Enhancing Seaport Infrastructure Resilience

A. Rationale:

UNDRR is a founding member of the Coalition for Disaster Resilient Infrastructure (CDRI) and currently supports its efforts. In particular, UNDRR is working with CDRI to implement a project on ‘enhancing the resilience of infrastructure through strengthened governance’.

The project intends to:
(i) Increased awareness and understanding of infrastructure vulnerability and resilience among key infrastructure ministries/bodies and disaster management agencies and actors;
(ii) Strengthened national capacity for risk-informed infrastructure planning among infrastructure ministries and bodies, public and private infrastructure stakeholders, and disaster management agencies and actors;
(iii) Enhanced collaboration between the private and the public sector to address infrastructure vulnerability and resilience.

To implement this project, UNDRR has developed a Global Methodology for conducting infrastructure resilience reviews. During the implementation of this Global Methodology in countries, the need to further conduct deeper analysis of infrastructure sectors and assets were identified as a gap.

Seaports are very important and crucial for global trade and disruptions from extreme weather events and hazards can be extremely costly. Disruptions to ports can also have cascading impacts across infrastructure systems and supply chains. A recent study shows that disruptions to ports from climate
events can have systemic impacts on global shipping, trade and supply chains resulting in a total of US $81 billion of global trade and over US$122 billion of economic activity being at risk on average annually.1

Given that seaports are highly vulnerable infrastructure assets, there is a need to support countries in conducting a deeper analysis of the current state of infrastructure resilience of seaports and stress testing to better understand the cascading impacts and interdependencies of disruptions to ports.

B. Purpose:

Recognizing that seaports are critical assets for many countries and that increasing climate change impacts on seaports can result in significant and costly damage, UNDRR aims to address this by enhancing the resilience of seaports.

Therefore, UNDRR is seeking support to develop guidance materials for conducting a deep dive infrastructure resilience review for seaports. This guidance is intended to be used in conjunction with the Global Methodology, while tailoring it to the needs and specificities of the seaport sector. In other words, this guidance will provide steps and criteria for conducting a thorough in-depth analysis of seaports when conducting infrastructure resilience reviews.

This guidance will be particularly relevant for vulnerable coastal developing countries, archipelagic and sea-locked countries such as SIDS. Damage to seaport infrastructure assets can have devasting impacts and consequences for these countries.

C. Outcome:

Increased awareness and understanding of systemic risks of seaports.

Enhanced resilience of seaports.

D. Output:

1. Develop a methodology for conducting infrastructure resilience assessments of seaports.
2. Update the UNDRR stress testing tool to include scenarios that are specific to seaports.
3. Update the UNDRR Principles for Resilient Infrastructure Scorecard to assess seaport resilience.

E. Suggested activities:

Develop and design the methodology for assessing seaport resilience.

This should methodology needs to be practical and should:

- Provide a step-by-step guide specific to ports, focusing on stress testing and assessing current state of infrastructure resilience of seaports.
- Address seaport sector-specific challenges for enhancing infrastructure resilience
- Build on research and analysis of existing methodologies and practical experiences

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- Build on and complement the CDRI/UNDRR Global Methodology for Infrastructure Resilience Reviews
- Consultations with stakeholders and experts

Update the stress test tool with specific scenarios for identifying vulnerabilities and exposures of seaports.

Update Principles for Resilient Infrastructure Scorecard

F. Resources: USD 55,000

G. Elements specific to the project that the grantee should know:

All International and national non-governmental organizations that wish to be considered for partnership opportunities with UNDRR will need to register and create a profile on the UNPP. Following verification of the profile information, partners will be eligible to apply to partnership opportunities with UNDRR as well as the UN Secretariat and all other participating UN Organizations.

We encourage you to start the registration as soon as possible to avoid delays. Only registered organizations whose profile has been successfully verified will be considered eligible partners to apply for grant opportunities with UNDRR. [Mandatory]

For more details on registration procedures please visit the UN Section of UNPP (https://www.unpartnerportal.org/landing)

H. Budget and administrative-related aspects:

The duration of the proposed project cannot exceed 5 months or 30 November, 2024. The maximum amount requested from UNDRR for the implementation of this project cannot exceed 55,000 USD. The project proposal must not exceed 10 pages (attachments such as scanned copies of entity’s registration, CVs of staff etc. do not count).

For this purpose, please fill in duly all the sections of the application form, include the required documents (scanned copy of NGO/IGO’s registration certificate, CVs of staff etc.) and budget excel sheets, and send the complete application package (application form, budget excel sheets, entity registration certificate, CVs of staff, etc.) to the following email address: undrrgrantproposal@un.org

cc: helen.ng@un.org

Reference: CfP 2024 003 Call for Proposals – Enhancing Seaport Infrastructure Resilience

Deadline for applications: 10 June 2024 midnight New York, USA EST (Eastern Standard Time). Incomplete and/or late applications will not be considered.

Projects’ activities can include, amongst others, the following:

- seminars, workshops, trainings;
- capacity building activities;
- institutional strengthening activities and
advocacy

The following types of activity will not be covered:

- capital expenditure, e.g. land, buildings, equipment and vehicles;
- individual scholarships for studies or training courses;
- supporting political parties; and
- sub-contracting

Due to the number of applications, only short-listed applicants will be notified.

Please note that the grant payment schedule will be determined with the selected grantee when finalizing the agreement. UNDRR standard practice is: not to exceed 40% of the requested amount upon signature of the grant agreement; remaining payments made based on a schedule of payments linked to production of project milestones and the final payment, 20%, will be paid after the end of the project, once final documents have been received, verified and approved by UNDRR.

Refund of grants: UNDRR may request organizations to refund, either in part or in whole any amounts paid in respect of a grant when:

- the project was not implemented in full or in part;
- the grant was spent for ineligible expenditures other than those mentioned in the budget proposal submitted to, and approved by UNDRR;
- no narrative, financial or audit report was submitted within the deadline established by the grant agreement;
- a narrative report and/or a financial report submitted was determined to be unsatisfactory;
- a negative evaluation of the project by UNDRR;
- any other valid reason provided by the UNDRR.