHEDULE) x 0.20				

Evaluation Rating = QUALITY(60%) + COST(20%) + SCHEDULE(20%)	
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III. Recommendations

Evaluated by:

Designation

Designation

Designation

Noted by:

Designation

Approved by:

Designation

Concurred by:

(Name of Consultant)

Designation

FINAL EVALUATION REPORT (FER) - Phase _____
CONSULTANT'S PERFORMANCE EVALUATION SYSTEM

I. Contract / Project Data

Contract No.:		Project No.:	
Project Type.:	Construction Supervision (CS)		
Project Name:			
Consultant:			
Address:			
Telephone No.:		Fax No.:	
Project Manager:			
Telephone No.:		Email Address:	
Contract Award Amount:		Date of Award:	
Project Cost:		Completion Date:	
Evaluation Rating:			

II. Performance Evaluation Summary

1. QUALITY – 60

CRITERIA	INDICATOR	
1.1 <u>Consultant's Efficiency in Ensuring Contractor's Compliance of it's Construction Work with the Approved DED, Particularly Plans and Specification</u>	Incidence of construction defects/ deficiencies stated in the Statement of Works Accomplished (SWA) recommended by Consultant for payment, but found by DPWH to be not in accordance with the approved plans and specifications.	
	Deficiency	Ratings
Rating x 50%		
Comments: (Please note any specific information in determining performance level)		
1.2 <u>Quality of Consultant's Construction Supervision (CS) System</u>	Incidence of Deficiencies in the Consultant's CS System covering the Five(5) Criteria	
	No of Deficiencies	Ratings
A. Organization of Key Personnel		
B. Control of Quality of Workmanship		
C. Control of Quality of Materials		
D. Documentation		
E. Other Management Considerations		
Rating x 40%		
Comments: (Please note any specific information in determining performance level)		
1.3 <u>Tenure of Consultant's Key Personnel</u>	Incidence of Replacement of Key Personnel (Weighted According to their Roles) With or Without Valid Reasons	
	Number of REPLACEMENT	RATINGS
Rating x 10%		
Comments: (Please note any specific information in determining performance level)		
Rating (QUALITY) = Item 1.1(50%) + Item 1.2(40%) + Item 1.3(10%)		
TOTAL SCORE FOR QUALITY = Rating(QUALITY) x 0.60		

2. COST OF OUTPUT – 20

CRITERIA	INDICATOR	
2.1 <u>Consultant's Efficiency in Controlling Cost Overruns</u>	Incidence of variation orders (VOs) with cost overruns, recommended by Consultant, but disapproved/reduced by DPWH, except VOs initiated itself by DPWH and VOs initiated due to fortuitous events.	
	Variation Order TOTAL VARIANCE	RATINGS
Rating x 100%		
Comments: <i>(Please note any specific information in determining performance level)</i>		
Rating (COST OF OUTPUT) = Item 2.1(100%)		
TOTAL SCORE FOR COST = Rating(COST OF OUTPUT) x 0.20		

3. SCHEDULE – 20

CRITERIA	INDICATOR			
3.1 <u>Consultant's Efficiency in Ensuring Contractor's Adherence to Approved Construction Schedule.</u>	Extent of slippage of planned accomplishment vs. actual accomplishment.			
	Date of PLANNED Accomplishment	Date of ACTUAL Accomplishment	Percentage(%) of SLIPPAGE	RATINGS
Contractor's Activity Under the Auspices of CS Consultant				
A. [Activity A]				
B. [Activity B]				
C. [Activity C]				
Rating x 40%				
Comments: (Please note any specific information in determining performance level)				
3.2 <u>Consultant's Prudent Evaluation of Proposed Contract Time Extensions</u>	Incidence of contract time extensions recommended by Consultant but disapproved/reduced by DPWH – except time extensions for VOs due to faulty DED, due to fortuitous events or for VOs initiated by DPWH.			
	No. of Proposed Contract Time Extension Recommended by Consultant but DISAPPROVED/REDUCED by DPWH		RATINGS	
Rating x 30%				
Comments: (Please note any specific information in determining performance level)				

