



REPLY TO BIDDER'S QUERIES

Supply of various equipment's required for steel pipeline O&M related activities

(IGL E-TENDER NO. IGL/ET2/CP/CP17771)

S.No.	Tender Page No.	Tender Clause No	Requirement as per tender	Query/Clarification	IGL Remarks
1	Page 65	Clause No. 3Technical Compliance Data Sheet sub-clause 3.1 Part-A (Pipeline locator cum defect mapper kit)	The Pipeline Defect Mapper should be designed and developed in such a way to precisely locate and assist in evaluating coating defects of Cathodically Protected underground pipelines. The profile current to be applied at rectifier unit or any CP point for the measurements by rugged hand-held receiver. Results should be in the form of graphs (plots) which can be viewed on receiver's colour display.	Amendment in Technical Specification: The Pipeline Defect Mapper should be designed and developed in such a way to precisely locate and assist in evaluating coating defects of Cathodically Protected underground pipelines. The profile current to be applied at rectifier unit or any CP point for the measurements by rugged hand-held receiver. Results should be in the form of graphs (plots) which can be viewed on receiver's display or in PDA display supplied with the unit	Refer Corrigendum-4
2	Page 65	Clause No. 3Technical Compliance Data Sheet sub-clause 3.1 Part-A (Pipeline locator cum defect mapper kit) - A1	Should have In-Built Transmissive, 16-bit Color, High Visibility 4.3"/10cm LCD	Should have In-Built Transmissive, 16-bit Color/ Monochrome High Visibility 4.3"/10cm LCD	Refer Corrigendum-4
3	Page 65	Clause No. 3Technical Compliance Data Sheet sub-clause 3.1 Part-A (Pipeline locator cum defect mapper kit) - B2	Should have Colour coded EM Response in Green, Blue and Red colour	This is an OEM specific parameter. As RD provides Monochrome display colour coding is not available. Although field distortion can be analyse through rapid peak (bar graph) and null response (Arrow). Additional RD provides overload alert in case of distortion	Refer Corrigendum-4
4	Page 65	Clause No. 3Technical Compliance Data Sheet sub-clause 3.1 Part-A (Pipeline locator cum defect mapper kit) - B4	Should display GPS Coördinates on receiver's display	Should display GPS Coördinates on receiver's / PDA's display	Refer Corrigendum-4
5	Page 65	Clause No. 3Technical Compliance Data Sheet sub-clause 3.1 Part-A (Pipeline locator cum defect mapper kit) - B8	Locate information with GPS Co-ordinates should be able to export in .kml, .txt, .xls, .shp, .csv file format to external devices such as Laptop/desktop with USB cable	Locate information with GPS Co-ordinates should be able to export in .kml, .xls, .csv file format to external devices such as Laptop/desktop with USB cable	Refer Corrigendum-4
6	Page 65	Clause No. 3Technical Compliance Data Sheet sub-clause 3.1 Part-A (Pipeline locator cum defect mapper kit) - B9	Should have two sets of Omni directional 3D antennas and Low frequency field sensor foot	OEM specific parameter. RD provides proportional Left/Right Arrow. OEM specific parameter. Both antenna arrangement provides precision value	Refer Corrigendum-4, subject to desired accuracy in locating to be checked during field trial.
7	Page 66	Clause No. 3Technical Compliance Data Sheet sub-clause 3.1 Part-A (Pipeline locator cum defect mapper kit) - B13	Should have Vector locate mode for Offset locate with depth and offset distance	Remove the same	Tender Condition Prevails.
8	Page 66	Clause No. 3Technical Compliance Data Sheet sub-clause 3.1 Part-A (Pipeline locator cum defect mapper kit) - B14	Should have Transverse Graph for analysing signal quality of Null and Peak Antennas	Remove the same	Refer Corrigendum-4
9	Page 66	Clause No. 3Technical Compliance Data Sheet sub-clause 3.1 Part-A (Pipeline locator cum defect mapper kit) - B24	Should have In-Built multiple locating and analysis screens such as b. Vector Mode c.Plan View locate mode d. transverse screen with null & peak analysis.	Remove the same	Vector Mode required. Tender Condition Prevails.
10	Page 66	Clause No. 3Technical Compliance Data Sheet sub-clause 3.1 Part-A (Pipeline locator cum defect mapper kit) - B25	Should have IP65 and NEMA 4	Should have IP65 or NEMA 4	Refer Corrigendum-4
11	Page 66	Clause No. 3Technical Compliance Data Sheet sub-clause 3.1 Part-A (Pipeline locator cum defect mapper kit) - C8	Should have weight less than 4Kg	Should have weight less than 8.5 Kg	Refer Corrigendum-4
12	Page 66	Clause No. 3Technical Compliance Data Sheet sub-clause 3.1 Part-A (Pipeline locator cum defect mapper kit) - C9	Should have IP54 and NEMA 4	Should have IP54 or NEMA 4	Refer Corrigendum-4
13	Page 67	Clause No. 3Technical Compliance Data Sheet sub-clause 3.1 Part-A (Pipeline locator cum defect mapper kit) - E3	Should have cloud-based application for Real-Time Onscreen mapping and data review	Should have application for Real-Time Onscreen mapping and data review	Refer Corrigendum-4



