

GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH
OFFICE OF THE DIRECTOR GENERAL
BANLADESH RAILWAY
16, ABDULGANI ROAD, RAILBHABAN, DHAKA

REQUEST FOR EXPRESSIONS OF INTEREST (EOI) (International Competitive Bidding)

Sl. No.	Items	Descriptions
1	Ministry/Division	: Ministry of Railways
2	Agency	: Bangladesh Railway
3	Procuring Entity Name	: Joint Director General (Engineering), Bangladesh Railway, Railbhaban, Dhaka & Project Director.
4	Procuring Entity Code	: Not used at present
5	Procuring Entity District	: Dhaka
6	Expression of Interest (EOI) for Selection of	: Feasibility Study with Detail Design and Preparation of Tender Document for Construction of Rail Line from Bhanga Junction (Faridpur) to Payra Port via Barisal. (Approximate 190 K.M.)
7	EOI Reference No.	: 54.01.2600.011.14.016.16
8	Date	: 29.03.2017.
Key Information		
9	Procurement Method	: QCBS [Quality and Cost Based Selection].
Funding Information		
10	Budget and Source of Funds	: Development Budget & GOB.
11	Development Partner (if applicable)	: None
Particular Information		
12	Project/Programme Code (if applicable)	: 5-5131-5033
13	Project/Programme Name (if applicable)	: Feasibility Study with Detail Design and Preparation of Tender Document for Construction of Rail Line from Bhanga Junction (Faridpur) to Payra Port via Barisal. (Approximate 190 K.M.)
14	EOI Closing Date and Time	: 30.05.2017 at 12.30 hours.
15	Information For Applicant:	
a)	<p>Scope of Project Work in brief:</p> <p>i) Feasibility study :-</p> <ul style="list-style-type: none"> • Recommend the best suitable alignment for the project including location of station detail. • Conduct feasibility for the construction of a broad gauge railway link between Bhanga and Payra Port via Barisal. Assess the economic and financial viability of the project. • Prepare Initial Environment Examination report, Environmental Impact Assessment, Environmental Management Plan & Environmental Monitoring Plan etc. • Prepare Social Impact Assessment, Land Acquisition Plan and Resettlement Plan. • Prepare detailed cost estimate based on the detailed engineering design. 	

- Recommend the requirement of manpower for different departments (Civil, Mechanical, Signal, Traffic, Medical, RNB etc.) of BR to maintain and operate the railway line and services.
- Prepare Terms of Reference for construction supervision consultancy services.
- Review of all available relevant reports, documents and studies especially the reports related to Payra Port prepared under Ministry of Shipping.
- Consult with relevant officials of Payra Port, Roads and Highways Department, Bangladesh Water Development Board, Local Government Engineering Department, Bangladesh Soil Research Institute, Bangladesh Geo-morphological Institute or any other relevant departments and organizations as and when necessary.
- Conduct detail soil investigation along the alignment.
- Identify the various technical solution for rail link construction involving track and bridges including signaling facilities such as stations, yard sidings, maintenance sheds etc. with the view of identifying the least cost solution.
- Recommendation for numbers and types of rolling stocks to be procured.
- Prepare specification of
 - Materials to be used for construction of railway, station buildings, office and residential buildings etc.
 - Signalling & Telecommunication System.
- Conduct detail traffic survey and collect both primary and secondary data to find out actual demand of transportation facilities. Analyze the existing traffic of various modes of transports.
- Forecast future traffic (Both Passenger & Goods) duly considering the impact of Payara Port and other development activities of the government and private entities.
- Find out what portion of the future traffic Bangladesh Railway can attract.
- Develop an operational concept plan for the proposed railway.
- Conduct detail Sub-soil investigation along the alignment.
- Conduct Detail Topographic survey using latest technology and equipment's (e.g. RTK- GPS, DGPS, and Total Station etc.). Conduct detailed engineering survey (Aerial survey) and other necessary investigation.
- The consultant will closely coordinate with the survey (hydrographic survey) activities of IWM (Institute of Water Modeling, Bangladesh) and provide suggestions that will be helpful for the project.
- Prepare a Land Acquisition Plan (LAP) with cost that is acceptable to the Government in compliance with the Requisition of Immovable Property Ordinance (1982) of Bangladesh and relevant laws and regulations related to land acquisition and resettlement. Collect CS, RS (Mouza) Maps & other documents and scan & digitize those maps, transfer them to an electronic database and submit to the project authority on tracing cloth duly traced showing the rail route plotted in it and minimum amount of land to be acquired. Submission of a Land Acquisition and Resettlement Plan (RP) for PAPs. The Acquisition of land should be in such way so that provision of doubling of track can be done in future. The cost of land acquisition and resettlement plan (RP) has to be included in the cost estimate.
- Prepare detail cost estimates for the proposed project, showing foreign exchange, local currency, tax and duty elements etc. Cost estimates will be conducted keeping in view of the international trends in price fluctuation and exchange rates, international shipping rates and steel prices, which are undergoing rapid changes.

