EIS/EPRMP SCOPING AND (For EIS C			DRM (GENERIC)
			□ 1 <sup>st</sup> □2 <sup>nd</sup> □3 <sup>rd</sup> <sup>th</sup> Screening
Date Submitted for Screening: Form of Submission: Hard Digital Project Title: Patrick-Viga (Manamlay) River Dredging Project Project Location: Barangays Claudio Salgado, Tagumpay, Vic Sablayan, Occidental Mindoro Project Proponent PERRC Construction and Development Co	ctoria, La		tan San Agustin and Pag-Asa, Municipality of
Authorized Representative: <b>MR. WALFRIDO FRANCISCO I</b> Address: <b>Unit 302 and 1604 OMM Citra Building, San Miguel</b>	R. SUN Avenue,	Ortigas C	enter, Barangay San Antonio, Pasig City
Contact Person: <b>EMILIANO GUTIERREZ, JR.</b> Contact No: <u>(02) 8527-6783</u> / 09054484178 E-mail Address: <u>igut</u>	tierrez ph	@yahoo.c	<u>om</u>
EIA Consultant: NADIA C- PEREZ CONDE Contact Person: Address: Contact No: +09276128508 E-mail Address: nadiap2004@gn Date of Technical Scoping: 16 February 2023 Venue of Technical Scoping: EMB MIMAROPA Table 1. Checklist of Documentary Requirements Boxes and blanks in the first column are to be filled-up during se	coping and		upon submission of EIS/EPRMP for screening
	Accept	able?	Screening Officers' Remarks
Check required EIA Report <sup>1</sup> Environmental Impact Statement (EIS) (include photographs or plates of project site, impact/affected areas and communities and land-use plan showing compatibility of the proposed project)	Yes	No	
Proof of Authority over the Project Site  Approved Dredging Plan from DPWH  Contract Agreement with the Government  IAC Resolution for the dredging of the river delta for navigation purposes.			
Accountability Statements of Preparers & Proponent (see Annexes 2-21 & 2-22 of Revised Procedural Manual for DAO 2003-30)			
**note: signed and notarized accountability statement upon submission of the EIS Report.			
ACTION TAKEN: (Please check to indicate correspondi  Document accepted; please submit _ copies  Document not accepted	ng action	taken)	

NOTED BY:

ance and Permitting Division

EnP. Nicole Yuri Dorado
Chief, EIA Section
EMB Regional Office
Screening Office

O.R. # Date

Table 2. EIS/EPRMP Annotated Outline

<sup>1</sup> Please refer to attached checklist of EIS/EPRMP Contents

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Sections / Subsections	Content	Page #	Acceptable?	REMARKS
executive Summary (	maximum of 15 pages)			
Project Fact Sheet	Summary of Project Description based on dredging masterplan			
Process Documentation	Documentation of the process undertaken in the conduct of EIA (EIA Team, EIA Study Schedule & Area, description of key EIA Methodologies by sector, scoping and Public Participation)  **Include the process of the EIS study (with time from indicative) and the composition of the EIA team			
EIA Summary	Discussion on no project option     Concise integrated discussion on the ecological profile and carrying capacity of the proposed project site     Summary of the Environmental Management Goals and Indicator Limits of the Water Quality			
	** Highlight the most significant environmental impacts (not more than 10 pages)  **With a baseline on marine, freshwater, and terrestrial ecology.			
Project Description     Include as an introd		ponent in	cluding the regulat	ory mandate of the
LGU				
1.1 Project Location and Area	<ul> <li>a) Map showing sitio, barangay, municipality, province, region boundaries, vicinity, proposed buffers surrounding the area and Primary &amp; secondary impact areas</li> </ul>			
	b) Geographic coordinates (shapefile data) of project area (use WGS 84 datum - GPS setting)			
	Include the river and the river delta.  c. Describe the vicinity and the accessibility of the project site/area.		0	
1.2 Development Framework	Cite and focus on the need for the project based on national and regional/local economic development in terms of contribution to sustainable development agenda or current development thrusts.  Describe the justification for the Project with particular reference made to the economic and social benefits, including employment and associated economic development, which the project may provide. The status of the project should be			
	discussed in a regional and national context.			
1.3 Alternatives	a) Discuss the consequences of not proceeding with the project or no project option  **Qualitative Discussion. Identify problems encountered by the community.			
	**Potential use of the river and the users.			
1.4 Size, General Water Use, and Components	a) Discuss total area and water use			
	b) Maps showing in particular, the location and boundaries of the project area and dredging master plan showing areas and proposed buffers.			
	<ul> <li>c) Description of dredging activity, and description of support facilities including dredging equipment (numbers, type, and capacity)</li> </ul>			
	d) Identification of infrastructure requirements such as power, fuel, and water supply, if any			

