



# Pakistan Petroleum Limited

12:02 Pakistan Time

**Date & Time Of Print: 22/03/2022 12:02:03 - Time Zone: Pakistan Time**  
**Buyer Organisation: Pakistan Petroleum Limited**

## OVERVIEW

Code	rfq_20820
Title	PD/MEC/PT/20820/22 - 0010184199/GMST - Supply of Thermal Mass Insertion Flow Meter for Flare Gas (Press)
Description	
Status	Running

## RFQ SETTINGS

Online Response Required:	Yes
Event Currency	USD
Allow Bidding Group Response	No
Publication	10/03/2022 10:39:05
Closing	31/03/2022 15:00:00
Time Limit for Expressing Interest	31/03/2022 15:00:00
Awarding Strategy	Best Price

## ATTACHMENTS

Path	Description	Folder Size		
root (5)		22,179 KB		
Filename	Downloadable	Last Modification Date	Description	File Size
Guidlines for Visitors.pdf	Yes	21/02/2022		18,958 KB
Instructions, T&Cs for Procurement of Materials.pdf	Yes	21/02/2022		392 KB
Instructions, T&Cs for Procurement of Services.pdf	Yes	21/02/2022		953 KB
Supplier User Guide - Responding to Online Tenders_1.pdf	Yes	21/02/2022		1,220 KB
Supplier User Guide - Using the Messaging Tool_1.pdf	Yes	21/02/2022		658 KB

## ENVELOPES

Qualification Envelope	No
Technical Envelope	Yes
Commercial Envelope	Yes

## TECHNICAL ENVELOPE

General Attachments
Allowed

## TERMS:

Question	Description	Question Type
DELIVERY:	DELIVERY:	Text
BID VALIDITY	BID VALIDITY (90 Days)	Date

## QUESTIONS RELATED TO ITEM SPECIFICATIONS:

Question	Description
NOTE	Below is the list of required items. Respond if you are quoting for same specs or a variant. VENDOR TO PROVIDE TECHNICAL LITERATURE / BROCHURE / DATA SHEET WITH TECHNICAL BID

Question	Description	Question Type
0010184199-99-00010	<p>Thermal Mass Insertion flow meter for Flare gas (Probe Type)</p> <p>Operating conditions:  Flow in MMscfd: 0-60 MMSCFD  Temperature F: -40 to 250 F  Pressure PSI: 0-15 psig  Line Dia: 14"  Ambient temperature F: 0 -125</p> <p>Estimated composition of flare gas in mole%:  Methane = 13%  Ethane = 1.5%  Propane = 0.6%  Butane = 0.2%  Pentane =0.1%  CO2 = 72.6%  N2 = 12%</p> <p>PERFORMANCE SPECS:  Input Power: 24 VDC , 100-240, VAC 50-60 Hz  Output Power: 4~20mA, Dual, with the input to customer's PLC/DCS.  Remote Display: Build-in LCD display consisting of two lines each minimum 14 characters  Parameters on display: Pulse output setting, pipe/duct area, zero flow cutoff and alarm settings , flow rate, flow total, temperature, and elapsed time  Units of measurement: MMSCFD</p> <p>Certification / approval: CE, FM/FMc, ATEX, and IECEx  Accuracy: ±1.0 percent of reading, ±0.2 percent of full scale  Response Time: 1 second to change in flow  Repeatability: Full scale: ±0.2%  Enclosure rating: NEMA 4X enclosure (IP66)  Interconnecting cable: 100ft with glands on both ends</p> <p>MAKE: UK / USA / EUROPE OR EQUIVALENT.</p>	Option List

### COMMERCIAL ENVELOPE

General Attachments
Allowed

### TOTAL MATERIAL VALUE WITH SURCHARGES

Code	Description	Last PO No / Date / Item Remarks	Unit of Measurement	Quantity
	Freight / Handling / Packing (if any)		LUMP SUM	1

### CONFIRM FOLLOWING AS PROVIDED IN THE BID

Question	Description	Question Type
Delivery Period	Delivery Period	Text
Bid Validity	Bid Validity (90 days)	Date
Delivery Terms	Delivery Terms	Text
Country of Origin	Country of Origin	Text
Port of Shipment	Port of Shipment	Text
Payment Terms	Payment Terms [LC / CAD / Net 30 days]	Text
NOTE for Selecting Payment Terms as CAD / NET-30	Original documents comprising of invoice, packing list & AWB / BL should be consigned in the name of bank from whom the bank contract issued; submit thru banking channel and advise us the tracking no. with details. Original documents will be released to us for clearance after negotiation and release of Vendor payment by bank. Scan copy of documents should also be forwarded to the email ID's being mentioned in PO.	Text

### LIST OF MATERIALS

Code	Description	Last PO No / Date / Item Remarks	Unit of Measurement	Quantity
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0010184199-99-00010	Thermal Mass Insertion flow meter for Flare gas (Probe Type)  Operating conditions: Flow in MMscfd: 0-60 MMSCFD Temperature F: -40 to 250 F Pressure PSI: 0-15 psig Line Dia: 14" Ambient temperature F: 0 -125  Estimated composition of flare gas in mole%: Methane = 13% Ethane = 1.5% Propane = 0.6% Butane = 0.2% Pentane =0.1% CO2 = 72.6% N2 = 12%  Detailed Specs mentioned in Technical Envelope		EA	2
Sales / Services Tax %	Total (Inclusive Sales Tax)			
Section total included in total?				Yes