ii) Detail Engineering Design

- Prepare detail engineering design and drawings of all infrastructures.
- Detail Design of all the structures. This will include design of embankment, railway track, bridge, under pass/overpass/viaduct (if necessary), stations and yards, foot over bridge, water supply system, signaling and telecom, facilities for rolling stocks (carriages, Locomotive, BFCT etc.), residential & functional buildings, other facilities and electrical design of station building and other infrastructures.
- Dynamic analysis of the main bridges, viaducts & other structures should be performed where applicable according to the international best practices where necessary.
- Stability of all the structures should also be checked against earthquake & wind loads where applicable according to the international best practices.

iii) Preparation of Bid Documents

- Prepare bills of quantities (BOQ) of all designed components based on detailed cost estimate. Bill of quantities and tender base prices would be fixed accordingly.
- Preparation of FIDIC based bid documents following international competitive bid (ICB) procedure incorporating the recommendation of Environmental Mitigation Plan (EMP) and Social Impact Assessment (SIA).

iv) Project Preparation

- Prepare a Development Project Proposal (DPP) based on the feasibility study report.

v) Workshop/Seminar

The Consulting firm will arrange at least six (6) workshops/seminars in the entire contract period. The consulting firm will fix the date of arranging workshops/seminars after consultation with the Executing Agency.

vi) Additional Specific Scope of Works:

In addition to the general services to be rendered under the TOR for feasibility study and detail designs following specific scopes of work are to be added –

Assist the executing agency to (i) prepare a Land Acquisition proposal and Environmental Clearance proposal ready to be submitted to the approving authority, (ii) prepare RP and EMP implementation schedule, (iii) knowledge transfer to executing agency personnel for managing and monitoring RP, IPP, EMP and EMoP. The consulting firm will modify/change any documents/drawings prepared by them free of charge if documents/drawings are required to do so during the implementation period of the project, even though contract between the consulting firm/firms and executing agency is concluded.

15.1	Following works will be required to be carried out by the engineering consulting firm. The assignment will include but not limited to the followings:
i.	Review of all available relevant reports, materials, documents and studies;
ii.	Oversee/monitor the task of Detail Topographic Survey, Hydrological and Morphological Study using Mathematical model for Proposed Rail Line Construction from Bhanga Junction (Faridpur) to Payra Port via Barisal to be engaged by Bangladesh Railway Authority.
iii.	Detail responsibilities of the Consultant will be stated in the TOR .
16	Experience, Resources & Delivery Capacity Required:
	The Consulting firm(s) shall be eligible to participate and shall have the following experience and resources but not limited to:
a)	The Consulting firm shall have working experience(s) comprising of conducting similar survey work, investigation & Engineering design.
b)	The Consulting firm shall have adequate number of human resources with experiences relevant to the assignment such as Transport Planner, Structural Engineer, Civil/Roadway Engineer, Transport Economist, Hydrologist, Foundation/Geotechnical Engineer, Survey Engineer, Architect, Environmental Specialist, Resettlement Specialist, CAD Expert having National/International experience;
c)	The consulting firm shall have adequate Physical Resources such as office, sufficient no of vehicles, working equipment, IT facility, Survey equipment, logistical support along with adequate financial capability such as turnover, liquid asset etc. The above mentioned resources are indicative but not limited to.