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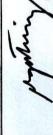
Sections / Subsections	Content	Page #	Acceptable?	REMARKS
	Description of waste management system for sift.     Temporary stockpiling area for unwanted materials including disposal area.			
	<ul> <li>Temporary laydown of the dredged materials and transport.</li> </ul>			
5 Schedule of dredging	a) Discussion on the dredging activity schedule.     b) Include indicative project lifespan/milestone.			
.6 General tages of evelopment and ctivities	Phases to be described in terms identifying specific activities (w/ special attention on those with significant environmental impacts as well as climate change adaptation options relevant to the project and project activities) and corresponding projected implementation timeframes:			
	Operation (projected period of full operation of various project components) include discussion of various equipment to be used in dredging     Demobilization  Dismantling/abandonment of facilities/ equipment and other necessary activities			
	** Describe the execution plan of the project based on the approved dredging plan and IAC Resolution.			
17.0	Include dismantling of temporary facilities.  Define and discuss organizational and other			
1.7 Organization, Management and Manpower	Define and discuss organizational and other institutional mechanisms that will be used to implement and manage the various development activities.			
	Tabulate and discuss the following per phase of site development: o manpower requirements; o expertise/skills needed; o nature & estimated number of jobs available for men, women, PWDs, and indigenous peoples (if sited in IP ancestral land); o preferred scheme for sourcing locally from host and neighboring LGUs o projected timeframe for the manpower requirement o Relationship of the Contractor (Proponent) with the government (Entities who have jurisdiction over the dredging area).			
	Tabulate and discuss the projected manpower requirements of dredging operators using the same parameters above.			
.8 Project Schedule and Cost	indicative Total Project Investment Cost (Philippine Peso)			
	Discuss projected cost:  In terms of investments  support facilities and infrastructure requirements  waste management system for silt			
area)  For EIS, the Enviror secondary impact a succeeding issuances) hazard information		I as the S Revised Pr ctions and s of proje	study Area Coverago cocedural Manual (RF d disaster risks bas ect area footprint, s	ge in the primary are PM) for DAO 2003-30 ed on existing nature show sensitive/critic
2.1 Study Area Coverage (indicating primary and secondary impact areas)	Land - Description & Map showing the study area  Potential areas to be affected if any. Geological Assessment of the area to be dredged (Confirmation of the presence of			





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Sections / Subsections	Content	Page #	Acceptable?	REMARKS
	Quantity of materials to be dredged (River			
	and River Delta)  Water - Description & Map showing the study area coverage vis-à-vis WQMA in the area (if applicable)			
	<ul> <li>Include River Delta</li> <li>Freshwater and Marine Ecosystem (Methodology, Team Composition, and Date of conduct and Sampling-must be a representative sampling)</li> </ul>			
	** Sampling areas: Dredging area and adjacent water body.  People - Description & Map showing the study	e de la M		
2.2 Ecoprofile and	area (primary and secondary )  The eco-profile, impact assessment, and corresponding	ng appro	ach/method shall	
Assessment of mpacts	be guided by the prescriptions in Table 3.			
Carrying Canacity	y Assessment (Specifically on the SILT/Sedime y assessment shall consider the environmental manage y analysis	ement go	Control of the Contro	
3.1 Environmental Management Goal and	Framework, description and listing of environmental ma	anageme	nt goals and indica	tor limits for:
Indicator Limits	Site assessment for the disposal of a second by a			
	unacceptable materials or spoils.  Water			
	<ul> <li>Marine and Freshwater</li> <li>Irrigation waters</li> <li>Groundwater or Deepwells</li> </ul>			
	People  IPs, and vulnerable sectors Fisherfolks (BFARMC) Farmers Resort Owners			
3.2 Carrying Capacity Analysis	Define, describe and quantify the "maximum allowable  Use the available USA-EPA Guidelines for the			
4. Environmental Mana	gement Program (EMP)	a carrying		
environmental aspect	mit to most significant impacts per project phase and to (See Annex 2-17 of RPM for DAO 2003-30) and shall tation and disaster risk reduction measures/options shall	contain i	tems identified in 4	1.1 to 4.7. Appropriate
4.1 Environmental Pla	n Framework and Strategic Components including n Environmental Management System (EMS)			
4.2 Impact Management in the design of dredging activity	Description of Environmental Impact Management     Focus on the identified impact sectors and indicator limits.  ** Use the dredging plan and execution plan in			
4.3 Water Quality Management Program	water Quality Monitoring Plan     Coastal Resources Management Plan     Irrigation Water			
4.6 Social Impact  Management and  Development  Program	Resolution of Conflicting Issuances (if applicable)     Compensation Plan for affected for affected stakeholders     Social Development Plan (in the context of the project)     Information, Education and Communication Program (IEC)			
4.7 Environmental Risk Management Plan for the river system	<ul> <li>With existing tenement holders (MGB and PMRB).</li> <li>Safety Management System</li> <li>Emergency Response Plan in case of oil spill (refueling of marine vessels)</li> <li>Compensation Fund (Coastal water, Surface Waters, and Rice Plantation)</li> </ul>			