3.3 <u>Consultant's Timeliness in Submitting Required Reports and Documents</u>	Extent of Consultant's compliance with prescribed schedule to submit project reports and other documents			
	DATE OF SUBMISSION (Required by DPWH)	CONSULTANT ACTUAL DATE OF SUBMISSION	SLIPPAGE in No. of Days	RATINGS
<i>Deliverables</i>				
A. <i>[Activity A]</i>				
B. <i>[Activity B]</i>				
C. <i>[Activity C]</i>				
Rating x 30%				
Comments: <i>(Please note any specific information in determining performance level)</i>				
Rating (SCHEDULE) = Item 3.1(30%) + Item 3.2(40%) + Item 3.3(30%)				
TOTAL SCORE FOR SCHEDULE = Rating(SCHEDULE) x 0.20				

Evaluation Rating = QUALITY(60%) + COST(20%) + SCHEDULE(20%)	
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III. Recommendations

Evaluated by:

Designation

Designation

Noted by:

Designation

Approved by:

Designation

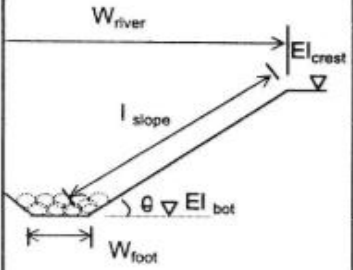
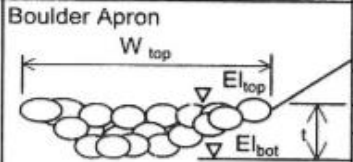
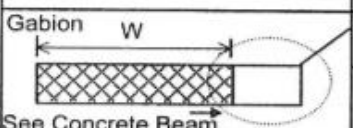
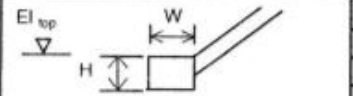
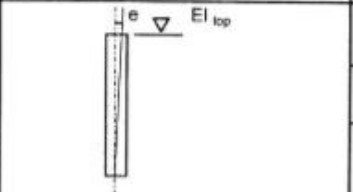
Concurred by:

(Name of Consultant)

Designation

Designation

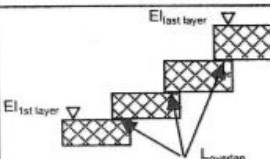
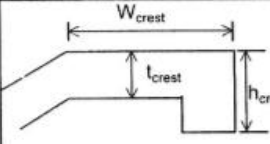
Annex 3.1 Monitoring Control for Revetment

Type of Work	Illustration	Items to be Checked		Tolerance (mm)	Instrument to be used	Frequency		
I. Earthwork		Elevation	Crest (El_{crest})	± 50	Level	every x-section		
			Bottom (El_{bot})	± 50				
		Width	River (W_{river})*	-0	Measuring Tape	every x-section		
				Foot (W_{foot})			+200	
		Slope	Length (l_{slope})	$l_{slope} < 3m : -50$ $l_{slope} > 3m : -100$				
			Required Slope (θ)	-0.5 ratio				
		Length	$L < 10m$	-20	Measuring Tape	every y-section		
			$10m \leq L < 100m$	-50				
			$L \geq 100m$	-100				
		II. Foundation/ Foot Protection	  See Concrete Beam	Elevation	Top (El_{top})	± 50	Level	every x-section
	Bottom (El_{bot})			± 50				
Width	Top (W_{top})			-100	Measuring Tape	every 20m		
Thickness	(t)			-100		every y-section		
Length	(L)			-200				
Width	(W)			-100	Measuring Tape	every x-section		
	Length			(L)		-200	every y-section	
b. Concrete/ Cut-off wall				Elevation	Top (El_{top})	± 50	Level	every x-section
				Width	(W)	-30	Measuring Tape	
		Height	(H)	-30	every y-section			
		Length	(L)	-100				
c. Concrete Pre-cast Pile/ Steel Sheet Pile		Elevation	Top of pile (El_{top})	± 50	Level	every x-section		
		Eccentricity	(e)	100	Transit	Every 10 piles		
		Length	$L < 10m$ $10m \leq L < 100m$ $L \geq 100m$	-20 -50 -100	Measuring Tape	every y-section		