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14	Page 67	Clause No. 3 Technical Compliance Data Sheet sub-clause 3.1 Part-A (Pipeline locator cum defect mapper kit) - F1	Bidder should have 'OEM Calibration Rig' facility in India	Bidder should have 'OEM Calibration Rig' facility or use pre calibrated PCB boards	Refer Corrigendum-4
15	Page 67	Clause No. 3 Technical Compliance Data Sheet sub-clause 3.1 Part-A (Pipeline locator cum defect mapper kit) - F2	Submit photograph of actually installed 'OEM Calibration Rig' at bidder's premises	Remove the same	Refer Corrigendum-4
16	Page 67	Clause No. 3 Technical Compliance Data Sheet sub-clause 3.2 Part-B (Pipeline route locator) - A.3	Vibrating handle to provide indication when over buried utility being located.	Amend: Vibrating handle.RD provides vibration in handle as an alert to user, when there is swing, shallow depth utility, or overload condition	Refer Corrigendum-4
17	Page 68	Clause No. 3 Technical Compliance Data Sheet sub-clause 3.2 Part-B (Pipeline route locator) - A.3	User must be able to configure at least 8 frequencies as per the requirement on field.	User must be able to configure at least 4 frequencies as per the requirement on field.	Refer Corrigendum-4
18	Page 68	Clause No. 3 Technical Compliance Data Sheet sub-clause 3.2 Part-B (Pipeline route locator) - A.19	-20 to +55 Deg. C	-20 to +50 Deg. C	Refer Corrigendum-4
19	Page 68	Clause No. 3 Technical Compliance Data Sheet sub-clause 3.2 Part-B (Pipeline route locator) - C.03	Should have cloud-based application for Real-Time Onscreen mapping and data review	Should have mobile application for Real Time Onscreen mapping and data review	Refer Corrigendum-4
20	Page 68	Clause No. 3 Technical Compliance Data Sheet sub-clause 3.2 Part-B (Pipeline route locator) - D.1	Bidder should have 'OEM Calibration Rig' facility or use pre calibrated PCB boards	Radiodetection provides state of the art Remote Configuration Application along with pre calibrated PCB boards so calibration rig is not required	Refer Corrigendum-4
21	Page 68	Clause No. 3 Technical Compliance Data Sheet sub-clause 3.2 Part-B (Pipeline route locator) - D.2	Submit photograph of actually installed 'OEM Calibration Rig' at bidder's premises	Remove the same	Refer Corrigendum-4
22	Page 72	Clause No. 3 Technical Compliance Data Sheet sub-clause 3.4 Part-D (Ultrasonic Thickness Gauge) - Sr. No 17	Certification: ATEX II 1 G Ex ia IIC T6 GA & CSA Class 1 Group A, B, C&D Division 1 for use in Zone 0, Zone 1 Hazardous area.	We do have the product which complies to all the technical requirements, however it is Not ATEX II Certified. We request you to give relaxation for the same.	Refer Corrigendum-4
23	Page 72	Clause No. 3 Technical Compliance Data Sheet sub-clause 3.6 Part-E (true RMS Digital Multimeter) - Sr. No 6	Should have optical and acoustic warning in the event of incorrect handling.	The equipment does not provides Visual acoustic warning.Equipment have fuses & protection against the incorrect selection.	Refer Corrigendum-4
24	Page 72	Clause No. 3 Technical Compliance Data Sheet sub-clause 3.6 Part-E (true RMS Digital Multimeter) - Sr. No 8e	Capacity measurement range of 60 nF to 3000 micro F	Capacitance measurement requirement of such lines may vary from 60nF to 60 microF. We Shall require multimeter Up to 60microF measurement range. Request you to revise the same.	Refer Corrigendum-4
25	Page 68	Clause No. 3 Technical Compliance Data Sheet sub-clause 3.2 Part-B (Pipeline Route Locator) - Sr. No A.23	instrument should have data logging of at least 5000 individual logs. It should be possible to download data in .csv and .kml file formats.	Output file is .csv which is convertible to .kml format using licence free software. Please allow	Refer Corrigendum-4
26	Page 69	Clause No. 3 Technical Compliance Data Sheet sub-clause 3.2 Part-B (Pipeline Route Locator) - Sr. No C1	01 Web-based licensed free and freely up-gradable single desktop data management software	Data Saved in SD Card can be Retrieved and can be analysed on a PC Laptop and No additional software is required. The location data is available in following data formats: .xls / .xlsx for Microsoft® Excel®, .csv for database and spreadsheet applications, .kml for Google® Maps, and freely exportable to any GIS software based on .csv format	Tender Condition Prevails.