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Sections / Subsections	Content	Page #	Acceptable?	REMARKS
	** More on the safety management for the manpower and external community.			
5. Social Development	Plan/Framework (SDP) and IEC Framework			
5 4 Q - ' - I	Lo			
5.1 Social Development Program (SDP)	Community development or livelihood programs/activities, projected beneficiaries, partner institutions, the timeframe of implementation as well as source and amount allotted per activity/component (See Annex 2-18 of RPM for DAO 2003-30)			
	Inclusion of protection and/or conservation of protected areas and RAMSAR in the Corporate Social Responsibility (CSR)     Tabular form or Matrix			
5.2 Information and Education Campaign (IEC)	Target sector, key messages, scheme/strategy/methods, Information medium, timelines and frequency, cost (See Annex 2-19 of RPM for DAO 2003-30)  • With respect to protection and/or conservation of protected areas and RAMSAR  ** Tabular form or Matrix			
6. Environmental Co	mpliance Monitoring			
6.1 Self-Monitoring and Reporting Plan	The monitoring plan shall include the following Scheme for the reporting to EMB Scheme for consolidated compliance reporting. Summarized using Annex 2-20 of RPM for DAO 2003-30 or succeeding issuances as template, integrating the Environmental Management Indicator limits, Maximum Allowable Limit (MAL), and Total Maximum Daily Load (TMDL); It should be based on available standards and water quality criteria (most beneficial use)			
<b>6.2</b> Environmental Guarantee and Monitoring Fund Commitments	•Discussion on the necessity of putting up an EGF. If deemed necessary, present a proposed amount of EGF indicating the basis for the estimate (per guidelines in annex 3-6 of RPM for DAO 2003-30). Environmental Liability mechanism for the setting of the amount of EGF to be put up, as well as for disbursement of EGF shall be specified.			
7. Demobilization/De	commissioning Policy			
	nent's policies to implement the demobilization plan			The Late
	or EMP Implementation			
Present the organ establishment of an command and repo	nizational scheme of the proponent including the Environment, Health and Safety (EHS) Unit, the line of thing procedures as well as manpower complement and other operating departments. Also present external			
compensatory project.	to perform avoidance, mitigation, rehabilitation, and activities for the environmental impact caused by the contractual obligations.			

Table 3. Ecological Profiling and Assessment of Impacts of land development (for new projects or existing with expansion in land area)

#### EIS/EPRMP SCOPING AND SCREENING FORM (GENERIC)

(For EIS Compliance/ECC)

✓ for completeness during During scoping: Unless otherwise specified as agreed during scoping, all items listed below are procedural screening; page required. Indicate further instructions (if any) numbers should be provided upon submission of the EIS Remarks Methodology/Approach **Ecoprofile Parameter Projected Impacts** 2. Land Include. 1.1 Land Use and Classification of nearby areas including ECA 3. Water 2.1 Hydrology/Hydrogeology Identify and assess project impact Drainage map (also showing local 2.1.1 Change in drainage morphology / Inducement the change in drainage drainage system/infrastructures); of flooding/ Reduction in flooding/drought morphology/local drainage historical system and resulting effects of stream stream volumetric flow occurrences, flow flooding pattern in the project area measurements/estimates; and surrounding. Include climate of watershed /sub-Delineation projections effects on flooding. watersheds/ floodplain; and identification of aquifers if any Relate discussions to item 3.1.1 Identify and assess project impact Regional hydrogeological map 2.1.2 Change in stream, in terms of change in stream, lake lake water depth water depth Identify and assess project impact Current / projected water use 2.1.3 Depletion of water on the existing water resources (groundwater/surface water) in the resources / competition in and the resulting competition in area and adjacent areas water use water use the analysis/estimation of water Inventory of water supply source including springs and wells (indicate depth of water table) and show availability. Include discussions taking into consideration the location in a map of appropriate scale PAGASA medium to long term projections 2.2 Oceanography (applicable to projects with jetty/port and/or s hange the bathymetry in the area Identify and assess project impact Provide discussions (Particularly 2.2.1 in the mouth of the river) the degree Change/disruption change/disruption of circulation circulation pattern due pattern and the potential for to dredging coastal erosion 2.2.2 Bathymetry 2.3 Water Quality Physico-Chemical characterization of Identify and assess project impact 2.3.1Degradation terms of degradation of groundwater quality water: groundwater, coastal surface **√** pH water and coastal/marine water **☑** BOD5 quality. Use DENR standard methods and procedures for Oil and grease sampling and analysis. **☑** TSS Fecal/ total coliform of 2.3.2 Degradation surface water quality ✓ sampling site map \*\* Sampling Stations: 10% of the area; 3 sampling stations (DS, MS, US) degradation 2.3.3 coastal/marine water quality 2.4. Freshwater Ecology Include. 2.4.1 Threat to existence Identify and assess project impact Summary endemicity of threats terms and/or loss conservation status existence/and or loss of species, species of Abundance of ecologically and important local abundance frequency and economically important species and habitat distribution species and include (fishes, benthos, planktons); discussions on overall impact to 2.4.2Threat to Presence of pollution indicator freshwater ecology. abundance, species: frequency and sampling site map Relate discussions to air and distribution of water species Show in a map, sampling sites for monitoring purposes based on

