

**OIL INDIA LIMITED**  
**RAJASTHAN PROJECT**  
**JODHPUR**

**CORRIGENDUM**

**TENDER NO. CJG5257P18**

1.0 Amendment No. 2 dated 11.09.2017 to Tender No. CJG5257P18 has been issued to incorporate changes to some of the clauses of the tender document subsequent to pre-bid meeting and also to extend the Bid Closing/Technical Bid Opening Date and Tender Document Sale Date against Tender No. CJG4758P18 as under :

Bid Closing Date & Time : 26.09.2017 at 11-00 hrs. (IST)

Technical Bid Opening Date & Time : 26.09.2017 at 15-00 hrs. (IST)

Tender Document Sale Date Extended to : 19.09.2017 at 16-30 hrs. (IST)

2.0 Duration of the Contract Period : The duration of the Contract Period is 12 months without any provision for extension.

3.0 The following clauses under BEC, GCC, SOW and Schedule of Service/Rates have been amended as under :

SL. No.	Section / Clause of the Tender and Page No.	Original Clause	Clause to be Amended.
<b>PART – 2, BID EVALUATION CRITERIA</b>			
1.	<b>I. <u>TECHNICAL CRITERIA</u></b> Clause 1.0 (i)  Page No. 19	<p>1.0 (i) Bidders must have successfully completed land 3D Vibroseis Seismic Surveys with a minimum cumulative total of <b>2000 Sq. Km</b> in which 100 Sq. Km of 3D seismic data acquisition with bin size ≤ 25 m X 25 m in the last five (5) years, reckoning the period from the original bid closing date of the tender. Bidders must submit documentary evidence in support of their experiences as under:</p> <p>Contract/Agreement copy along with satisfactory completion/ performance report clearly mentioning Contract/Agreement No. and volume of job completed.</p> <p style="text-align: center;"><b>OR</b></p> <p>Contract/Agreement copy with proof of settlement /release of final payment against the contract.</p> <p style="text-align: center;"><b>OR</b></p> <p>Any other documentary evidence like proof of release of Performance Security after completion of the contract that can substantiate the satisfactory execution of the contract as mentioned in the above clause.</p>	<p>1.0 (i) Bidders must have successfully completed land 3D Vibroseis Seismic Surveys with a minimum cumulative total of <b>1000 Sq. Km</b> in which 100 Sq. Km of 3D seismic data acquisition with bin size ≤ 25 m X 25 m in the last five (5) years, reckoning the period from the original bid closing date of the tender. Bidders must submit documentary evidence in support of their experiences as under:</p> <p>Contract/Agreement copy along with satisfactory completion/ performance report clearly mentioning Contract/Agreement No. and volume of job completed.</p> <p style="text-align: center;"><b>OR</b></p> <p>Contract/Agreement copy with proof of settlement /release of final payment against the contract.</p> <p style="text-align: center;"><b>OR</b></p> <p>Any other documentary evidence like proof of release of Performance Security after completion of the contract that can substantiate the satisfactory execution of the contract as mentioned in the above clause.</p>

2.	<p>Clause 1.0 (ii)</p> <p>Page No. 19</p>	<p>1.0 (ii) Bidder must have state-of-the-art processing centre to carry out detailed seismic data processing works. The bidder must have experience in seismic data processing and completed Processing of minimum <b>2000 Sq. Km</b> of Land 3D seismic data including Pre-stack Time Migration (Pre-STM) and Pre stack Depth migration in last five (5) years, reckoning the period from the original bid closing date of the tender. Bidders must submit documentary evidence in support of their experiences as under:</p> <p>Contract/Agreement copy along with satisfactory completion/ performance report clearly mentioning Contract/Agreement No. and volume of job completed.</p> <p style="text-align: center;"><b>OR</b></p> <p>Contract/Agreement copy with proof of settlement /release of final payment against the contract.</p> <p style="text-align: center;"><b>OR</b></p> <p>Any other documentary evidence like proof of release of Performance Security after completion of the contract that can substantiate the satisfactory execution of the contract as mentioned in the above clause.</p>	<p>1.0 (ii) Bidder must have state-of-the-art processing centre to carry out detailed seismic data processing works. The bidder must have experience in seismic data processing and completed Processing of minimum <b>1000 Sq. Km</b> of Land 3D seismic data including Pre-stack Time Migration (Pre-STM) and Pre stack Depth migration in last five (5) years, reckoning the period from the original bid closing date of the tender. Bidders must submit documentary evidence in support of their experiences as under:</p> <p>Contract/Agreement copy along with satisfactory completion/ performance report clearly mentioning Contract/Agreement No. and volume of job completed.</p> <p style="text-align: center;"><b>OR</b></p> <p>Contract/Agreement copy with proof of settlement /release of final payment against the contract.</p> <p style="text-align: center;"><b>OR</b></p> <p>Any other documentary evidence like proof of release of Performance Security after completion of the contract that can substantiate the satisfactory execution of the contract as mentioned in the above clause.</p>
3.	<p>Clause 1.0 (iii)</p>	<p>1.0 (iii) <b>Foreign Bidders:</b> Overseas Bidders must have successfully carried out a minimum of <b>1000 Sq.</b></p>	<p>1.0 (iii) <b>Foreign Bidders:</b> Overseas Bidders must have successfully carried out a minimum of <b>500 Sq. Km</b> of land</p>

