

Government of the People's Republic of Bangladesh
Department of Disaster Management (DDM)
Ministry of Disaster Management and Relief

**Invitation for
Expression of Interest (EOI)**

For

Consulting Services for

**Detailed Design, Tender Assistance, Construction Supervision, and Other Related
Services of the Disaster Risk Management and Enhancement Project (DRMEP)**

January 2017

Government of the People's Republic of Bangladesh
Department of Disaster Management (DDM)
Ministry of Disaster Management and Relief
92-93 Mohakhali C/A, Dhaka-1212, Bangladesh
www.ddm.gov.bd

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Dated: 05/03/2017

Invitation for Expression of Interest (EOI)
For
Selection of Consulting Services for
Detailed Design, Tender Assistance, Construction Supervision and Other Related Services of the Disaster Risk Management and Enhancement Project (DRMEP)

1. The Department of Disaster Management (DDM), under the Ministry of Disaster Management and Relief (MoDMR) of The People's Republic of Bangladesh (GoB) has currently applied for Japanese ODA loan for Disaster Risk Management and Enhancement Project-DRMEP (the Project) including the cost of this consulting service. The consultant will assist DDM in detailed designs and construction supervision and environmental issues; carry out preparation of the bidding documents prior to their issuance, help evaluate the bids in coordination with Local Government Engineering Department (LGED) and Bangladesh Water Development Board (BWDB).
2. This EOI invites international consultants and Joint Ventures (JV) with inputs from both international and local specialists who are interested to render the services as the Consultant under the Project;
3. The scope of the consulting services is as follows;

Component 1: Reconstruction for Disaster Mitigation/Preparedness

- 1) Detailed Design
- 2) Tender Assistance (Assistance in Pre-Qualification & Bidding Procedures)
- 3) Construction Supervision
- 4) Facilitation of Environmental and Social Consideration
- 5) Capacity Development and disaster mitigation.

Component 2: Equipment for Emergency Response

- 1) Detailed Design
- 2) Tender Assistance (Assistance in Bidding Procedures & preparing specifications)
- 3) Procurement, Installation, supervision and Operational Training

Component 3: Quick and Effective Recovery and Rehabilitation

- 1) Support to PCMU (Project Coordination & Monitoring Unit) consisting of MoDMR, DDM, LGED and BWDB activities to implement effective Disaster Risk Management
 - 2) Detailed Design on infrastructure for recovery and rehabilitation
 - 3) Advice for Construction Supervision
4. Applicants must submit the EOI with furnishing the following information including supporting documents and the formats as [Annexures].
- 4.1 Consultant's Information
- (a) Consultant's Registration Certificate
 - (b) Consultant's profile: i.e. management structure, number of employees (Architecture, Structural engineers, planner, environmental specialist etc.), areas of specialization, track record including list of all consulting services provided within last ten (10) years, etc.
 - (c) Summary of employment status regarding all full-time experts working in the firm for more than three years as per Form 3.
 - (d) Summary of financial status as per Form 4 supported by audited financial statements (balance sheet, profit & loss account, and cash flow statement) and annual reports for the last five years
 - (e) History of litigation in courts or any arbitration proceedings (if any)
 - (f) In case of JV, JV agreement or Memorandum of Understanding among the partners

4.2 Consultant's Experience

List of the technical or engineering consulting services for the following specific experiences with information as per Attachment 2.

- (a) Experience of consulting services for flood or cyclone protection Embankment / Polder Construction Design, Supervision projects in last 10 (ten) years outside of its own country of the consultant (specially in south-Asian countries)
- (b) Experience of consulting services for Road/ Bridge/ Culvert Construction Design, Supervision projects in last 10 (ten) years outside of its own country of the consultant
- (c) Experience of Consulting services for detailed design , preparing specification and installation of Search and Rescue equipment, Early warning & VHF communication equipment and particularly marine rescue boat and marine fire fighting float
- (d) Experience of consulting services for Tender Assistance last 10 (ten) years
- (e) Experience of consulting services for Facilitation of Env. and Social Consideration
- (f) Experience of consulting services for Design, construction supervision work funded by JICA, World Bank, ADB and other Development Partners in last 10 (ten) years
- (g) Experience of consulting services for Disaster Recovery Planning
- (h) Experience of consulting services for Planning of Disaster Risk Management/Governance
- (i) Experience of Consulting Service on Knowledge Management and Capacity Building on disaster risk management.