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the most significant thre identified.  and structure in marine waters)  of Based on reliable secon for baseline parameter and assess project iterms of threats to exist of important local specto abundance, freque distribution and discussions on overall marine ecology. discussions to air, wo ceanography.  In the absence of reliable data, use quadrat, traintercept, spot dive, marine resource character municipal and commercia data) for baseline gathering.	ach Page eats  Indary data s, identify impact in ence, loss ies, threat ency and include impact to Relate vater and secondary ensect, line manta tow, ization (e.g. al fisheries		Remarks
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o er a	and impacts on demograffected communities assessment in the form SDP/IEC  Identify and assess produced impact due to in-migrar patterns including prolifications in terms of three delivery of basic service including potential for recompetition in the area effects of in-migration in	impacts on demography of affected communities. Use assessment in the formulation of SDP/IEC  Identify and assess project impact due to in-migration patterns including proliferation of informal settlers  Identify and assess project impact in terms of threats to delivery of basic services including potential for resource competition in the area including effects of in-migration  Identify and assess specific threats to public health and safety  attention  Identify and assess local benefits of the project in terms of enhancement of employment and livelihood opportunities, increased business opportunities and associated economic activities and increased revenue	impacts on demography of affected communities. Use assessment in the formulation of SDP/IEC  Identify and assess project impact due to in-migration patterns including proliferation of informal settlers  Identify and assess project impact in terms of threats to delivery of basic services including potential for resource competition in the area including effects of in-migration  Identify and assess specific threats to public health and safety  Identify and assess specific threats to public health and safety  Identify and assess local benefits of the project in terms of enhancement of employment and livelihood opportunities, increased business opportunities and associated economic activities and increased revenue

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During scoping: Unless otherwise specified as agreed during scoping, all items listed below are required. Indicate further instructions (if any)				✓ for completeness duri procedural screening; pa numbers should be provid- upon submission of the E		
Projected Impacts	Ecoprofile Parameter	Methodology/Approach	Page	1	Remarks	
Increased revenue of LGUs						
4.5 Traffic congestion	Road network/ systems Existing Transportation/traffic situation	Identify and assess project impact on the traffic situation in the area including congestion based on existing capacity of road system				

**Table 4. Carrying Capacity Assessment** 

Silt/Sediment Management (maximum silt/Sediments to be dredged per day) – Lift from the approved dredging permit or from the application submitted to DPWH.

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Table 5. Environmental Risk Assessment to be included in the EIS/EPRMP

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During Scoping: Check appropriate	ng Scoping: Check appropriate boxes. Indicate further instructions (if any)			Procedural Screening ✓			
Level of Coverage & Type of Risks	CONTENTS OF ERA AS PART OF EIS/EPRMP For the identified safety risks in column 1	Remarks/ Specific Scoping Instruction/s	Page	/	Remarks		
Safety Risks Type: Release of toxic substances (oil spill)	Description of conditions, events and circumstances which could be significant in bringing about identified safety risks  Description & assessment of						
	the possible accident scenarios posing risk to the environment  Description of the hazards, both immediate (acute effects) and delayed (chronic effects) for man and the environment posed by the release of toxic substance, as applicable						
	The safety policy and emergency preparedness guidelines consistent with the regulatory requirements. Emergency Preparedness should also consider natural hazards to the infrastructures and facilities.						
	Prevention of the occupational hazards and Traffic Risks (Land and Water)						

Noted By:	Signature
Review Committee Members	C ( 10 = (
Jose Reynato Morente (RevCom Chair)	Jackrymton. Mil
2. Maria Lourdes Q. Moreno, Ph.D (OIC Chief,CZFERD)	
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4. Engr. Nunilon R. Taguilig (Chief AWMS)	X
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