	Page No. 20	<p><b>Km</b> of land 3D Seismic Data Acquisition in two countries other than the country of origin in last five (5) years, reckoning the period from the original bid closing date of the tender, provided they meet the experience criteria mentioned in sub-clauses (i) and (ii) above.</p> <p style="text-align: center;"><b>OR</b></p> <p>Overseas bidders should have successfully completed at least 100 Sq. Km. of Land 3D Seismic Data Acquisition in India, provided they meet the experience criteria mentioned in sub-clauses (i) and (ii) above.</p> <p>Bidders must submit documentary evidence in support of their experiences as under:</p> <p>Contract/Agreement copy along with satisfactory completion/ performance report clearly mentioning Contract/Agreement No. and volume of job completed.</p> <p style="text-align: center;"><b>OR</b></p> <p>Contract/Agreement copy with proof of settlement /release of final payment against the contract.</p> <p style="text-align: center;"><b>OR</b></p> <p>Any other documentary evidence like proof of release of Performance Security after completion of the contract that can substantiate the satisfactory execution of the contract as mentioned in the above</p>	<p>3D Seismic Data Acquisition in two countries other than the country of origin in last five (5) years, reckoning the period from the original bid closing date of the tender, provided they meet the experience criteria mentioned in sub-clauses (i) and (ii) above.</p> <p style="text-align: center;"><b>OR</b></p> <p>Overseas bidders should have successfully completed at least 100 Sq. Km. of Land 3D Seismic Data Acquisition in India, provided they meet the experience criteria mentioned in sub-clauses (i) and (ii) above.</p> <p>Bidders must submit documentary evidence in support of their experiences as under:</p> <p>Contract/Agreement copy along with satisfactory completion/ performance report clearly mentioning Contract/Agreement No. and volume of job completed.</p> <p style="text-align: center;"><b>OR</b></p> <p>Contract/Agreement copy with proof of settlement /release of final payment against the contract.</p> <p style="text-align: center;"><b>OR</b></p> <p>Any other documentary evidence like proof of release of Performance Security after completion of the contract that can substantiate the satisfactory execution of the contract as mentioned in the above clause.</p>
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		clause.	
4.	Clause 2.4  Page No. 22	2.4 In case of bidder and/or its technical collaborator and / or its joint venture partner and / or its consortium member is a foreign company and its offer is found technically acceptable, then OIL will seek clearance of appropriate Government Authorities (wherever applicable) before opening of price bids. Corresponding to the receipt of clearance, the price bids will be opened. Such bidders must submit all required details/documents to OIL alongwith their un-priced technical bid for seeking clearance. Bidder is required to confirm specific acceptance of this clause in their technical bid.	<b>Deleted</b>
5.	Clause 2.7  Page No. 23	2.7 The bidder must have successfully executed/completed at least one project/contract/workorder of land 3D Seismic Data Acquisition and Processing including Pre-stack Time Migration (Pre-STM) and Pre stack Depth migration during last seven(07) years reckoning the period from the original bid closing date of the tender valuing not less than <b>INR 36.00crore</b> (or equivalent in US dollar).	Deleted
6.	Clause 6.0	6.0 <b>Mobilization:</b> The successful bidder must complete mobilization and commence operation within <b>60 days</b> from the date of mobilization advice	6.0 <b>Mobilization:</b> The successful bidder must complete mobilization and commence operation within <b>90 days</b> from the date of mobilization advice from Company.