Annex 3.1 Monitoring Control for Revetment

Type of Work	Illustration	Items to be Checked		Tolerance (mm)	Instrument to be used	Frequency
d. Concrete Beam/ Pile cap		Levelling Concrete	Width, (W_{ic})	-30	Measuring Tape	every 20m
			thickness, (t_{ic})	-10		
			Length, (L_{ic})	-30		
		Main body	Steel bar spacing	\pm bar diameter		Entire stretch every 20m
			Width, W	-30	Level	every x-section
			Height, H	-20		
			Elevation of top, El_{top}	± 30		
			Length, (L)	as same as c.	Measuring Tape	every y-section
III. Bedding		Thickness	Sand, (t_s)	-20	Measuring Tape	1 time/10m
			Gravel, (t_g)	-20		
		Weephole	Spacing (sv, sh)	-100	Measuring Tape	Every weephole location
		Graded Gravel	Thickness, (t)	-20	Measuring Tape	Every weephole location
			Length, (l)	-20		
			Elevation of row (El_{weep})	-20	Level	Every row of weep hole
IV. Slope Protection		Width thickness Length	(W)	-100	Measuring Tape	every 20m
			(t)	-20		
			(L)	-200		every y-section

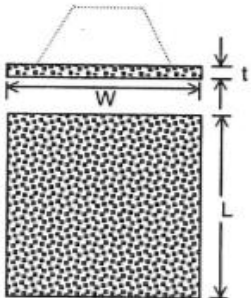
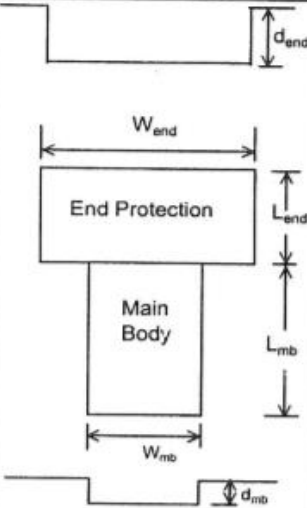
Annex 3.1 Monitoring Control for Revetment

Type of Work	Illustration	Items to be Checked		Tolerance (mm)	Instrument to be used	Frequency
b. Gabion (pile-up type)		Elevation	1st layer ($E_{1st\ layer}$)	± 50	Level	every x-section
			Last layer ($E_{last\ layer}$)	± 50		
		Length	Overlap ($L_{overlap}$)	-20	Measuring Tape	every x-section
			Length (L)	-200		every y-section
V. Crest Protection		Width	(W_{crest})	-100	Measuring Tape	every 20m
		Thickness	(t_{crest})	-20		
		Height	(h_{crest})	-20		
		Length	$L < 10m$	-20	Measuring Tape	every y-section
			$10m \leq L < 100m$	-50		
			$L \geq 100m$	-100		

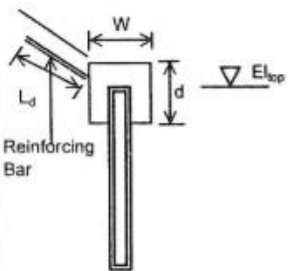
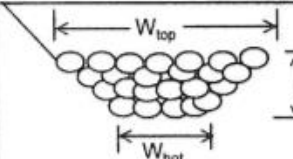
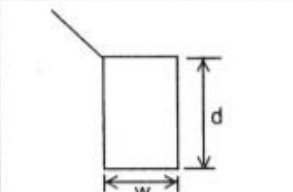
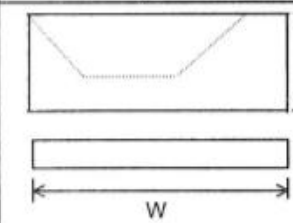
NOTE:

- a) x-section : cross-section with intervals ranging from 10m to 100m. Depends on approved plans.
- b) y-section : longitudinal-section. Depends on approved plans.
- c) frequency : minimum recommended frequency of measurement.
- d) tolerance : allowable deviation on dimension. Design engineer's prescribed tolerances shall govern.
- e) W_{river} : Distance between riverbanks.