5. The EOI as well as forms/supporting documents attached shall be written in English. Documents originally written in other than English shall be translated by an applicant (Notarized official translation) into English and attached to the original. In case of JV, the documents/information about working experience requested in Para 4.2 above for each member consultant is required.

6. A consultant shall be solely, and in case of JV all the member consultants shall be jointly and severally, liable for the entire performance of the Contract. The consultants shall remain responsible for the performance of the sub- consultant(s).

7. Forms of submission are posted on the DDM website (<http://www.ddm.gov.bd/>) from 07/03/2017. Interested Consultants may download the document from above mentioned website and convey DDM of their interest in this EOI. Consultants shall submit one (1) original and four (4) copies of the EOI in sealed envelopes marked with "**Detailed Design, Tender Assistance, Construction Supervision and Other Related Services under the Disaster Risk Management and Enhancement Project (DRMEP)**" with soft copy in DVD or CD-R. Proposals along with documentary evidences to support the required criteria should be submitted by 19/04/2017 on or before 12.00 noon (BST). **Any application submitted later than the specified date and time or submitted through email/fax/mail will not be entertained.**

Address:

Office of the Project Director,
Disaster Risk Management and Enhancement Project, 2nd Floor (Room No. 205)
Department of Disaster Management (DDM)
92-93 Mohakhali C/A, Dhaka-1212, Bangladesh.
Phone: +880-29861113, Fax: +880-29860130, E-mail: pddrmep.ddm@gmail.com

8. Interested applicants may communicate with the Office of Project Director, DDM on office days during 10:00 to 12:00 hours BST or through e-mail for further information up to 07 days prior to the submission date of EOI.

9. DDM will not be responsible for any costs or expenses incurred by an applicant in connection with the preparation or delivery of EOI.

10. DDM reserves the right to accept/reject one or all EOIs or stop the process of approval at any stage, at its sole discretion without assigning any reasons and shall bear no liability whatsoever consequent upon such a decision.

11. Those EOIs submitted by applicants will be screened, and several consultants will be shortlisted on the basis of the marks obtained as per the criteria for the short list (Attachment 2). Only the top 3 to 5 short-listed consultants according to score will be invited to submit proposals to DDM. Consultants will be selected through Quality Based Selection (QBS). Regarding this selection of consulting services, the latest edition of "Guidelines for the Employment of Consultants" and "Standard Request for Proposals" of Japanese ODA Loans shall be followed. The contract with the consultant will be the time-based.

Sd/-

(Abu Syed Mohammad Hashim)

(Additional Secretary)

Project Director

Disaster Risk Management and Enhancement Project (DRMEP)
Department of Disaster Management

Detailed Information on
Detailed Design, Tender Assistance, Construction Supervision and Other Related
Services of the Disaster Risk Management and Enhancement Project (DRMEP)

1. Project Information

1.1 Project Background and Major Scopes

Bangladesh is one of the most vulnerable countries to the natural disaster, located in the largest delta area in the world, with 90% of the land is located in the low lying area where the height above sea level is 10 meters or less. In 1998, about 70 % of the land area is inundated by flood. Cyclone occurs almost every year, with which more than 3 thousands people lost their lives by the cyclone Sidr in 2007. In the last 30 year from 1985 to 2014, total number of deaths due to natural disaster is more than 170 thousands, and the cumulative total of affected people is more than 262 million. The economic loss caused by these disasters is huge, reported to be around 570 million U.S. Dollar each year, and this hinders the stable economic growth of the country.

In the Seventh Five-Year Plan, the primary objectives are economic growth and mitigation of poverty; however, in order to realize a stable economic growth, it is necessary to mitigate damage, reduce poverty and achieve rapid post-disaster recovery and reconstruction based on the construction of an effective disaster risk management setup. Accordingly, it is necessary to build a comprehensive disaster risk management setup for responding to disasters.

In terms of goals and strategies concerning disaster mitigation, the Seventh Five-Year Plan identifies disaster risk mitigation, climate change countermeasures and disaster risk management measures, and it especially makes the repair and construction of embankments and tide embankments in coastal areas that have been damaged by cyclones in recent years the top priority. However, budget shortages have made it difficult to implement prompt disaster recovery. In the districts where prompt disaster recovery has not been implemented, scouring and erosion caused by natural disasters such as repeated flooding and storm surge from cyclones have grown and led to the loss of land and habitat.