	Page No. 24	from Company. Contractor must apply for necessary clearances to the different agencies of Government of India & Govt. of Rajasthan pertaining to Camp Establishment, Mobilization of Equipment & Manpower, and Permission to work in Area immediately after issue of Letter of Award (LOA) by Company.	Contractor must apply for necessary clearances to the different agencies of Government of India & Govt. of Rajasthan pertaining to Camp Establishment, Mobilization of Equipment & Manpower, and Permission to work in Area immediately after issue of Letter of Award (LOA) by Company.
7.	<b><u>II. FINANCIAL CRITERIA</u></b> Clause No. 1.0	1.0 Annual Financial Turnover of the Bidder during any of preceding three financial/ accounting years from the original bid closing date should be at least <b>INR 36.00 Crores</b> (or equivalent in US\$).	1.0 Annual Financial Turnover of the Bidder during any of preceding three financial/ accounting years from the original bid closing date should be at least <b>INR 24.00 Crores</b> (or equivalent in US\$).
8.	Clause No. 4.0	4.0 In case the Bidder is a Consortium, then any one of the Consortium members individually shall have to meet the financial turn-over criteria as per Para II 1.0 above. Other Consortium members individually shall have to meet the financial turn-over criteria of <b>INR 9.00 Crores</b> (or equivalent in US\$).	4.0 In case the Bidder is a Consortium, then any one of the Consortium members individually shall have to meet the financial turn-over criteria as per Para II 1.0 above. Other Consortium members individually shall have to meet the financial turn-over criteria of <b>INR 6.00 Crores</b> (or equivalent in US\$).
<b>PART-3, SECTION-I, GENERAL CONDITION OF CONTRACT</b>			
9.	Clause 2.2  Page No. 31	<b><u>2.2 MOBILISATION/De-MOBILISATION TIME OF THE CONTRACT:</u></b> The mobilization of equipment, personnel etc. should be completed by Contractor within <b>60 days</b> from the date of Letter of Award(LOA) or mobilization Advice from the	<b><u>2.2 MOBILISATION/De-MOBILISATION TIME OF THE CONTRACT:</u></b> The mobilization of equipment, personnel etc. should be completed by Contractor within <b>90 days</b> from the date of Letter of Award(LOA) or mobilization Advice from the Company. Mobilization shall be deemed to be

		Company. Mobilization shall be deemed to be completed when Contractor's equipment and manpower are placed at the nominated location in readiness to commence Work as envisaged under the Contract duly certified by the Company's authorized representative.	completed when Contractor's equipment and manpower are placed at the nominated location in readiness to commence Work as envisaged under the Contract duly certified by the Company's authorized representative.
10.	Clause No. 17.0 Page No.	<p><b><u>17.0 LIQUIDATED DAMAGES FOR DEFAULT IN TIMELY MOBILISATION:</u></b></p> <p>17.1 Time is the essence of this Contract. In the event of the Contractor's default in timely mobilization for commencement of operations within the stipulated period, the Contractor shall be liable to pay liquidated damages @ 1/2% of contract value including mobilization cost, per week or part thereof of delay subject to maximum of 7.5%. Liquidated Damages will be reckoned from the expiry date of the scheduled mobilisation period as defined in para 2.2 above.</p> <p>17.2 If the Contractor fails to mobilise within 45 days after the stipulated date, then the Company reserves the right to cancel the Contract without any compensation whatsoever.</p> <p>17.3 The parties agree that the sum specified above is not a penalty but a genuine pre-estimate of the loss/damage which will be suffered by OIL on account of delay/breach on the part of the</p>	<p><b><u>17.0 LIQUIDATED DAMAGES FOR DEFAULT IN TIMELY MOBILISATION:</u></b></p> <p>17.1 Time is the essence of this Contract. In the event of the Contractor's default in timely mobilization for commencement of operations within the stipulated period, the Contractor shall be liable to pay liquidated damages @ 1/2% of contract value including mobilization cost, per week or part thereof of delay subject to maximum of 7.5%. Liquidated Damages will be reckoned from the expiry date of the scheduled mobilisation period as defined in para 2.2 above.</p> <p>17.2 If the Contractor fails to mobilise within 45 days after the stipulated date, then the Company reserves the right to cancel the Contract without any compensation whatsoever.</p> <p>17.3 The parties agree that the sum specified above is not a penalty but a genuine pre-estimate of the loss/damage which will be suffered by OIL on account of delay/breach on the part of the Contractor and the said amount will be payable without proof of actual loss or damage caused by</p>