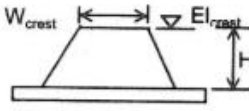
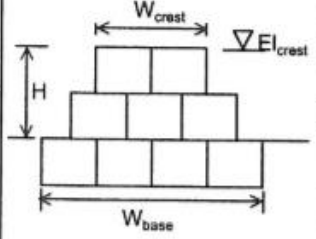
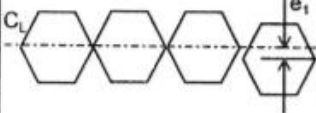
Annex 3.2 Monitoring Control for Spur Dike

Type of Work	Illustration	Items to be Checked		Tolerance (mm)	Instrument to be used	Frequency
I. Earthwork a. Gravel bedding (For boulder type)		Length	(L)	-100	Meas. Tape	2 locations/s.dike every 5m of L
		Width	(W)	-100		
		Thickness	(t)	-30		
b. Gabion type		End Protection	Width (W_{end})	-0	Meas. Tape	every end prot. every 2m of W_{end}
			Length (L_{end})	+100		
			Depth (d_{end})	-50		
		Main Body	Width (W_{mb})	-0	Meas. Tape	2 locations/s.dike every 5m of L_{mb}
			Length (L_{mb})	+100		
			Depth (d_{mb})	-50		

Annex 3.2 Monitoring Control for Spur Dike

Type of Work	Illustration	Items to be Checked		Tolerance (mm)	Instrument to be used	Frequency
II. Foundation a. Sheet pile		Elevation	Top of pile (El_{top})	± 50	Level	every 5 piles
		Pile Cap	Width (W)	-30	Meas. Tape	every 20m
			Depth (d)	-30		
		Steel Bar	Spacing (s)	\pm bar diameter		every 10 bars
			Development length (L_d)	-20		
b. Loose boulder		Width of top	(W_{top}): $L_{mb} \leq 20m$	-100	Meas. Tape	every 10m of L_{mb}
		Width of bottom	(W_{bot}): $L_{mb} \leq 20m$	-100		
		Depth	(d)	-50		
c. Cut-off wall		Width	(W)	-30	Meas. Tape	every 5m of L_{mb}
		Depth	(d)	-30		
d. Curtain wall		Width	(W)	-30	Meas. Tape	every curt. wall
		Depth	(d)	-30		
		Thickness	(t)	-30		

Annex 3.2 Monitoring Control for Spur Dike

Type of Work	Illustration	Items to be Checked		Tolerance (mm)	Instrument to be used	Frequency
III. Installation a. Boulder		Elevation	(El _{crest})	±100	Level	2 locations/s.dike
		Height	(H)	±100	Meas. Tape/Pole	
		Required Slope Side		-0.5 ratio		
b. Gabion		Elevation	(El _{crest})	±50	Level	2 locations/s.dike
		Base Width	(W _{base})	-100	Meas. Tape	
		Crest Width	(W _{crest})	-100		
		Height	(H)	±50		
c. Concrete Block		Eccentricity	(e ₁)	±100	Meas. Tape	every block

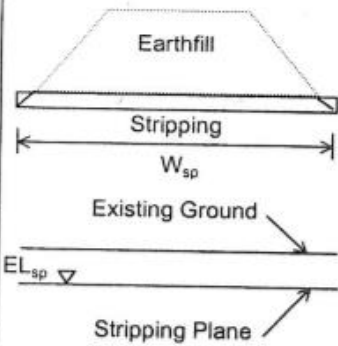
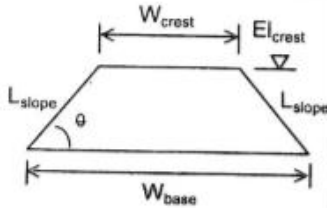
Annex 3.2 Monitoring Control for Spur Dike