On the other hand the project highly considered to establish the Sendai Framework in Bangladesh through this project which targeted to fulfill below priorities of Sendai Framework:

Priority 1: Understanding disaster risk

Priority 2: Strengthening disaster risk governance to manage disaster risk

Priority 3: Investing in disaster risk reduction for resilience Priority

4: Enhancing disaster preparedness for effective response and to “Build Back Better” in recovery, rehabilitation and reconstruction

Bangladesh will be the first country who officially implement the Sendai Framework, thus requires highest level of coordination among the agencies.

Furthermore, in the National Plan for Disaster Management, 2010, the project geared to medium and long-term disaster management (disaster risk mitigation and prevention, strengthening of emergency response capacity, improvement of disaster recovery and reconstruction activities) was implemented. On the other hand, other donors primarily comprised of the World Bank, Asian Development Bank and the Government of the Netherlands have implemented assistance aimed at mitigating disaster risks through constructing infrastructures (riverbank erosion countermeasures and rehabilitation of embankments in coastal areas, etc.), conducting water management and maintenance programs based on public participation, strengthening organizational capacity and so on; however, they have not so far offered support for building of the comprehensive disaster risk management setup in Bangladesh.

In view of these points, this project, which aims to mitigate disaster risks based on preparedness for disasters (reconstruction of infrastructure, provision of equipment, establishment of a stand-by fund for recovery and reconstruction, etc.), strengthening of emergency response capacity, building of a mechanism for improving disaster recovery and reconstruction activities, and construction of a comprehensive disaster risk management setup for strengthening disaster responses and recovery, is consistent with higher level plans in Bangladesh. Moreover, because the project has high relevance and contributes to the stable economic development of Bangladesh, it is deemed to be highly necessary.

1.2 Project Scope

Overview of the Project Scope is as follows:

(1) Project which is under consideration for FY2015 Japanese ODA loan

- As stipulated in Table 2-1-1 a and Table 2-1-1 b

Location	<u>Component 1:</u> Considering the necessity of recovery and rehabilitation of infrastructure damages by past natural disasters, location of Component 1 is set as follows; Barisal, Bagerhat, Satkhira, Bhola, Pirojpur, Patuakhali, Cox Bazar, Khulna, Barguna, Jhalokati, Chittagong, Noakhali, Feni, Lakshmipur, Chandpur, Shariatpur, Madaripur, Gopalganj, and Faridpur
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	<p><u>Component 2:</u></p> <p>Considering the necessity of reinforcement of GOB’s emergency response for cyclones and other natural disasters, location of Component 2 is set as follows;</p> <p>Barisal, Bagerhat, Satkhira, Bhola, Pirojpur, Patuakhali, Cox Bazar, Khulna, Barguna, Jhalokati, Chittagong, Noakhali</p> <p><u>Component 3:</u></p> <p>Considering the necessity of establishing the scheme for quick and effective recovery of infrastructures hit by future natural disasters as well as paying attention to growing concerns on future earthquakes, location of Component 3 is set as follows;</p> <p>Throughout the country</p>
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Table 2-1-1 b: Actual Scope of the entire project

Items	details
(Component 1) Reconstruction for Disaster Mitigation/Preparedness	Reconstruction of the flood countermeasure facilities, regional roads and bridges, those continue to be in a vulnerable state, and/or deemed to be in a state of high vulnerability and could be damaged by water induced disasters in near future, will be a scope of the Project for disaster risk reduction. flood countermeasure facilities under Bangladesh Water Development Board (BWDB) and regional roads and bridges under Local Government and Engineering Department (LGED) will be a scope of the Component.
(Component 2) Equipment for Emergency Response	Establishing and effective system for the case of water induced disasters through procuring information sharing tools will be a scope of the Project for emergency response. equipment under Department of Disaster Management (DDM) and Fire Service and Civil Defense (FSCD) is procured.
(Component 3) Quick and Effective Recovery and Rehabilitation	Establishing the Quick and Effective Recovery Scheme for quick and effective disaster recovery and rehabilitation, and utilizing the scheme for public infrastructures such as flood countermeasure facilities, rural roads, bridges and cyclone/flood shelters will be a scope of the Component.
Consulting Services	<p>Component 1: Reconstruction for Disaster Mitigation/Preparedness</p> <ol style="list-style-type: none"> 1) Detailed Design 2) Tender Assistance (Assistance in Pre-Qualification & Bidding Procedures)