		<p>Contractor and the said amount will be payable without proof of actual loss or damage caused by such delay/breach and without any demur and shall not be open for any dispute whatsoever.</p>	<p>such delay/breach and without any demur and shall not be open for any dispute whatsoever.</p> <p>17.4 Liquidated Damages are to be recovered from the final bill &amp; not from the running bills. In case adequate amount may not be available in the final bill, necessary recovery can be made from previous bill(s). If the time delay immobilization is made up by the party by early completion of the job, no LD will be deducted. Similarly, if the Mobilisation has been completed before scheduled period of Mobilisation but completion of job has been delayed, LD will be applicable only for the period exceeding the total period allowed for Mobilisation and Job Completion put together. In case, both Mobilisation and completion have been delayed, the LD will be applied for both and the same will be recovered from the final Bill. If final bill is not sufficient, then recovery can be made from the previous bills.</p>
<b>PART-3, SECTION-II, SCOPE OF WORK/TERMS OF REFERENCE/TECHNICAL SPECIFICATION</b>			
11.	<p>Clause 3.1 Page No. 56</p>	<p>3.1 The co-ordinates of the Tanot – Dandewala Mining Lease (ML) Area are given below: Block Area: 250 Sq.Kms</p> <p><b>Pt. A:</b> Longitude (Deg. : 70, M : 0, S : 5)</p> <p><b>Pt. A:</b> Latitude (Deg. : 2, M : 4, S : 00)</p>	<p>3.1 The co-ordinates of the Tanot – Dandewala Mining Lease (ML) Area are given below: Block Area: 250 Sq.Kms</p> <p><b>Pt. A:</b> Longitude (Deg. : 70, M : 04, S : 52)</p> <p><b>Pt. A:</b> Latitude (Deg. : 27, M : 41, S : 03)</p>



		<p><b>Pt. B:</b> Longitude (Deg. : 70, M : 1, S : 0)</p> <p><b>Pt. B:</b> Latitude (Deg. : 2, M : 3, S : 30)</p> <p><b>Pt. C:</b> Longitude (Deg. : 70, M : 1, S : 1)</p> <p><b>Pt. C:</b> Latitude (Deg. : 2, M : 4, S : 54)</p> <p><b>Pt. D:</b> Longitude (Deg. : 70, M : 1, S : 5)</p> <p><b>Pt. D:</b> Latitude (Deg. : 2, M : 5, S : 11)</p> <p><b>Pt. E:</b> Longitude (Deg. : 70, M : 1, S : 5)</p> <p><b>Pt. E:</b> Latitude (Deg. : 2, M : 5, S : 59)</p> <p><b>Pt. F:</b> Longitude (Deg. : 70, M : 0, S : 4)</p> <p><b>Pt. F:</b> Latitude (Deg. : 2, M : 4, S : 11)</p> <p><b>Pt. G:</b> Longitude (Deg. : 70, M : 0, S : 5)</p> <p><b>Pt. G:</b> Latitude (Deg. : 2, M : 14, S : 18)</p> <p><b>Pt. H:</b> Longitude (Deg. : 70, M : 0, S : 2)</p> <p><b>Pt. H:</b> Latitude (Deg. : 2, M : 4, S : 05)</p> <p><b>Pt. A:</b> Longitude (Deg. : 70, M : 0, S : 5)</p> <p><b>Pt. A:</b> Latitude (Deg. : 2, M : 4, S : 00)</p>	<p><b>Pt. B:</b> Longitude (Deg. : 70, M : 10, S : 00)</p> <p><b>Pt. B:</b> Latitude (Deg. : 27, M : 39, S : 30)</p> <p><b>Pt. C:</b> Longitude (Deg. : 70, M : 16, S : 12)</p> <p><b>Pt. C:</b> Latitude (Deg. : 27, M : 47, S : 54)</p> <p><b>Pt. D:</b> Longitude (Deg. : 70, M : 13, S : 36)</p> <p><b>Pt. D:</b> Latitude (Deg. : 27, M : 54, S : 04)</p> <p><b>Pt. E:</b> Longitude (Deg. : 70, M : 11, S : 53)</p> <p><b>Pt. E:</b> Latitude (Deg. : 27, M : 51, S : 59)</p> <p><b>Pt. F:</b> Longitude (Deg. : 70, M : 08, S : 46)</p> <p><b>Pt. F:</b> Latitude (Deg. : 27, M : 49, S : 11)</p> <p><b>Pt. G:</b> Longitude (Deg. : 70, M : 07, S : 59)</p> <p><b>Pt. G:</b> Latitude (Deg. : 27, M : 48, S : 18)</p> <p><b>Pt. H:</b> Longitude (Deg. : 70, M : 07, S : 22)</p> <p><b>Pt. H:</b> Latitude (Deg. : 27, M : 47, S : 05)</p> <p><b>Pt. A:</b> Longitude (Deg. : 70, M : 04, S : 52)</p> <p><b>Pt. A:</b> Latitude (Deg. : 27, M : 41, S : 03)</p> <p>The corrected <b>Fig.1</b> is attached.</p>
12.	Clause A.1.3	A.1.3 Company reserves the option to increase the volume for 3D Data Acquisition by + 50% of the	<b>DELETED</b>

