

**CORRIGENDUM-1**  
**TENDER NO.: AGL/423/T2/ GAS LEAK SURVEY /2023-24**

**PRE BID QUERIES**

Sr. No	Page No	Tender Point	Tender Description	Bidder's query	AGL Reply/Remark
1	35 of 82	2.0 Scope of Work Point no. 3	Contractor has to ensure that sample gas must be pumped into the instrument at every 50 m intervals through surface opening along the underground AGL Gas pipeline network route. Gas Leak survey shall be carried out through infrared optical gas detection system on available surface opening (curbs lines, manholes, power or telephone duct opening, etc). If underground MDPE Network surface don't have sufficient surface opening for taking Gas into instrument, then contractor has to make sufficient surface opening at required depth through plunger bar. At high probability Gas leak points sample gas must be pumped into instrument through surface opening irrespective of 50 m intervals criteria. Further, Sample gas must be pumped into instrument at min. 50 m intervals but interval distance may be reduced at high probability leakage area as directed by AGL EIC.	Sample sucking is the continuous process. DP-IR named machine has a inbuilt suction pump which sucks the sample air from the surface all time after turning on it. Needless to mention "Contractor has to ensure that sample gas must be pumped into the instrument at every 50 m intervals through surface opening along the underground AGL Gas pipeline network route". It is pertinent to mention that Plunger bar is used only against the soft soil to take the sub surface readings when DP-IR detects any suspected leaks during the walk survey using the Survey Probe. In case of Paver block, RCC roads, Bitumin road etc., a hole will be done by the AGL team using the chisel to get the access for using plunger bar.	50 m interval specified is tentative. However, based on surface condition and EIC directives interval may vary from 40 to 60 meters. In case of leakage detection interval may be further reduced as per site condition. In case of hard surface AGL team will execute excavation & subsequent restoration as per discretion of EIC.
2	35 of 82	2.0 Scope of Work Point no. a)	Underground utilities shall not damage	As we may be new for all the areas at Pithampur where the survey has to be carried out. Now a days, it has been observed that different utilities that lay underground. Hence, the repair scope of any utilities will be in AGL scope, in case of any.	In case of any damage, AGL will ensure to repair the damage by own or through utility owner itself. However, for any claim of amount the bidder has to take the responsibility.
3	36 of 82	2.0 Scope of Work Point no. b), 1	2.0 Scope of Work Point no. b), 1 Contractor has to restore the ground and sub ground surface as its original condition after completing the gas leak survey.	We need not any excavation work for Gas Leak Detection Survey. Except we use plunger bar for sub surface reading which makes only 10 mm 18" hole at spot.	In case of hard surface AGL team will execute excavation & subsequent restoration as per discretion of EIC.
4	36 of 82	2.0 Scope of Work Point no. b), 2	Gas Leak Survey shall be carried out on 100% underground MDPE Network (Mains & service line) of Pithampur Area (Detailed Network details will be provided to contractor after award of work order).	It is understood that the Leak Survey has to be done on Main lines and service lines only.	Bidder understanding is correct. Total Main Line Network (180mm, 125mm & 633 mm) length is 78 Km (Approx.). Total Service Line Network (32mm & 20mm) Length is 2 Km (Approx.).
5	36 of 82	2.0 Scope of Work Point no. b), 6	The data collected during survey shall be include but not limited to: Date, Time, location, chainage, GPS co-ordinates of gas leak points & detailed drawing of gas leak points.	UG Leak Photos, UG Leak Videos, UG Leak Co- ordinates will be provided. Drawings???	Detailed drawing (In form of line diagram/Graph) of Gas Leak points shall be required to identify the exact location after survey.
6	36 of 82	2.0 Scope of Work Point no. b), 7	If Min. 25 Nos. of Gas Leak Point (for 180mm to 63mm MDPE mains pipeline) identified in 80 KM, then 100 % value of Gas Leak Survey Length will consider for billing. If less than 25 Nos. Gas Leak point identified, then only 80% value of Gas Leak Survey length will consider for billing. Gas leak points identified in 32mm & 20mm Service line network, near TF portion & above ground G.I Piping network will not consider in min. Gas leak point identified criteria but contractor has to ensure to identified the Gas leak points in whole network.	As a survey company, we don't assure about any leak nos. that we will detect prior to survey. As, "2.0 Scope of Work Point no. b), 2" itself says "Gas Leak Survey shall be carried out on 100% underground MDPE Network (Mains & service line) of Pithampur Area". It is understood that GI piping is not the part of Gas Leak Survey.	Gas Leak survey shall be carried out on 100 % underground MDPE Network. However, no needs to carry out Gas Leak survey of G.I Piping.
7	36 of 82	2.0 Scope of Work Point no. b), 7	Network Diameter Wise Min. Gas leak point shall be identified in every 5 km of Gas pipeline patch as per below table. If contractor fails to identified the leak point in 5 Km patch/portion, then contractor has to resurvey the whole 5 km Gas Pipeline patch. Entire 80km network shall be covered in same manner	As a survey company, we don't assure about any leak nos. that we will detect prior to survey. We may do resurvey on chargeable basis, if AGL wishes to do so.	The requirement of re-survey shall be in exceptional cases and will only be executed after detailed technical discussion with EIC. However, if executed will not be on chargeable basis.
8	36 of 82	2.0 Scope of Work Point no. b), 10	Gas Leak Survey shall be carried out by finalization of schedule on mutually agreed dates.	Need continuous work, after getting the LOA from AGL.	AGL intends to execute work as soon as possible on continuous basis. However, the schedule shall only be hampered in exceptional cases.