	<p>3) Construction Supervision</p> <p>4) Facilitation of Environmental and Social Consideration</p> <p>5) Capacity Development and disaster mitigation.</p> <p>Component 2: Equipment for Emergency Response</p> <p>1) Detailed Design</p> <p>2) Tender Assistance (Assistance in Bidding Procedures & preparing specifications)</p> <p>3) Procurement, Installation, supervision and Operational Training</p> <p>Component 3: Quick and Effective Recovery and Rehabilitation</p> <p>1) Support to PCMU (Project Coordination & Monitoring Unit) consisting of MoDMR, DDM, LGED and BWDB activities to implement effective Disaster Risk Management</p> <p>2) Detailed Design on infrastructure for recovery and rehabilitation</p> <p>3) Advice for Construction Supervision</p>
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Note: The consultant will be recruited for all components; however the consultant team will be distributed into 3 groups. The Group A consultant will be assigned in DDM to assist Component 2 & 3 implementation in association with BWDB and LGED. Group B and Group C will be assigned in LGED and BWDB respectively. B & C will assist LGED and BWDB to implement the Component 1 & 3 in close collaboration with DDM and MoDMR.

1.3 Expected Schedule of the Project

Key Activities	Date	Duration in Months
Overall Project		
Commencement of Consulting Services	July 2017	63
Termination of Consulting Services	June 2022	
Component 1		
Commencement of Consulting Services	July 2017	9
Completion of detail design, preparation of drawings and bid documents	December 2017	
Tender process including prequalification	January 2018 to January 2019	13

Commencement of Civil works	February 2019	29
End of Civil works	June 2021	
Defect Liability Period	July 2021 to June 2022	12
Submission of Construction Completion Report	August 2021	-
Component 2		
Commencement of Consulting Services	July 2017	3
Completion of outline design, preparation of specifications and bid documents	September 2017	
Tender process including prequalification	July 2017 to July 2018	13
Commencement of Procurement	August 2018	35
End of Procurement	June 2021	
Warranty Period	July 2021 to June 2022	12
Submission of Procurement Completion Report	August 2021	-
Component 3		
Commencement of Consulting Services	July 2017	6
Completion of detail design, preparation of drawings and tender documents	September 2017	
Tender process for civil works	November 2017 to December 2017	5
Commencement of Civil works	January 2018	44
End of Civil works	February 2022	
Defect Liability Period	1 year from date of completion certificate	12
Termination of Consulting Services	2023	-

2. Staffing (Expertise Required)

Minimum Qualification of key Team Members

Pro-A (International) , Pro - B (National)