	Page No. 56	tender quantity of 250 Sq. Km. In case of increase in quantum, it will be obligatory on the part of the Contractor to carry out the job at the same rate, terms & conditions of the contract.	
13.	Clause A.1.4  Page No. 58	A1.4 As the operational area is close to Indo-Pak border, Security agencies may reduce the block area due to security reasons. Hence, it will be obligatory on the part of the contractor to carry out the 3D Seismic Survey in the permitted area. The approximate decrease in the area of the operations may be around 25-30%.	A1.4 As the operational area is close to Indo-Pak border, Security agencies may reduce the block area due to security reasons. Hence, it will be obligatory on the part of the contractor to carry out the 3D Seismic Survey in the permitted area. The approximate <b>increase/decrease</b> in the area of the operations may be around <b>± 20%</b> .
14.	Clause A.4.1  Page No. 58	A.4.1 Contractor shall carry out 3D seismic data acquisition employing state-of-the-art telemetry recording and vibrator systems	A.4.1 Contractor shall carry out 3D seismic data acquisition employing state-of-the-art telemetry/ <b>Cableless system with real time data acquisition and quality control of noise etc.</b> recording and vibrator systems.
15.	Clause A.5.1  Page No. 60	A.5.1 Mobilization: The successful bidder must complete mobilization and commence operation within <b>60 days</b> from the date of Letter of Award(LOA) or mobilization notice from Company. Obtaining clearance for Camp Establishment, Mobilization of Equipment & Manpower and permission to work in the area from different agencies of Government of India & Govt. of Rajasthan is the responsibility of the successful bidder. Contractor must apply for necessary	A.5.1 Mobilization: The successful bidder must complete mobilization and commence operation within <b>90 days</b> from the date of Letter of Award(LOA) or mobilization notice from Company. Obtaining clearance for Camp Establishment, Mobilization of Equipment & Manpower and permission to work in the area from different agencies of Government of India & Govt. of Rajasthan is the responsibility of the successful bidder. Contractor must apply for necessary clearances to the different agencies of Government of India & Govt. of Rajasthan pertaining to Camp Establishment, Mobilization

		clearances to the different agencies of Government of India & Govt. of Rajasthan pertaining to Camp Establishment, Mobilization of Equipment & Manpower, and Permission to work in Area immediately after intimation/receipt of Letter of Award (LOA) by Company.	of Equipment & Manpower, and Permission to work in Area immediately after intimation/receipt of Letter of Award (LOA) by Company.
16.	Clause A.5.3  Page No. 60	A.5.3Data Acquisition of 250 Sq. Km. of 152 full fold Vibroseis 3D Seismic data must be completed in <b>four (4)</b> months from the date of completion of mobilization.	A.5.3Data Acquisition of 250 Sq. Km. of 152 full fold Vibroseis 3D Seismic data must be completed in <b>Six (6)</b> months from the date of completion of mobilization.
17.	Clause A.5.5  Page No. 61	A.5.5Contractor shall put all efforts to complete data acquisition of 250 Sq. Km. of 152 full fold 3DVibroseis Seismic data in <b>four (4)</b> months from the date of completion of mobilization. In the event of Contractor's failure to complete the Seismic Data Acquisition of contractual volume of 250 Sq. Km. within the time frame of <b>four (4)</b> months, the Contractor has to complete the remaining volume of jobs i.e. 3D data acquisition, LVL, Up-hole survey and Reference Pillar Fixing with a penalty of 10% on the quoted rates for the remaining jobs. This penalty will be levied only on the remaining volume of jobs i.e. 3D data acquisition, LVL, Up-hole survey and Reference Pillar Fixing after expiry of the stipulated time period of <b>four (4)</b> months. In case of military exercise in the block area time loss if any, duration of	A.5.5Contractor shall put all efforts to complete data acquisition of 250 Sq. Km. of 152 full fold 3DVibroseis Seismic data in <b>six (6)</b> months from the date of completion of mobilization. In the event of Contractor's failure to complete the Seismic Data Acquisition of contractual volume of 250 Sq. Km. within the time frame of <b>six (6)</b> months, the Contractor has to complete the remaining volume of jobs i.e. 3D data acquisition, LVL, Up-hole survey and Reference Pillar Fixing with a penalty of 10% on the quoted rates for the remaining jobs. This penalty will be levied only on the remaining volume of jobs i.e. 3D data acquisition, LVL, Up-hole survey and Reference Pillar Fixing after expiry of the stipulated time period of <b>six (6)</b> months. In case of military exercise in the block area time loss if any, duration of six months will get extended accordingly.

