OIL INDIA LIMITED
(A Government of India Enterprise)
P.O. Duliajan, Pin – 786602
Dist-Dibrugarh, Assam

CORRIGENDUM

Amendment Dated 19.05.2015
to
Tender No. SDG4344P15/08

This Amendment dated 19.05.2015 to **Tender No. SDG4344P15/08 for Cable-less Data Acquisition System** is issued to modify the description under Section-IA, 2.0 General, Sub Clause No. 2.16 of the Tender Document and descriptions under Section-IA, 5.2 Single Geophone (Analogue)-3000 Nos., Sub Clause No. 5.2.1 and Section –IB, 9.0 of earlier amendment vide Annexure-XX dt. 19.11.2014, of the tender. The modifications are given in Annexure-A to this page. All other Tender specifications, amendments issued earlier and Terms & Conditions of the Tender remain unchanged.

(D.Thakur)
Sr. Manager (Materials)(FD)
For Head-Materials

Annexure-A

OIL's Clause No.	Existing Description as per OIL's NIT Specifications/amendment dt. 19.11.2014	Modified Description
Section-IA, 2.0 GENERAL **Sub Clause No. 2.16**	The system must be fully scalable. It should offer the facility for recording data using single point analog sensors.	The system must be fully scalable. It should offer the facility for recording data using Low Distortion High Performance String Geophone analog sensors.
Section-IA, 5.2 SINGLE GEOPHONE (Analogue)-3000 Nos. **Sub Clause No. 5.2.1**	3000 nos. of high Performance & high Fidelity low distortion (LD) Industry standards single geophone only should be provided. The single element geophone provided have to be comparable to the output sensitivity of a parallel /series element array. The quoted Geophone should be fully compatible with seismic data acquisition system along with interface / station unit. The geophone offered should have the following technical specifications: Geophone Type: Low Distortion (≤0.3 %)	**5.2 GEOPHONE (Analogue)-3000 Nos.** **Sub Clause No. 5.2.1** 3000 nos. of high Performance & high Fidelity low distortion (LD) Industry standards geophone strings only should be provided. The quoted Geophone should be fully compatible with seismic data acquisition system along with interface / station unit. The geophone offered should have the following technical specifications: Geophone Type: Low Distortion <u>(≤ 0.20 %)</u>

	Geophones : Single sensor Length of Geophone connector: 2-3 meters (Cable length of Geophone connector) (Applicable for external geophone's takeout only) - Natural frequency: 5 Hz or less, Tolerance ± 7.5%, - Tilt : 0^0 to 10^0, Coil Resistance: Minimum 310Ω (Bidders to mention the specific value of the coil resistance) Open Circuit Damping : 0.60 ± 5.0 % Sensitivity : Minimum 20V/m/s ± 5.0 %. Polarity : Standard SEG Operating Temperature : -20˚c to+ 60˚c	Geophones / string: 12 Configuration of strings : Series/Parallel (6X2) (6 in series & two such series in parallel) Length of String: 65 meters Geophone Interval: 5.0 meters Natural Frequency: 10 Hz, Tolerance ±5.0%. Typical Spurious frequency: > 240Hz Tilt : 0° to 10° Coil Resistance : Any specific value between 350 Ω to 400 Ω Tolerance ±5.0%.(Bidders to mention the specific value of the coil resistance) Open Circuit Damping: Any specific value between 0.25 to 0.70 Tolerance ±10.0%. Sensitivity: Any specific value between 20 V/m/s to 30 V/m/s Tolerance ±5.0%. Polarity : Standard SEG Operating Temperature :-20°c to +60 °c Carry Hasp : Each string mounted on one sensor carry hasp. Connectors: Both ends of the geophone string to be terminated to suitable connectors compatible with data acquisition station units.

		Conductor: Brass/Tinned Copper weld conductors. Geophone Casing & Insulation: Proper water proof casing with suitable industry standard insulation to be provided with supplied geophones.
Section-IB, 9.0	**Data harvesting Equipment** The proposed cable less seismic data acquisition equipment should have the adequate no. of Rack mounted Data Harvesting device commensurate with our requirement of data harvesting of at least 450 channels simultaneously wherever applicable.	**Data harvesting Equipment** The proposed cable less seismic data acquisition equipment should have the adequate no. of Rack mounted Data Harvesting device commensurate with our requirement of data harvesting of at least 300±5% channels simultaneously wherever applicable**.**