(d)	The Joint Director General (Engineering) & Project Director, Bangladesh Railway now invites eligible consulting firm(s) to indicate their interest in providing the aforesaid consultancy services along with information indicating that they are qualified to perform the services (Brochures, company's incorporation certificate, Trade license, VAT registration certificate, IT certificate, description of similar assignments, experience in similar operating conditions, availability of appropriate professionals, qualification and experiences of staff suitable and sufficient office space, financial and managerial capabilities etc.).	
(e)	<p>The Expression of Interest (EOI) shall be evaluated on the basis of the following to prepare a short list of:</p> <ul style="list-style-type: none"> • Age of the firm in respect of Registration (Minimum 10 years) & firm's registration certificate should be included. • Brochure(s) containing firm's available facilities, areas of professional/expertise/specialization for the assignment. • Description of similar assignments, Survey, design and supervision for construction of Railway Track, Bridges including overpass/underpass (if any) with documentary evidence. • Experience in similar operating conditions. • Availability of appropriate professionals, qualifications and experienced staffs and availability of adequate resources for the assignment. • Financial and Managerial capacity. <ul style="list-style-type: none"> ▪ Audited financial statement (Balance Sheet, Profit & Loss Account and Cash Flow Statement) for last 5 (five) years; ▪ Annual Average Turnover in the last 5 (five) years; ▪ Adequate Liquid assets/working capital/credit facilities; <p>Interested Consulting firm may obtain further information at the address of Official inviting EOI during normal office hours up to closing date & time for EOI. The intended applicant must submit necessary documentary evidences to demonstrate their experience of similar assignments, experience in similar operating conditions and so on. The applicant is also required to furnish their financial capability.</p>	
(f)	The services for the assignment shall have to be delivered within 18 (Eighteen) months from the effective date of signing the contract for:	
17	Other Details:	
a)	The Consultants (Firm) shall be selected in accordance with PPA/2006 and PPR/2008 as enforced in Bangladesh.	
b)	Expression of Interests (EOI) shall be in closed format mentioning the name & address of the applicant, EOI no. and date and be addressed to the undersigned three sets [One original + Two Copy], 01 (one) marked as "Original" and other as "Copy" in separate sealed envelope in the form of book binding, both the "Original" and "Copy" shall have to cover within a single envelope. The applicant shall mention the page no. serially and signed by authorized representatives in every page of the submitted EOI document.	
18	Association with foreign firm(s):	
	Association in the form of JVCA or Sub-consultancy among qualified firms will be allowed. The formation, operation and obligation of JVCA shall be governed by the Rules -54 of PPR, 2008 as enforced in Bangladesh.	
Procuring Entity Details:		
19	Name of the Official Inviting EOI	: D. N. Mazumder
20	Designation of the Official Inviting EOI	: Joint Director General (Engineering) & Project Director, Bangladesh Railway, Room No. 408, Railbhaban, Dhaka.
21	Address of the Official Inviting EOI	: Office of the Director General Engineering Department Bangladesh Railway, 16, Abdul Gani Road, Railbhaban, Dhaka.
22	Contract Details of the Official Inviting EOI	: Tel: +88-02-9568975, Cell no: +8801711506120 e-mail: (i) jdge@railway.gov.bd (ii) dnmazumder8@gmail.com
23	The Procuring Entity reserves the right to accept any EOI or reject all EOIs.	

(Signature)
29/03/2017

(D. N. Mazumder)
Joint Director General (Engineering)
Bangladesh Railway
Railbhaban, Dhaka
&
Project Director