		four months will get extended accordingly.	
18.	Clause A.5.6  Page No. 61	A.5.6The additional quantum of work mentioned in <b>Para A1.3</b> above, if requisitioned, shall be completed in additional period in proportionate to <b>four (4) months</b> for 250 Sq. Km. of 152 full fold Vibroseis 3D Seismic data. In case, the Contractor fails to complete the extended volume of the job within the additional period, the Contractor has to complete the remaining volume of jobs i.e. 3D data acquisition, LVL, Up-hole survey and Reference Pillar Fixing with a penalty of 10% on the quoted rates for the remaining jobs. This penalty will be levied only on the remaining volume of jobs i.e. 3D data acquisition, LVL, Up-hole survey and Reference Pillar Fixing carried out beyond such additional period.	A.5.6The additional quantum of work mentioned in <b>Para A1.4</b> above, if requisitioned, shall be completed in additional period in proportionate to <b>six (6)months</b> for 250 Sq. Km. of 152 full fold Vibroseis 3D Seismic data. In case, the Contractor fails to complete the extended volume of the job within the additional period, the Contractor has to complete the remaining volume of jobs i.e. 3D data acquisition, LVL, Up-hole survey and Reference Pillar Fixing with a penalty of 10% on the quoted rates for the remaining jobs. This penalty will be levied only on the remaining volume of jobs i.e. 3D data acquisition, LVL, Up-hole survey and Reference Pillar Fixing carried out beyond such additional period.
19.	Clause No. A.13.31  Page No. 72	A.13.31 The wooden pegs with ground marking should be available at the measured VP points and geophone/ground stations at the time of shooting along the particular seismic line. The minimum height of the wooden pegs must be <b>five (5) feet</b> above ground level.	A.13.31 The wooden pegs with ground marking should be available at the measured VP points and geophone/ground stations at the time of shooting along the particular seismic line. The minimum height of the wooden pegs must be <b>four (4) feet</b> above ground level.
20.	Clause B.1.2  Page No. 73	B1.2 Company reserves the option to <b>decrease/increase</b> the volume for 3D Seismic Data Processing <b>upto ± 50%</b> of the tender quantity of 250 Sq. Km. In case of any increase/decrease in quantum, it will be obligatory on the part of the	B1.2 Company reserves the option to <b>increase/decrease</b> the volume for 3D Seismic Data Processing <b>upto ± 20%</b> of the tender quantity of 250 Sq. Km. In case of any increase/decrease in quantum, it will be obligatory on the part of the Contractor to carry out the job at the same

		Contractor to carry out the job at the same rate, terms & conditions of the contract.	rate, terms & conditions of the contract.
21.	Clause B.2.1  Page No. 75	B.2.1 The Contractor is required to start the processing of the seismic data within 07 days of completion of seismic data acquisition in the block. Contractor shall collect and transfer seismic and other relevant data to its Seismic Data Processing Centre at their own cost from OIL's office at Jodhpur. The processing job should start immediately on arrival of the data set in their processing Centre. <b>The processing should be completed within three (3) months from the date of start of processing work.</b>	B.2.1 The Contractor is required to start the processing of the seismic data within 07 days of completion of seismic data acquisition in the block. Contractor shall collect and transfer seismic and other relevant data to its Seismic Data Processing Centre at their own cost from OIL's office at Jodhpur. The processing job should start immediately on arrival of the data set in their processing Centre. <b>The processing should be completed within five (5) months from the date of start of processing work.</b>
22.	Clause B.2.3  Page No. 75	B.2.3 In the event of Contractor's default in completing the data processing jobs within the time frame <b>(3 months)</b> as mentioned in the contract, liquidated damages will be levied as per general conditions of the contract.	B.2.3 In the event of Contractor's default in completing the data processing jobs within the time frame <b>(5 months)</b> as mentioned in the contract, liquidated damages will be levied as per general conditions of the contract.
23.	Clause B.2.4  Page No. 75	B.2.4 The additional quantum of processing work mentioned in Para B1.2 above shall be completed in additional period in proportionate to 250 Sq. Km. of 152 full fold Vibroseis 3D seismic data. Liquidated damages will also be levied as per general conditions of the contract at the aforementioned rate will also be levied for any delay	<b>DELETED</b>