Type of Work	Illustration	Items to be Checked	Tolerance (mm)	Instrument to be used	Frequency
d. Steel sheet pile hurdles		Exposed length (L_{exp})	-	Meas. Tape/Pole	every pile
		Penetration (D_p)	-5% of L_p	$L_p - L_{exp}$	
		Eccentricity (e_2)	± 100	Transit	
		Eccentricity (e_3)	± 100	Meas. Tape	2 locations/s.dike
		Boulder Fill thickness (t)	-100		
		Centerline of pile (CL_{pile})	-	Stake-out	every pile
		Centerline of row 1 (CL_1)	-		every s.dike
		Centerline of row 2 (CL_2)	-		
IV. Surface Protection (if any) (Refer to Annex 3.1)					

NOTE:

- frequency : minimum recommended frequency of measurement.
- tolerance : allowable deviation on dimension. Design engineer's prescribed tolerances shall govern.
- pile length (L_p) to be checked upon delivery at site.

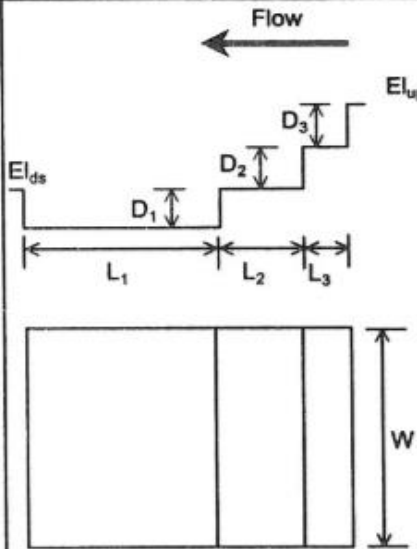
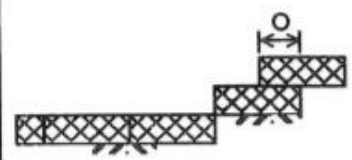
Annex 3.3 Monitoring Control for Dike

Type of Work	Illustration	Items to be Checked		Tolerance (mm)	Instrument to be used	Frequency
I. Stripping		Elevation	(EL_{sp})	-50	Level	every x-section
		Width	(W_{sp})	-0	Meas. Tape	every y-section
		Length	(L_{sp})	+300		
				-0		
				+300		
II. Embankment		Elevation of crest	(EL_{crest})	-0	Level	every x-section
		Crest width	(W_{crest})	-100	Meas. Tape	every y-section
		Base width	(W_{base})	-100		
		Slope length	(L_{slope})	-100		
		Length	(L)	-100	Meas. Tape/Pole	every x-section
		Required slope	(θ)	-0.5ratio		
III. Surface Protection (if any) (Refer to Annex 3.1 Revetment)						

NOTE:

- frequency : minimum recommended frequency of measurement.
- tolerance : allowable deviation on dimension. Design engineer's prescribed tolerances shall govern.

Annex 3.4 Monitoring Control for Groundsill

Type of Work	Illustration	Items to be Checked		Tolerance	Instrument to be used	Frequency	
I. Excavation		Elevation	Upstream (El_{up})	± 50	Level	every 10m of W	
			Downstream (El_{ds})	± 50			
		Length	(L_1)	-0	Meas. Tape		
			(L_2)	-0			
			(L_3)	-0			
				+100			
		Depth	(D_1)	-50			
			(D_2)	-50			
			(D_3)	-50			
II. Placement of Gabion		Overlap	(O)	-50	Meas. Tape	every 10m of W	

NOTE:

- frequency : minimum recommended frequency of measurement.
- tolerance : allowable deviation on dimension. Design engineer's prescribed tolerances shall govern.