**CORRIGENDUM-2**  
**TENDER NO.: AGL/423/T2/ GAS LEAK SURVEY /2023-24**

**PRE BID QUERIES**

Sr. No	Page No	Tender Point	Tender Description	Bidder's query	AGL Reply/Remark
9	37 of 82	2.0 Scope of Work Point no. b), 15	Exact location, size and ppm of Gas Leak point of the pipeline shall be identified by Gas Leak survey. CONTRACTOR has to quantify and categorize the Gas Leak points in the terms of PPM as Minor/Moderate/Heavy Gas Leak.	Location: it may vary 1-2 meter depending upon the site condition. Size: we may provide in case of damage. It is understood that Leak size/dia can't be given in such cases where the leaks are from fusion joint. ???	In case of leakage detection at fusion point, the higher size diameter should be specified in report and leakage location may vary by 1-2 meters.
10	37 of 82	2.0 Scope of Work Point no. b), 16	The probability of identification of Gas Leak point will be 80%. In case of mismatch of the reported Gas Leak points and dig/field verification found more than 20% for a particular pipeline segment the CONTRACTOR has to re-survey the entire segment without any time and cost implication to AGL.	Need More Explanation	The leakage identified by the vendor should be in existence and will be verified by exposing of line at the leakage spot. In case of fake leakage location identified by vendor is more than 20% of total identified leakage, re-survey is to be conducted with No additional cost.
11	37 of 82	2.0 Scope of Work Point no. b), 18	Preparation of the detailed reports of the entire survey work in tabulation form as well as in graphical form. The soft copy of the reports shall be GIS package / platform compatible.	Need More Explanation	Report in excel format specifying all identified leakage points along with their geo-coordinates is to be submitted.
12	37 of 82	2.0 Scope of Work Point no. b), 20	Location wise summary of Gas Leak Survey carried out that includes date of start & end, Gas Leak point details (Date, Time, location, chainage , GPS co-ordinates of gas leak points & detailed drawing of gas leak points).	Need More Explanation	Report in excel format specifying all identified leakage points along with their geo-coordinates is to be submitted.
13	37 of 82	2.0 Scope of Work Point no. Payment Terms	NOTE: If Min. 25 Nos. of Gas Leak Point (for 180mm, 125mm, 63mm MDPE mains pipeline) identified in 80 KM, then 100 % value of Gas Leak Survey Length will consider for billing. If less than 25 Nos. Gas Leak point identified, then only 80% value of Gas Leak Survey length will consider for billing.	As a survey company, we don't assure about any leak nos. that we will detect prior to survey.  Invoice will be submitted on actual basis and payment shall be made accordingly.	The clause is revised as below. NOTE: If Min. 15 Nos. of Gas Leak Point (for 180mm, 125mm, 63mm MDPE mains pipeline) identified in 80 KM, then 100 % value of Gas Leak Survey Length will consider for billing. If less than 15 Nos. Gas Leak point identified, then only 80% value of Gas Leak Survey length will consider for billing.

**This Corrigendum-1 forms an integral part of the TENDER NO.: AGL/423/T2/ GAS LEAK SURVEY /2023-24 and a copy of the same is to be submitted along with the Bid.**