		in additional job as per general conditions of the contract.	
24.	<p><b>B4.0 Deliverables and Schedule of Performance:</b></p> <p>Clause B4.3</p> <p>Page No. 76</p>	<p><b>B4.0 Deliverables and Schedule of Performance:</b></p> <p>Clause B4.3 The Contractor will submit .....</p> <p>Apart from above, the Contractor will submit the following:</p> <ol style="list-style-type: none"> <li>1.</li> <li>2.</li> <li>.</li> <li>.</li> <li>9.</li> </ol>	<p><b>B4.0 Deliverables and Schedule of Performance:</b></p> <p>Clause B4.3 The Contractor will submit .....</p> <p>Apart from above, the Contractor will submit the following:</p> <ol style="list-style-type: none"> <li>1.</li> <li>2.</li> <li>.</li> <li>.</li> <li>9.</li> </ol> <p><b>ADDITION</b></p> <ol style="list-style-type: none"> <li>10.a) Raw Pre-Stack Depth Migrated Gathers SEG Y</li> <li>b) Raw Pre-Stack Depth Migrated Stack SEG Y</li> <li>c) Final Pre-Stack Depth Migrated Gathers SEG Y</li> <li>d) Final Pre-Stack Depth Migrated Gathers (Converted to Time domain) SEG Y</li> <li>e) Final Pre-Stack Depth Migrated Stack SEG Y</li> <li>f) Final sections of estimated eta, epsilon &amp; delta model SEG Y</li> <li>g) Final Pre-Stack Depth Migrated Stack (Time converted) SEG Y</li> </ol>

			<p>h) Final Pre-Stack Depth Migration Velocity Field in depth (RMS &amp; Interval) SEG-Y</p> <p>i) Final Stacking Velocity in depth SEG-Y</p> <p>j) Final mute file ASCII</p> <p>k) Final Pre-Stack Depth Migration Velocity Field in depth(RMS &amp;Interval) ASCII</p> <p>l) Final Stacking Velocity in depth ASCII</p> <p>m) SEG-Y wire frames for all the deliverables as applicable for data loading in Industry standard software packages.</p> <p>The corrected <b>Fig.1</b> is attached.</p>
<b>PART-3, SECTION-IV, SCHEDULE OF SERVICES/SCHEDULE OF RATES</b>			
25.	<p>Clause 1.5</p> <p>Page No. 84</p>	<p>Heading of the last column of the Table for Operating Rate(OR):</p> <p>“ Price per Sq.Km of 64 fullfold 3D Vibroseis Seismic Data Acquisition”.</p>	<p>Heading of the last column of the Table for Operating Rate(OR):</p> <p>“ Price per Sq.Km of 152 fullfold 3D Vibroseis Seismic Data Acquisition”.</p>
<b>ANNEXURE-II, EQUIPMENT FOR 3D SEISMIC DATA ACQUISITION</b>			
26.	<p>Clause B</p> <p>Page No. 90</p>	<p><b>SEISMIC RECORDING SYSTEM: Not more than three (3) years old, ending last day of the month previous to the one in which bids are invited.</b> The equipment must be in perfect working condition. The number of remote field units and cables and geophones to be</p>	<p><b>SEISMIC RECORDING SYSTEM: Not more than three (3) years old, ending last day of the month previous to the one in which bids are invited.</b> The equipment must be in perfect working condition. The number of remote field units and cables and geophones to be deployed must be</p>