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27	Page 69	Clause No. 3 Technical Compliance Data Sheet sub-clause 3.2 Part-B (Pipeline Route Locator) - Sr. No C3	Should have cloud-based application for Real-Time Onscreen mapping and data review	Point 03 & 04 should be read as licence free android application through google play store. As point 03 mentions cloud based application for real time on screen mapping & data review, this should be read as Real Time Viewing On Mobile Application. If you are really capturing GPS data you will eventually integrate them into your GIS system on ESRI Compatible system for permanent records.	Refer Corrigendum-4
28	Page 68	Clause No. 3 Technical Compliance Data Sheet sub-clause 3.2 Part-B (Pipeline Route Locator) - Sr. No A.18	For cable avoidance and safety during excavation, Power Harmonics frequencies should be available of 150Hz, 180Hz, 250Hz, 300Hz, 350Hz, 420Hz, 450Hz, 540Hz .	You have asked as per point number Section V Scope of Work 3.2 Part-B (Pipeline Route Locator) A.18: Power Harmonics frequencies should be available of 150Hz, 180Hz, 250Hz, 300Hz, 350Hz, 420Hz, 450Hz and 540Hz. Please note that we have Indian electrical environment of 50Hz and we never use mentioned power harmonics while locating pipeline. However 50Hz frequency is provided for any power cable. So you are requested to delete this point.	Tender Condition Prevails.
29	Page 69	Clause No. 3 Technical Compliance Data Sheet sub-clause 3.2 Part-B (Pipeline Route Locator) - Sr. No B.12	Environmental Rating IP 65	You have asked as per point number Section V Scope of Work 3.2 -B (Pipeline Route Locator) Transmitter B.12 : Environment Rating: IP 65. We have Environment Rating of IP 54 so you are requested to change it to IP 54	Refer Corrigendum-4
30	Page 52	6.0 Section IV SCC	Within twenty-one (21) days of receipt of the Contract/PO, the successful bidder shall furnish to the Purchaser the Contract-Cum-Equipment Performance Bank Guarantee (CPBG) @ 10% of total order value (inclusive of all taxes).	You have asked as per point number 6.0 Section IV SCC: You have asked for CPBG @ 10% of total order value (inclusive of all taxes) Here, as you know most of the PSUs and Govt. Companies are asking 3% of basic order value as CPBG so you are requested to consider the same of 3% of basic order value	Tender Condition Prevails.