



# PADMA OIL COMPANY LIMITED

## (A subsidiary of Bangladesh Petroleum Corporation)

### INVITATION FOR EXPRESSION OF INTEREST (INTERNATIONAL) FOR SELECTION OF CONSULTING FIRM FOR AUTOMATION OF MAIN INSTALLATIONS OF THREE OIL MARKETING COMPANIES (POCL, MPL & JOCL)

1	Ministry/Division	Ministry of Power, Energy and Mineral Resources / Energy and Mineral Resources Division	
2	Agency	Bangladesh Petroleum Corporation (BPC)	
3	Procuring Entity	Padma Oil Company Limited, Strand Road, Sadarghat, Chittagong, Bangladesh.	
4	Procuring Entity	Chittagong, Bangladesh	
5	Expression of Interest for	Selection of Consulting firm for providing consulting Services for Automation of Main Installations of Three Oil Marketing Companies at Patenga , Chittagong, Bangladesh. The three oil marketing companies are 1) Padma Oil Company Limited(POCL); 2) Jamuna Oil Company Limited (JOCL)and 3) Meghna Petroleum Limited(MPL).	
6	Title of Service	Feasibility Study for Automation of Oil Installations of Three Oil Marketing Companies at Patenga , Chittagong.	
7	EOI Ref. No.	<b>PD/MI-23/EOI/P-21/17-18</b>	
8	Date	<b>13/08/2017</b>	
<b>KEY INFORMATION</b>			
9	Procurement Sub-Method	<b>Quality &amp; Cost Based Selection (QCBS) Method under RFP( Request for Proposal )</b>	
<b>FUNDING INFORMATION</b>			
10	Budget and Source of Funds	Own Sources of Padma Oil Company Limited, Jamuna Oil Company Limited and Meghna Petroleum Limited	
<b>PARTICULAR INFORMATION</b>			
11	Project Name	<b>Feasibility Study for Automation of Main Installations of Three Oil Marketing Companies at Patenga , Chittagong, bangladesh.</b>	
12	EOI Closing Date and Time	Date	Time and Place
		25/09/2017	1500 Hrs ( Bangladesh Time), Office of the DGM (projects), HO, Ctg, Strand Road, Sadarghat, Chittagong, Bangladesh.
<b>BRIEF DESCRIPTION OF THE ASSIGNMENT.</b>			
13	<b>a) Background</b>	<p>A computerized automation system is envisaged for the Main Installations/Terminals of three Oil marketing Companies (POCL, MPL &amp; JOCL) situated at Potenga, Chittagong, Bangladesh. These companies are subsidiaries of Bangladesh Petroleum Corporation(BPC). At present annual demand of petroleum products in Bangladesh is about 5.5 million M.Tons. BPC procures various grades of petroleum products to meet the demand of the country and these petroleum products are distributed throughout the country by its subsidiaries.The marketing networks of each company consist of one Main Installation (MI)/terminal at Chittagong, each has 16 up-country depots and more than 700 Filling Stations scattered throughout the country. Details functioning of the companies may be found at <a href="http://www.pocl.gov.bd">www.pocl.gov.bd</a>, <a href="http://www.jocl.gov.bd">www.jocl.gov.bd</a> &amp; <a href="http://www.mpl.gov.bd">www.mpl.gov.bd</a> . The basic operation of these Main Installations/ Terminals is to receive, store &amp; dispatch various types and grades of petroleum products (Gasoline/SKO/Jet A-1/HSD/JBO/HSFO etc) . The petroleum products are received in the Tanks from Import Tankers &amp; Eastern Refinery Limited (ERL) through pipeline /Tank wagons unloading / Tank Trucks or its combination and distributed through Tankers / Tank wagons / Tank Trucks. There are 57 nos storage tanks having total capacity of 149000 MT in Main Installation of POCL and its annual despatch of around 1660000 MT of all products. There are 34 nos storage tanks having total capacity of 125000 MT in Main Installation of MPL and its annual despatch of around 1500000MT of all products. There are 19 nos storage tanks having total capacity of 83200 MT in Main Installation of JOCL and its annual despatch of around 1280000 MT of all products. At present as a part of Automation , Rader Type Auto Tank Gauging system has been installed in a numbers of Storage Tanks in Main Installaton/Terminal of POCL (34 nos),MPL(27 nos)&amp;JOCL(15 nos). Delivery system is done through manually operated product flow meters.</p> <p>On Broad terms, the activities which shall be controlled by the terminal automation system are- (a) Receipt of Petroleum products from import tankers and ERL (b)Tank Truck Loading / unloading ,(c)Tank Truck Entry &amp; Access Control, (d)Tank Wagon Loading and Unloading, (e) Inland tanker Loading and Unloading, (f) Tank Farm Management,(g) Pump house Operations,(h)Fire Engine &amp; Jockey Pump Operation, Fire Alarm system,(f)Management Information System,(i)ERP interface and Terminal Security etc.</p>	