		<p>deployed must be adequate to obtain the production required to complete the work within the required time.</p> <p>*Seismic Data Recording System – Telemetry System with 24-bit <math>\Delta\Sigma</math> Technology.</p> <p>*24-bit recorder and correlator/stacker.</p> <p>* Recording capacity of minimum <b>10,000</b> channels at 2 ms sampling interval.</p> <p>* Sufficient Remote Units, Interconnect boxes etc.</p> <p>*Geophone: Offered geophones must be Digital sensors (1C) or better. The offered Geophones must be fully compatible with seismic data acquisition system alongwith interface/line telemetry cables.</p> <p>*Cables and Geophones: Not more than One (1) year old, ending last day of the month previous to the one in which bids are invited.</p>	<p>adequate to obtain the production required to complete the work within the required time.</p> <p>*Seismic Data Recording System – Telemetry/<b>Cableless with real time data acquisition and quality Control of noise etc.</b> System with 24-bit <math>\Delta\Sigma</math> Technology.</p> <p>*24-bit recorder and correlator/stacker.</p> <p>* Recording capacity of minimum <b>6,000</b> channels at 2 ms sampling interval.</p> <p>* Sufficient Remote Units, Interconnect boxes etc.</p> <p>*<b>Geophone: Offered geophones must be Digital sensors (1C) or analogue (conventional) geophone having natural frequency <math>\leq</math> 5Hz. The offered Geophones must be fully compatible with seismic data acquisition system along with interface/line telemetry cables.</b></p> <p>*Cables and Geophones: Not more than One (1) year old, ending last day of the month previous to the one in which bids are invited.</p>
27.	ANNEXURE-II, Clause F  Page No. 91	<p><b><u>EQUIPMENT FOR FIELD 3D DATA PROCESSING:</u></b></p> <p><b>Hardware - Not more than three (3) years old, ending last day of the month previous to the one in which bids are invited.</b></p> <ul style="list-style-type: none"> <li>* Workstation (CPU Type and MHz, RAM &amp; Hard Disk Capacity),</li> <li>* Colour Printer</li> </ul>	<p><b><u>EQUIPMENT FOR FIELD 3D DATA PROCESSING:</u></b></p> <p><b>Hardware - Not more than three (3) years old, ending last day of the month previous to the one in which bids are invited.</b></p> <ul style="list-style-type: none"> <li>* Workstation (CPU Type and MHz, RAM &amp; Hard Disk Capacity),</li> <li>* Colour Printer</li> </ul>



		<ul style="list-style-type: none"> <li>* Colour Plotter</li> <li>* Tape Drives – LTO-3 &amp; IBM 3592</li> </ul>	<ul style="list-style-type: none"> <li>* Colour Plotter</li> <li>* Tape Drives – IBM 3592</li> </ul>
28.	ANNEXURE II, Clause -G, Page 92	<p><b><u>G. EQUIPMENT FOR 3D SEISMIC DATA PROCESSING:</u></b></p> <p>The Bidders must provide the technical details of following equipment (Hardware &amp; Software) to be used for processing.</p> <ul style="list-style-type: none"> <li>* <b><u>Hardware Configuration:</u></b> – Must be state-of-the-art technology capable of processing 3D Vibroseis Seismic Data including Pre-stack Time Migration (Pre-STM) and Pre stack Depth migration under Item B of Section-V. Bidder has to furnish the complete details of the hardware proposed to be deployed for processing of the 3D Vibroseis Seismic Data.</li> <li>* <b><u>Software:</u></b> Details of complete processing package, release date, version, and status of maintenance contract etc. – The 3D Seismic Data Processing Software must be of the latest version.</li> <li>* System Layout Diagram (including tape drives, plotter, and other I/O interface).</li> <li>* Brochures of Hardware and Software packages.</li> <li>* Location of the Processing Centre</li> </ul>	<p><b><u>G. EQUIPMENT FOR 3D SEISMIC DATA PROCESSING:</u></b></p> <p>The Bidders must provide the technical details of following equipment (Hardware &amp; Software) to be used for processing.</p> <ul style="list-style-type: none"> <li>* <b><u>Hardware Configuration:</u></b> – Must be state-of-the-art technology capable of processing 3D Vibroseis Seismic Data including Pre-stack Time Migration (Pre-STM) and Pre stack Depth migration under Item B.1.0, PART-3, SECTION-II. Bidder has to furnish the complete details of the hardware proposed to be deployed for processing of the 3D Vibroseis Seismic Data.</li> <li>* <b><u>Software:</u></b> Details of complete processing package, release date, version, and status of maintenance contract etc. – The 3D Seismic Data Processing Software must be of the latest version.</li> <li>* System Layout Diagram (including tape drives, plotter, and other I/O interface).</li> <li>* Brochures of Hardware and Software packages.</li> <li>* Location of the Processing Centre</li> </ul>

4.0 All other terms and conditions of the tender remain unchanged.

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