A-1 Team Leader (Civil Engineer): Pro-A

B.Sc. in Civil Engineering with at least 15 years of experience

B-1 Co-Team Leader (Civil Engineer): Pro-B

B.Sc. in Civil Engineering with at least 20 years of experience

Component 1

A-2 River Engineer for BWDB: Pro-A

B.Sc. in Civil Engineering with at least 10 years of experience

A-3 Road/Bridge Engineer for LGED: Pro-A

B.Sc. in Civil Engineering with at least 10 years of experience

A-4 Environmental Specialist: Pro-A

B.Sc. in Environmental or Civil Engineering with least 15 years of experience

B-2 Deputy-Team Leader (River Engineer) for BWDB: Pro-B

B.Sc. in Civil Engineering with at least 15 years of experience in study

B-3 River Engineer for BWDB: Pro-B

B.Sc. in Civil Engineering with least 15 years of experience

B-4 Design Engineer (Embankment, River Improvement, etc.) for BWDB: Pro-B

B.Sc. in Civil Engineering with at least 15 years of experience

B-5 Hydraulic Engineer (Sluice and regulator design, etc.) for BWDB: Pro-B

B.Sc. in Civil Engineering with at least 10 years of experience

B-6 Construction Plan and Cost Estimate Engineer for BWDB: Pro-B

B.Sc. in Civil Engineering with at least 10 years of experience

B-7 Procurement and Contract Specialist for BWDB: Pro-B

B.Sc. in Civil Engineering with at least 15 years of experience

B-8 Construction Supervision Engineer for BWDB: Pro-B

B.Sc. in Civil Engineering with at least 15 years of experience

B-9 ~ 13 Construction Supervisors for BWDB: Pro-B

B.Sc. in Civil Engineering with at least 10 years of experience

B-14 Deputy-Team Leader (Road Engineer) for LGED: Pro-B

B.Sc. in Civil Engineering with at least 20 years of experience

B-15 Road Engineer for LGED: Pro-B

B.Sc. in Civil Engineering with at least 15 years of experience

B-16 Bridge Engineer for LGED: Pro-B

B.Sc. in Civil Engineering with at least 10 years of experience

B-17 Construction Plan and Cost Estimate Engineer for LGED: Pro-B

B.Sc. in Civil Engineering with at least 10 years of experience

B-18 Procurement and Contract Specialist for LGED: Pro-B

B.Sc. in Civil Engineering with least 15 years of experience

B-19 Construction Supervision Engineer for LGED: Pro-B

B.Sc. in Civil Engineering with least 15 years of experience

B-20 ~ 24 Construction Supervisors for LGED: Pro-B

B.Sc. in Civil Engineering with at least 10 years of experience

B-25 Geotechnical Engineer: Pro-B

B.Sc. in Civil Engineering or Geology or Soil Engineering with at least 10 years of

B-26 Geodetic Engineer: Pro-B

B.Sc. in Survey or Civil Engineering with at least 10 years of experience

B-27 Environmental Specialist: Pro-B

B.Sc. in Environmental or Civil Engineering with at least 15 years of experience

B-28 O&M Specialist: Pro-B

B.Sc. in Civil Engineering with at least 15 years of experience

B-29 Quality Control Engineer: Pro-B

B.Sc. in Civil Engineering with at least 15 years of experience

Component 2

A-5 Procurement Specialist for VHF Communication System: Pro-A

B.Sc. in Communication Engineering with at least 10 years of experience

A-6 Procurement Specialist for Marine Water Rescue boat: Pro-A

B.Sc. in Marine Engineering with at least 10 years of experience

B-30 Procurement Specialist for VHF Communication System: Pro-B

B.Sc. in Communication Engineering with at least 10 years of experience

B-31 Procurement Specialist for Marine Water Rescue boat: Pro-B

B.Sc. in Marine Engineering with at least 10 years of experience

B-32 O&M Specialist for Equipment: Pro-B

B.Sc. in Mechanical Engineering with at least 15 years of experience in O&M of equipment communication system, marine rescue and etc. He / she will have experiences as O & M specialist in similar project at least 5 years.

Component 3

Pro-A (International)

A-7 Disaster Recovery Planning Specialist: Pro-A

B.Sc. in Civil Engineering with least 15 years of experience

A-8 Disaster Recovery Design Specialist: Pro-A

B.Sc. in Civil Engineering with least 15 years of experience

Pro-B

B-33 Disaster Recovery Planning Specialist: Pro-B

B.Sc. in Civil Engineering with at least 15 years of experience in study

B-34 Design Engineer for Recovery Works: Pro-B

B.Sc. in Civil Engineering with at least 10 years of experience

B-35 Road/Bridge Engineer for Recovery Works: Pro-B

B.Sc. in Civil Engineering with at least 10 years of experience

B-36 Environmental Specialist for Recovery Works: Pro-B

B.Sc. in Environmental or Civil Engineering with at least 15 years of experience

B-37 Construction Plan and Cost Estimate Engineer: Pro-B

B.Sc. in Civil Engineering with at least 10 years of experience

B-38 Procurement and Contract Specialist: Pro-B

B.Sc. in Civil Engineering with at least 15 years of experience

The consultant may propose other experts and supporting staffs required to accomplish the tasks outlined in the ToR. It is the Consultant's responsibility to select the optimum team and to propose the professionals which he believes best meets the needs of DDM , LGED and BWD-PIU.

3.1 Position and Estimated Man-Months

Estimated Man-Months of Consultant Personnel for Overall Project

Engineer		M/M
International Engineer (Pro-A)		
A-1	Team Leader (Civil Engineer)	30
Sub-Total		30
National Engineer (Pro-B)		
B-1	Co-Team Leader (Civil Engineer)	51
Sub-Total		51
Total		81

For component 1, 3 of Professional(A) (hereinafter referred to as 'Pro-A') consultants and 28 of Professional (B) (hereinafter referred to as 'Pro-B') consultants will be engaged, for a total of 17 man-months for Professional(A) and 460 man-months for Professional (B) consultants, respectively. Total consulting input is 477 man-months.