<b>b) Objectives</b>	<p>The companies now intend to appoint a international reputed consulting firm from Countries (Except countries with whom Bangladesh has no trade relation) to carryout detailed Feasibility Study with a view to setting up a computerised automation system at Main Installations/terminals of these companies. Consultant's scope of work includes but not limited to the following :</p> <p><b>i)</b> Overview of existing facilities and operational processes of Main installations of three oil marketing companies. <b>ii)</b> Advise for modification of existing facilities and operational processes to receive petroleum products from oil Installation of ERL, Import Tankers, Import Pipeline (SPM). <b>iii)</b> Determination of level of automation required in different areas such as Tank farm, Pump House, Loading/Unloading system of Tank Lorry/Tank wagon/Tanker etc, ETP Status at all Installations. <b>iv)</b> Studies and optimization, Perform the Front End Engineering Design (FEED) including PLC with SCADA, P&amp; ID. <b>v)</b> Preparation of detailed technical specifications of all equipment as required, Bill of materials and Schedule of Requirements (price Schedule). <b>vi)</b> Preparation of project budget to an accuracy of +/- 10% taking in consideration of all mechanical, electrical, control and instrumentation. <b>vii)</b> Preparation of bidding document to call tenders for an EPC/Turnkey contract as per Public Procurement Act &amp; Procedures conditions (PPR-2008), to carry out the proposed developments. <b>viii)</b> Provide assistance during evaluation of the bid proposals, and up to award of the EPC/Turnkey contract to a suitable contractor. <b>ix)</b> Supervision of Implementation of Automation, Testing and Commissioning by EPC as PMC.</p> <p>Please note that the deliverables by the consultant shall be provided to individual company for its individual installation.</p> <p>Finally, the objective of the project is to develop a digital system to automatically control operations of apparatus, process, or system by mechanical or electronic devices that take the place of human organs of observation, effort, and decision. The objectives are to ensure a) increased accountability b) Decreased operating costs c) Compliance to environmental regulations d) long lasting services e) increased safety f) high security g) Optimum accuracy and increased productivity.</p>
<b>DOCUMENTS TO BE SUBMITTED ALONG WITH EOI</b>	
<b>14</b>	<p>a) Background of the firm(s) with general and overall experience including company's brochure.</p> <p>b) Summary of experience of the firm(s) in similar nature of works completed during the last 15 (fifteen) years and currently in progress with total cost of such project, dates of start and completion.</p> <p>c) Completion Certificates of at least two number of works of the same nature in any Petroleum Oil Installations having storage capacity of at least one hundred thousand M.Ton, out of which one must be done in USA / Canada /Australia /Japan/ Western Europe in last ten years.</p> <p>d) Availability of appropriate skilled staff (list of relevant professional staff, their qualification and experience)</p> <p>e) Availability of resources and demonstration of capacity to carry out such assignment. Appropriate skilled staff (list of relevant professional staff, their qualification and experience)</p> <p>f) Company's incorporation certificate, trade license, VAT registration certificate, Income Tax certificate, Bank solvency certificate, minimum three years audit report / turnover report of the company.</p>
<b>OTHER DETAILS</b>	
<b>15</b>	<p><b>Instructions</b></p> <p><b>a)</b> Submission of EOI should be done in closed format bearing the name and address of the applicant, EOI No. and date and be addressed to the EOI issuing authority in 4 (four) copies; 01 (one) marked as "ORIGINAL" and others 03 (three) as "COPY" in separate envelope in the form of book binding. Both the "ORIGINAL" and "COPY" shall have to be inserted in a single envelope. <b>b)</b> The application along with the necessary documents shall be submitted on or before 25/09/2017 <b>c)</b> Short list will be made upon receipt of EOIs and subsequent evaluation. Request for proposal (RFP) documents will be sent to the short listed applicants. <b>d)</b> Any joint venture / consortium / association shall not be allowed. <b>e)</b> This EOI notice will be available at BPC website :www.bpc.gov.bd; POCL website :www.pocl.gov.bd, JOCL website:www.jocl.gov.bd , MPL website : www.mpl.gov.bd and CPTU website:www.cptu.gov.bd.</p>
<b>16</b>	Name of Official <b>MD. AMINUL HAQUE</b>
<b>17</b>	Designation of Deputy General Manager (Projects)
<b>18</b>	Address of Official Strand Road, Sadarghat, Chittagong, Bangladesh.
<b>19</b>	Contact details of Telephone: +88-031-621399, E-mail: haminul38@yahoo.com
<b>20</b>	<b>The procuring entity reserves the right to accept or reject any/all tenders without any reason what so ever.</b>