

গ্যাস জাতীয় সম্পদ। এর অপচয়  
রোধ করে জাতীয় দায়িত্ব পালন করুন।

আসুন, আমাদের সন্তানের জন্য সুখী  
সমৃদ্ধশালী ও দুর্নীতিমুক্ত বাংলাদেশ গড়ি।



বাংলাদেশ গ্যাস ফিল্ডস লিমিটেড  
(পেট্রোবাংলার একটি কোম্পানি)  
**Bangladesh Gas Fields Company Ltd.**  
(A Company of Petrobangla)



Ref. No. BGFCL/3D/EOI/2023/01

Dated: 24/12/2023

Government of the People's Republic of Bangladesh	
1	Ministry/Division : Ministry of Power, Energy & Mineral Resources/Energy & Mineral Resources Division
2	Agency : Bangladesh Gas Fields Company Limited (A Company of Petrobangla)
3	Procuring Entity Name : Managing Director, Bangladesh Gas Fields Company Limited (BGFCL), represented by Project Coordinator (3-D Seismic Survey), BGFCL
4	Title of Service : Local Consultancy Services for 3D seismic survey project under Bangladesh Gas Fields Company Limited (BGFCL)
5	Procuring Entity District : Brahmanbaria
6	Expression of Interest for Selection of : Individual Consultant (National)
7	EOI Ref. No. : BGFCL/3D/EOI/2023/01
8	Date : 24/12/2023
KEY INFORMATION	
9	Procurement Method : Selection of Individual Consultant (SIC)
FUNDING INFORMATION	
10	Budget and Source of Funds : Government of Bangladesh(GoB) & Own resource of BGFCL
PARTICULAR INFORMATION	
11	Name of the Project : 3-D Seismic Survey at Habiganj, Bakhrabad & Meghna Gas Field
12	EOI Closing Date and Time : 09/01/2024 and 11:00 hrs. (BST)
INFORMATION FOR APPLICANT	
13	Brief Description of Assignment : BGFCL is the largest national gas production company in Bangladesh. BGFCL intends to carry out 1450 square kilometer 3D seismic survey at Habiganj, Bakhrabad & Meghna gas fields and adjacent area in order to assess the remaining petroleum potential as well as new prospect identification with in the survey area. BGFCL shall appoint the Bangladeshi Individual Consultants in order to provide the consultancy services for 3D seismic survey project (as stated above). During the implementation of this project, two categories of Local Consultants (3D design and Quality Control Expert & 3D interpretation Expert) shall be engaged on behalf of BGFCL in order to monitor and supervise the project activities and to deliver the appropriate suggestions and recommendations for the improvement of the related services and reports. Engaging national seismic service provider (BAPEX), the BGFCL will execute the acquisition, processing & interpretation of 3D seismic data using state-of-the-art technology for Habiganj Gas Field (305) & adjacent relinquished area (570 sq. Km) and Bakhrabad & Meghna gas fields (575 sq. km). Basin modeling, static modeling & dynamic modeling will also be conducted. The Seismic Service Provider shall, with their own personnel and equipment, delineate different hydrocarbon reservoirs and identify structural and stratigraphic prospects in the area. The emphasis would be given for getting clear and reliable seismic image for the deep petroleum resources upto eight kilometers below the surface. The planned local consultancy service is estimated 11 Man-month (3D Design and Quality Control Expert : 6 man-months & 3D Interpretation Expert: 5 man-months). An individual Consultant shall not submit EOI more than one category. The scope of the consultancy services includes but not limited to the following:



		<ul style="list-style-type: none"> <li>• <b>3D Design and Quality Control Expert: 6 man-months</b> <ul style="list-style-type: none"> <li>- Setting up acquisition parameter.</li> <li>- Seismic line design using <b>Geoland 5.0, OMNI, MESA etc. or other renowned industry standard software</b> to get the desired fold coverage. Preparation of SPS files, shooting order and pickup plan for data recording.</li> <li>- QC of daily shot records and performance of acquisition instrument.</li> <li>- Detection of noisy traces, dead traces, reverses polarity and other ambiguities, if present in the SEG-D and marks them.</li> <li>- Process field data up to Brute stack.</li> <li>- Monitor project activities (Scouting, surveying, shooting, processing, meeting, presentations etc.)</li> <li>- Monitor, discuss and review the related execution plans and reports of the service provider.</li> <li>- Provide necessary related suggestions for improving the execution of the project.</li> </ul> </li> <li><b>3D Interpretation Expert: 5 man months</b> <ul style="list-style-type: none"> <li>- 3D Seismic Data Interpretation, Advanced Seismic Interpretation, Sequence Stratigraphy &amp; Geological Study, Prospect Identification, Evaluation &amp; Ranking including attribute analysis using <b>Petrel, Decision Space, Hampson Russel, Techlog etc. renowned industry standard software.</b></li> <li>- Interpretation of processed section.</li> <li>- 3D structural mapping in time and depth</li> <li>- Attribute analysis, AVO, visualization etc.</li> <li>- Well tie with seismic section</li> <li>- G &amp; G Integration</li> <li>- Prospect identification, Prospect evaluation, Prospect Ranking and Well Planning</li> <li>- Monitor project activities (interpretation, meeting, presentations etc.)</li> <li>- Monitor, discuss and review the related execution plans and reports of the service provider.</li> <li>- Provide necessary related suggestions for improving the execution of the project.</li> </ul> </li> </ul>
14	<b>Experience of Consultant</b> :	<p>The Local Consultant should be specialized in high resolution 3D seismic design, data acquisition and imaging to establish subsurface geological model and reservoir engineering model for hydrocarbon exploration and production in oil and gas sector. The required experience and qualification (but not limited to) of the local Consultants are as follows:</p> <p><b>3D Design and Quality Control Expert</b></p> <ul style="list-style-type: none"> <li>- Shall have minimum Bachelor degree in Geophysics/Geology/Physics/Applied Physics</li> <li>- Shall have at least 10 years of working experience in 3D land seismic Design &amp; QC using <b>Geoland 5.0, OMNI, MESA etc, or other renowned industry standard software.</b></li> </ul> <p><b>3D Interpretation Expert</b></p> <ul style="list-style-type: none"> <li>- Shall have minimum Bachelor degree in Geophysics/ Geology.</li> <li>- Shall have at least 10 years of working experience in 3D land seismic interpretation using <b>Petrel, Decision Space, Hampson Russel, Techlog etc. or other renowned industry standard software.</b></li> </ul> <p>The seismic experiences (3D &amp; 2D) should be mentioned separately. The Bangladeshi individual consultants are eligible to submit EOI. The interested individual Consultant(s) shall submit the hard copies of the EOI (3 copies: 1 original and 2 copies) on any working day (Sunday to Thursday) between 09:00 and 17:00 hrs BST to the address below before the EOI closing time with the following information and documents indicating their eligibility:</p> <ul style="list-style-type: none"> <li>• Curriculum Vitae (following the format which is available in <a href="http://www.bgfcl.org.bd">www.bgfcl.org.bd</a>) of relevant Consultant</li> <li>• Educational qualification</li> <li>• Experiences (seismic acquisition, field processing, seismic interpretation etc.) of the Consultant</li> </ul>



		<ul style="list-style-type: none"> <li>• Mention major industry software and equipment used by the Consultant.</li> <li>• Documents in favor of education and experience</li> <li>• Expected remuneration and benefit (in BD TK) per month</li> </ul> <p>However the interested Consultants may also submit PDF copy (with signature) of the EOIs to <a href="mailto:pd3d@bgfcl.org.bd">pd3d@bgfcl.org.bd</a> and <a href="mailto:pd3d.bgfcl@gmail.com">pd3d.bgfcl@gmail.com</a> before the EOI closing time and it will be considered for evaluation.</p>
14	Other Details	<p>The EOIs will be opened in presence of the participating individuals, if any, on 09-01-2024 at 11:30hrs (BST). In case of any unavoidable circumstances such as strike, civil commotion, natural calamity, govt. declared holiday etc EOIs will be received and opened on the following working day. Upon receipt of EOIs, the interested Consultants that are deemed best suited to perform the assignment will be short-listed. The shortlisted Applicants may be invited for interviews and the selected Applicants will then be invited to negotiate fees or remuneration, reimbursable, the inputs available from the procuring entity etc and subsequently to sign the Contract. This tender would be processed following the PPA-2006 &amp; PPR-2008.</p> <p>The aforesaid EOI document is available at the BGFCL's official website <a href="http://www.bgfcl.org.bd">www.bgfcl.org.bd</a>, Petrobangla Website: <a href="http://www.petrobangla.org.bd">www.petrobangla.org.bd</a> and CPTU Website: <a href="http://www.cptu.gov.bd">www.cptu.gov.bd</a></p>
<b>PROCURING ENTITY DETAILS</b>		
15	Name of Official Inviting Expression of Interest	Sheikh Moktadir Hossain
16	Designation of the Official Inviting EOI	Project Coordinator
17	Address of Official Inviting Expression of Interest	Project office of Coordinator Bangladesh Gas Fields Company Limited (BGFCL) Titas Loaction-A Ghatara, Brahmanbaria-3400, Bangladesh.
18	Contact details of Official Inviting EOI	Mobile: 01787677859, E-mail: <a href="mailto:pd3d@bgfcl.org.bd">pd3d@bgfcl.org.bd</a> or <a href="mailto:pd3d.bgfcl@gmail.com">pd3d.bgfcl@gmail.com</a>
19.	Place of receiving and opening of EOI Proposals	Bangladesh Gas Fields Company Limited (BGFCL) Liaison Office, Petrocentre(14 <sup>th</sup> Floor) 3 kawran Bazar C/A Dhaka-1212, Bangladesh
BGFCL will not be responsible for any costs or expenses incurred by the applicant in connection with the preparation or submission of EOI		
BGFCL reserves the right to accept or reject any or all application(s)		

 24.12.2023

(Sheikh Moktadir Hossain)  
Project Coordinator