Estimated Man-Months of Consultant Personnel for Component 1: BWDB Portion

Engineer		M/M
For BWDB Portion		
International Engineer (Pro-A)		
A-2	River Engineer for BWDB	7
Sub-Total		7
National Engineer (Pro-B)		
B-2	Deputy-Team Leader (River Engineer) for BWDB	40
B-3	River Engineer for BWDB	6
B-4	Design Engineer (Embankment, etc.) for BWDB	8

B-5	Hydraulic Engineer (Sluice, etc.) for BWDB	6
B-6	Construction Plan and Cost Estimate Engineer for BWDB	6
B-7	Procurement and Contract Specialist for BWDB	9
B-8	Construction Supervision Engineer for BWDB	29
B-9	Construction Supervisor 1 for BWDB	29
B-10	Construction Supervisor 2 for BWDB	29
B-11	Construction Supervisor 3 for BWDB	29
B-12	Construction Supervisor 4 for BWDB	18
B-13	Construction Supervisor 5 for BWDB	18
Sub-Total		227
Total		234

Estimated Man-Months of Consultant Personnel for Component 1: LGED Portion

Engineer		M/M
For LGED Portion		
International Engineer (Pro-A)		
A-3	Road/Bridge Engineer for LGED	5
Sub-Total		5
National Engineer (Pro-B)		
B-14	Deputy-Team Leader (Road Engineer) for LGED	30
B-15	Road Engineer for LGED	9
B-16	Bridge Engineer for LGED	9
B-17	Construction Plan and Cost Estimate Engineer for LGED	6
B-18	Procurement and Contract Specialist for LGED	9
B-19	Construction Supervision Engineer for LGED	18
B-20	Construction Supervisor 1 for LGED	18
B-21	Construction Supervisor 2 for LGED	18
B-22	Construction Supervisor 3 for LGED	18
B-23	Construction Supervisor 4 for LGED	18
B-24	Construction Supervisor 5 for LGED	18
Sub-Total		171
Total		176

Estimated Man-Months of Consultant Personnel for Component 1: Intersectional Portion

Engineer		M/M
For Intersectional Portion		
International Engineer (Pro-A)		
A-4	Environmental Specialist	5
Sub-Total		5
National Engineer (Pro-B)		
B-25	Geotechnical Engineer	4
B-26	Geodetic Engineer	4
B-27	Environmental Specialist	18
B-28	O & M Specialist	7
B-29	Quality Control Engineer	29
Sub-Total		62
Total		67

Estimated Man-Months of Consultant Personnel for Component 1: Total

Engineer		M/M
International Engineer (Pro-A)		
	BWDB Portion	7
	LGED Portion	5
	Intersectional Portion	5
Sub-Total		17
National Engineer (Pro-B)		
	BWDB Portion	227
	LGED Portion	171
	Intersectional Portion	62
Sub-Total		460
Total		477

For component 2, 2 of Professional (A) consultants and 3 of Professional (B) consultants will be engaged, for a total of 12 man-months for Professional(A) and 39 man-months for Professional (B) consultants, respectively. Total consulting input is 51 man-months.

Estimated Man-Months of Consultant Personnel for Component 2

Engineer		M/M
International Engineer (Pro-A)		
A-5	Procurement Specialist for Communication System	6
A-6	Procurement Specialist for Water Rescue	6
Sub-Total		12
National Engineer (Pro-B)		
B-30	Procurement Specialist for Communication System	13
B-31	Procurement Specialist for Water Rescue	17
B-32	O & M Specialist for Equipment	9
Sub-Total		39
Total		51

For component 3, 2 of Professional (A) consultants and 6 of Professional (B) consultants will be engaged, for a total of 31 man-months for Professional(A) and 137 man-months for Professional (B) consultants, respectively. Total consulting input is 168 man-months.

Estimated Man-Months of Consultant Personnel for Component 3

Engineer		M/M
International Engineer (Pro-A)		
A-7	Disaster Recovery Planning Specialist	22
A-8	Disaster Recovery Design Specialist	9
Sub-Total		31
National Engineer (Pro-B)		
B-33	Disaster Recovery Planning Specialist	50
B-34	Embankment Engineer for Recovery Works	25
B-35	Road/Bridge Engineer for Recovery Works	25
B-36	Environmental Specialist for Recovery Works	11
B-37	Construction Plan and Cost Estimate Engineer	13
B-38	Procurement and Contract Specialist	13
Sub-Total		137
Total		168

The estimated man-months of the consultant personnel for 3 Components are 777 man-months in total, consist of 90 man-months of international, 687 man-months of national engineers or experts as shown in the below.

