

	EXPRESSION OF INTEREST	P&S-F-03-01	
		Date:01/08/2017	Rev No. 0
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Supply, Installation, Testing and Commissioning of Smart Metering for LPG cylinders

Pakistan State Oil Company Ltd. (PSOCL), the country's largest oil marketing company, intends to create a networked LPG distribution system across Pakistan by leveraging IoT and quick commerce solutions. In this regard, PSOCL invites Expression of Interest (EOI) from parties capable of providing Smart Metering for LPG cylinders in Karachi, Pakistan.

The successful applicant(s) are required to submit a complete viable proposal considering the economics and benefits to PSOCL. Smart Meters must be enabled to offer the following features:

- A. Smart Meters should be sized to fit within the shroud of an LPG cylinder and connect to the cylinder valve
- B. Have a communications module to enable real time information flow between the customer/cylinder and the company's servers without human intervention
- C. Allow customers and the company to keep track of their exact gas consumption and enable automatic scheduling of cylinder delivery
- D. GPS enabled in order to provide precise geolocation data., allowing the company to track cylinders and their contents throughout the journey from the filling plant through the distribution channel to the consumer and back, ensuring the integrity of the LPG in the cylinders

Reputable companies with proven track record of providing, installing and/or operating smart metering technology and having sound financial standing are encouraged to participate in the EOI. Interested parties applying for the EOI shall, inter-alia, satisfy the following minimum technology criteria:

"Minimum Criteria"

To enable the aforementioned features, the Smart Meters will have the following capabilities:

1. IoT and Machine to Machine connectivity
2. High precision metering of gas consumption by the gram
3. Monitoring of gas level and consumption by LPG consumer
4. Monitoring of gas level and consumption by LPG provider (remote monitoring)
5. Location tracking
6. Remote on/off capability of gas flow
7. Dynamic data integration capability
8. Anti-theft and anti-tampering provisions

"Compatibility Criteria"

Given the current cylinder standards in Pakistan, the Smart Meters will be compatible with the following:

1. Meters should be installable on steel as well as composite cylinders
2. Compliant with DOT 4B for steel cylinders
3. Compliant with ISO 11119-3, BS EN14427 and BS EN 12245 for composite cylinders
4. Compatible with cylinder valve M26X1.5 with safety relief valve

Interested applicants satisfying the Minimum Criteria and Compatibility Criteria may apply and submit their proposal on SAP Ariba Link mentioned ahead: <http://discovery.ariba.com/rfx/13652058>

EOI Collection & Submission Timelines:

	DATE	TIME
EOI COLLECTION (THROUGH SAP ARIBA) DATE & TIME	01.08.2022 to 30.08.2022	08:30 AM to 04:30 PM
EOI SUBMISSION (THROUGH SAP ARIBA) END DATE & TIME	31.08.2022	Till 02:15 PM
EOI OPENING (THROUGH SAP ARIBA) DATE & TIME THE EOI WILL BE PUBLICALLY OPENED VIA ZOOM LINK.	31.08.2022	03:00 PM ONWARDS

The EOI shall include the following details:

1. Sponsor's name, profile, and country of origin (in case of foreign applicant).
2. In case of partnership/Joint Venture details of both principal (major) and secondary (minor) shareholders/partners (names, nationality, registered office addresses and contact numbers)
3. Contact details of at least two key representatives (names, designations, email addresses, and contact numbers).
4. Affidavit/Understanding on Company's letterhead stating the fulfilment of the minimum criteria.
5. List of companies previously worked with locally and globally in the technology domain
6. Briefing of projects executed successfully in past few years in order to boost their proposal with no details required for sharing the confidential information

Any EOI received after the due date or in an incomplete form, shall not be entertained.

PSOCL reserves the right to accept or reject any or all of the EOIs and/ or annul the entire EOI process without assigning any reasons whatsoever. In no circumstances will PSOCL be liable for any cost, expense, loss, claim or damage arising out of or in connection with an applicant's preparation and participation in this EOI process, or any subsequent request thereto.

The issuance of this EOI or the submission of the response does not give rise to any commitment or legal relationship between PSOCL and / or applicant.

This advertisement is also available on PSO website www.psopk.com/procurement and PPRA website www.ppra.org.pk

The bidders are urged to visit PSO & PPRA websites regularly for any further changes that may be updated by the Company, from time to time, keeping in view the ongoing situation caused by the Corona virus (COVID-19).

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