

ADDENDUM-I

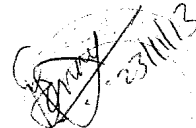
Nov. 23, 2013

Ref. Tender No. BGL/234/2013-14 dated 11.11.2013

Sub: Tender for Procurement of Mass Flow Meters (MFMs) for CNG STATIONS Hyderabad

This is for general information to all bidders.

Sr No	Section Detail	Page No.	Point No.	Tender Description	Shall be read as
1	vol II of II	15 of 22	1.9	Vendor shall calibrate each Mass Flowmeter at his shop or any recognized test house with the fluid (Use design process conditions) for which it is to be used as per Clauseno.9 of MPMS (Draft standard Nov.2000).In case it is not possible to calibrate the MassFlow meter with actual fluid.Vendor must indicate.	Vendor shall calibrate each Mass Flowmeter at his shop or any recognized test house with the fluid (Use design process conditions) for which it is to be used as per per Clauseno.9 of MPMS (Draft standard Nov.2000) or as per ISO 4185 STD.In case it is not possible to calibrate the Mass Flow meter with actual fluid, Vendor must indicate.
2	II of II	15 of 22	1.1	IP 65	IP67
3	II of II	16 of 22	1.10-b	Certificate of radiography/ x-ray for any welded joint.	Certificate of Radiography / X-ray for any welded joint to be submitted if available


23/11/13

Sr No	Section Detail	Page No.	Point No.	Tender Description	Shall be read as
4	II of II	17 of 22	2.2	Specifications of MFM transmitter (Coriolis MVD Flow & density transmitter):& Wherever MVD is mentioned , elsewhere in the tender	Specifications of MFM transmitter (Coriolis Flow & density transmitter):& MVD stands deleted
5	II of II	17 of 22	2.2.c	Power: 18 to 100VDC and 85 to 265VAC; self-switching.	Power: 85 to 265VAC
6	II of II	17 of 22	2.2.i	Software Options 1: Petroleum measurement	Deleted
7	II of II	17 of 22	2.2.j	Software Options 2: Weights & Measures custody transfer & meter verification	Software Options 2: Weights & Measures custody transfer, meter verification , hardware locking & software locking arrangements required
8	II of II	17 of 22	2.1.c	Process Connections: 3/4-inch NPT female adapter ; CAJON	Process end connections required : 3/4" OD X 3/4" OD ; if MFM come with 3/4" NPT female adapter ; CAJON / 3/4" NPT female , then 2 nos of Male connectors of 3/4" NPTM X 3/4" OD SS fittings of required pressure ratings are to be supplied by the vendor along with MFM
9	vol II of II	18 of 22		Mass Flow Meter shall have diagnostic facility to check live zero, configurable parameter, constants etc.through Laptop.	Mass Flow Meter shall have diagnostic facility to check live / dynamic zero, configurable parameter, constants etc.through Laptop.
10	vol II of II	18 of 22		Zero Stability : 0.009 kg/min	Zero Stability : 0.01 kg/min or better

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23/11/13

Sr No	Section Detail	Page No.	Point No.	Tender Description	Shall be read as
11	vol II of II	18 of 22		Ambient Temperature limits : - 40 to + 60 deg.celcius	Ambient Temperature limits : - 20 to + 60 deg.celcius
12	vol II of II	18 of 22		Enclosure : IP65 , NEMA 4 & Ex. Proof	Enclosure :IP67 NEMA4 & Ex. Proof for transmitter and sensor
13	vol II of II	18 of 22		Caliberation Traceceability -NIST	Caliberation Traceceability -NIST/NMI/PTB/ISO/IEC 17025
14	vol II of II	19 of 22	4.1	Mass Flow Meter Details: Sensor (12) Enclosure -- WP to IP 65 & Transmitter (21) Enclosure -- FLAMEPROOF + WP (IP65) & Wherever IP65 is mentioned elsewhere in the tender	Mass Flow Meter Details: Sensor (12) Enclosure -- WP to IP 67 & Transmitter (21) Enclosure -- FLAMEPROOF + WP (IP67) & to be read as IP67

Bidder shall take in to account the above while submitting their bid.

The Addendum – I shall form the integral part of the tender document.

All other Terms and Conditions of the tender document shall remain unaltered

**For and on Behalf of
M/s. Bhagyanagar Gas Limited**


**Bonny K Joseph
Dy.Manager (C&P)**