Estimated Man-Months of Consultant Personnel for Overall, Component 1, 2 and 3

Engineer		M/M
International Engineer (Pro-A)		
	Overall Project	30
	Component 1	17
	Component 2	12
	Component 3	31
Sub-Total		90
National Engineer (Pro-B)		
	Overall Project	51
	Component 1	460
	Component 2	39
	Component 3	137
Sub-Total		687
Total		777

Note : For local consultant/engineer- professional registration (PEng) will be preferable.

3.2 Duration of Consulting Service

The consulting service is expected to cover the duration of 63 months, i.e. up to the completion of defect liability period.

3.3 Eligibility of the Consultants

All countries and areas except Israel.

(END)

Evaluation Criteria for Short Listing of Consultants

1. Technical Capacity of the Consultant

For No. from (1) to (4), each consulting firm shall provide documentary evidence in support of their service experiences. Otherwise, no point will be awarded. In case of Joint Venture (JV), experiences of all JV partners are jointly counted.

A countable consulting service experience (contract) is defined as follows:

- (a) Successfully completed between June 2005 and EOI submission deadline
- (b) Providing services minimum 12 months with minimum 10 man-months from the consultant firm

No.	Description
(1.1)	<ul style="list-style-type: none"> • Experience of consulting services for Embankment / Polder Construction Design, Supervision projects in last 10 (ten) years outside of its own country of the consultant • Minimum 1 (one) project experience • 3 points for each project and maximum 3 (three) projects counted
(1.2)	<ul style="list-style-type: none"> • Experience of consulting services Road/ Bridge/ Culvert Construction Design, Supervision projects in last 10 (ten) years outside of its own country of the consultant • Minimum 1 (one) project experience • 3 points for each project and maximum 3 (three) projects counted
(1.3)	<ul style="list-style-type: none"> • Experience of consulting services for Tender Assistance, preparing of tender documents and procurement management for last 10 (ten) years • Minimum 2 (two) Experiences • 4 points for each project and maximum 3 (Three) projects counted
(1.4)	<ul style="list-style-type: none"> • Experience of Consulting services for detailed design , Tender Assistance, preparing specifications and installation of Search and Rescue Items, Early warning and VHF communication equipment and marine vessels. • Minimum 2 (two) Experiences • 3 points for each project and maximum 2 (Two) projects counted
(1.5)	<ul style="list-style-type: none"> • Experience of consulting services for Facilitation of Environmental and Social Consideration with DRM • Minimum 2 (two) Experiences • 2 points for each project and maximum 3 (Three) projects counted
(1.6)	<ul style="list-style-type: none"> • Experience of consulting services for Flood and Cyclone protection Embankment / Polder/ Road/ Bridge/ Culverts Construction Design, Supervision projects in SAARC + ASEAN countries in last 10 (ten) years • Minimum 2 (two) Experience

	<ul style="list-style-type: none"> • 2 points for each project and maximum 3 (Three) projects Counted
(1.7)	<ul style="list-style-type: none"> • Experience of consulting services for Flood and Cyclone protection Embankment / Polder/ Road/ Bridge/ Culverts Construction Design, Supervision projects, funded by JICA, World Bank, ADB and other Development Partners in last 10 (ten) years • Minimum 2 (two) project experience • 3 points for each project and maximum 4 (four) projects counted
(1.8)	<ul style="list-style-type: none"> • Experience of consulting services for Disaster Recovery planning • Minimum 1 project experience • 3 points for each project and maximum 2 (two) projects counted
(1.9)	<ul style="list-style-type: none"> • Experience of consulting services for planning of disaster risk management/governance • Minimum 2 project experience • 3 point for each project and maximum 4 (Four) projects counted
<p>NB. All these experience of consulting services mention above should be treated as experience of firm, not for any individual consultant.</p>	

2. Financial Capacity of the Consultant

Description
<ul style="list-style-type: none"> • Average sales turnover for the consultant (or JV lead partner) in last three years

3. Institutional Capacity of the Consultant

In case of Joint Venture (JV), engineers of all JV partners are jointly counted.

Description
<ul style="list-style-type: none"> • Full-time experts in Construction Design/ Supervision/ Tender Assistance/ Quality control/ Equipment Procurement and Installation with the consultant as Permanent Employee.

(END)

Expression of Interest

[Note: Letterhead paper of the Applicant (in case of JV, the lead partner), including full postal address, telephone number and fax number]

Date: _____

To:
Office of the Project Director,
Disaster Risk Management and Enhancement Project
Department of Disaster Management (DDM)
92/93 Mohakhali, Dhaka 1212, Bangladesh

Dear Project Director,

1. Being duly authorized to represent and act on behalf of _____ (Applicant), and having reviewed and fully understood all of the information provided in the Invitation for Expression of Interest (EOI), the undersigned hereby expresses its interest in and applies to be short-listed by DDM –PIU as a submitter of proposal for the consulting services for Design, Supervision & Management and other related services under “Disaster Risk Management and Enhancement Project”.
2. Attached to this EOI are copies of original documents providing;
 - (a) the Applicant's information: legal status, financial status, and human resource status, etc., and
 - (b) the Applicant’s experiences related to the assignment of the consulting services.
3. The Project Director, Disaster Risk Management and Enhancement Project, DDM (PD) is hereby authorized to conduct any inquiries or investigations to verify the statements, documents and information submitted in connection with this EOI, and to seek clarification regarding any financial and technical aspects. This EOI will also serve as authorization to any individual or authorized representative of any institution referred to in the supporting information, to provide such information deemed necessary and as requested by DDM –PIU to verify statements.
4. The PD may contact the following persons for further information.

Name: _____

Position: _____

Consulting Firm: _____

Contact Detail: _____

5. This EOI is made with the full understanding that:
 - (a) all information submitted in this EOI for qualification and selection for short-listing will be subject to verification at the time of submitting proposal by short-listed applicants;
 - (b) the PD reserves the right to reject or accept any application, cancel the qualification and selection for short-listing process at any stage, and reject all applications;
 - (c) the PD shall not be liable for any such actions and shall be under no obligation to inform the Applicant of the grounds for them.

6. We confirm that, with the submitted Joint Venture Agreement or the Memorandum of Understanding among Partners for Forming Joint Venture, if we are selected to submit a proposal, that proposal as well as any resulting contract will be;
 - (a) signed so as to legally bind all partners, jointly and severally; and
 - (b) submitted with a joint venture agreement providing the joint and several liability of all partners in the event the contract is awarded to us.

[Note: By declaration of the Para 6 above, the JV lead partner and the JV other partners (experiences, technical and financial capacity) will be jointly evaluated for the short-listing. The sub-contracted firm is not subject of evaluation. Applicants who are not forming Joint Ventures shall delete Para 6 and initial the deletion.]

7. The undersigned declare that the statements made and the information provided in this EOI are complete, true, and correct in every detail.

Signed	Signed
Name	Name
For and on behalf of (name of Applicant or JV lead partner)	For and on behalf of (name of JV partner)

Signed	Signed
Name	Name
For and on behalf of (name of JV partner)	For and on behalf of (name of JV partner)

Experience and Qualification of the Consulting Firm including JV

[Note: An applicant or each partner of JV is requested to list all contracts in which consulting services were or being provided by the applicant(s) for related fields as defined in the "Request for Expression of Interest (EOI)" during the last 10 years. The value should be based on the currencies of the contracts converted into USD.

Name of assignment:	Country:
Duration (from/to)	Employer:
Contract status of the firm: Sole JV Leader JV Partner Subcontractor	ODA: Yes No Development Partner (if Yes):
Total contract amount:	Contract amount of the firm:
Total man-months of professional:	Man-months of professional provided by a consultant firm:
Summary of the consulting service:	

Experience and Qualification of the Expert Personnel

[Note: The following format shall be used to indicate the number of full-time experts according to desire criteria working with the consultant firm for more than three years.]

Sl. No.	Expert Name	Position in Firm	Educational Qualification	Field of Expertise	Years of Experience	
					Total	in Firm

Name of the Consulting Firm _____

Signature_____

Summary of Financial Status of Consultant/ JV Lead Member

[Note: Data/information to be supported by audited financial statements (balance sheet, profit & loss account, and cash flow statement) and annual reports for the last five years.]

Sl.	Year	FY2011-12	FY2012-13	FY2013-14	FY2014-15	FY2015-16
1	Total Assets					
2	Current Assets					
3	Total Liabilities					
4	Current Liabilities					
5	Sales Turnover					
6	Gross Profit					
7	Profit after Tax					

Name of the Consulting Firm _____

Signature_____