

**OIL INDIA LIMITED**  
**JODHPUR**

**CORRIGENDUM**  
**To Tender No. CJG8319P19**

Amendment No. 4 dated 13.09.2018 has been issued to incorporate the following changes in the tender clauses against Tender No. CJG8319P19 for Hiring of Wireline Logging Unit with Services for Rajasthan Project. The Bid Closing Date and Tender Sale has also been extended as under:

Bid Closing Date : 04.10.2018 (11.00 Hrs. IST)  
 Technical Bid Opening Date : 04.10.2018 (15.00 Hrs. IST)  
 Tender Sale Date : 25.09.2018 (17.30 Hrs. IST)

S. No.	PART / SECTION / PAGE NO.	ORIGINAL CLAUSE NO. / SUB-CLAUSE NO.	CLAUSES AMENDED
1	Amendment No. 3, Item Sl. No. 4	<p>17.0 <b>LIQUIDATED DAMAGES FOR DEFAULT IN TIMELY MOBILISATION:</b>                      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><b>17.1.1 FOR DEFAULT IN INTERIM MOBILISATION OF SPECIAL EQUIPMENT/ TOOLS/SERVICES IN TIME :</b>                      Time is the essence of this Contract. In the event of the Contractor's default in interim mobilization of the Special equipment/Tools/Services and Tools on call (optional) in time during the tenure of the contract, the Contractor shall be liable to pay liquidated damages at the rate of 0.5% of annual contract value including mobilization charge for the Special equipment/Tools/Services and Tools on call (optional) per week or part thereof of delay subject to maximum of 7.5%. Liquidated Damages will be reckoned from the date after expiry of the scheduled mobilization time till arrival of the Tools/Services at site and the same are in readiness to commence work.</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 such delay/breach and without any demur and shall not be open for any dispute whatsoever.</p>	<p>17.0 <b>LIQUIDATED DAMAGES FOR DEFAULT IN TIMELY MOBILISATION:</b>                      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><b>17.1.1 FOR DEFAULT IN INTERIM MOBILISATION OF ANY EQUIPMENT/ TOOLS/SERVICES IN TIME :</b>                      Time is the essence of this Contract. In the event of the Contractor's default in interim mobilization of the Special equipment/Tools/Services and Tools on call (optional) in time during the tenure of the contract, the Contractor shall be liable to pay liquidated damages at the rate of 0.5% of annual contract value including mobilization charge for the Special equipment/Tools/Services and Tools on call (optional) per week or part thereof of delay subject to maximum of 7.5%. Liquidated Damages will be reckoned from the date after expiry of the scheduled mobilization time till arrival of the Tools/Services at site and the same are in readiness to commence work.</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 such delay/breach and without any demur and shall not be open for any dispute whatsoever.</p>

**ORIGINAL TOOL SPECIFICATION.**

<b>SERVICE: TUBING CONVEYED PERFORATION SERVICES (3.3/8" gun system 6 spf, 7" and 4.1/2" gun systems 12 spf)ANNEXURE - B27</b>		
<b>Service Code: S-3</b>		<b>Bidder's Code:</b>
<b>OIL's Required Specifications</b>	<b>Bidder's Specification</b>	<b>Compliance/ Non-compliance</b>
	Tubing conveyed perforation services using a) 3 <sup>3</sup> / <sub>8</sub> inch TCP gun: 6 SPF b) 4 <sup>1</sup> / <sub>2</sub> inch gun: 12 spf c) 7 inch gun : 12 spf <u>Service type</u> i) shoot and pull mechanism ii) shoot and drop mechanism	
FIRING HEAD:	Following type of firing head is required : i) Mechanical firing head ii) Hydraulic firing head iii) Redundant firing head (Hydraulic + Mechanical or Hydraulic +Hydraulic)	
OTHER ACCESSORIES:	i) Radioactive Marker Sub ii) Crossovers iii) <b>Bidder has to provide all other standard accessories of TCP assembly required for all TCP jobs.</b>	
CHARGE TYPE:	HMX, API- RP43/19B,	
RANGE:	i) For 5.1/2 inch casing using 3.3/8 inch gun: EHD of minimum 0.33 inches and penetration minimum 36.5 inches, ii) For 7" casing using 4 1/2 inch gun: EHD of minimum <b>0.38 inches</b> and penetration minimum 24 inches (Phasing: 45°/135°) iii) For 9.5/8" casing using 7 inch gun: EHD of minimum <b>0.29 inches</b> and penetration minimum <b>24 inches</b> (Phasing: 45°/135°)	
TOOL DIAMETER:	To be capable of running through 5 <sup>1</sup> / <sub>2</sub> inch, 7 inch and 9.5/8 inch casing	
TEMPERATURE RATING:	300° F Minimum.	
PRESSURE RATING:	12000 psi minimum	

**REVISED TOOL SPECIFICATION.**

<b>SERVICE: TUBING CONVEYED PERFORATION SERVICES (3.3/8" gun system 6 spf, 7" and 4.1/2" gun systems 12 spf)ANNEXURE - B27</b>			
<b>Service Code: S-3</b>		<b>Bidder's Code:</b>	
<b>OIL's Required Specifications</b>		<b>Bidder's Specification</b>	<b>Compliance/ Non-compliance</b>
	Tubing conveyed perforation services using a) 3 <sup>3</sup> / <sub>8</sub> inch TCP gun: 6 SPF b) 4 <sup>1</sup> / <sub>2</sub> inch gun: 12 spf c) 7 inch gun : 12 spf <u>Service type</u> i) shoot and pull mechanism ii) shoot and drop mechanism		
FIRING HEAD:	Following type of firing head is required : i) Mechanical firing head ii) Hydraulic firing head iii) Redundant firing head (Hydraulic + Mechanical or Hydraulic +Hydraulic)		
OTHER ACCESSORIES:	i) Radioactive Marker Sub ii) Crossovers iii) <b>Bidder has to provide all other standard accessories of TCP assembly required for all TCP jobs.</b>		
CHARGE TYPE:	HMX, API- RP43/19B,		
RANGE:	i) For 5.1/2 inch casing using 3.3/8 inch gun: EHD of minimum 0.33 inches and penetration minimum 36.5 inches,  ii) For 7" casing using 4 1/2 inch gun: EHD of minimum <b>0.29 inches</b> and penetration minimum 24 inches (Phasing: 45°/135°)  iii) For 9.5/8" casing using 7 inch gun: EHD of minimum <b>0.35 inches</b> and penetration minimum <b>38 inches</b> (Phasing: 45°/135°)		
TOOL DIAMETER:	To be capable of running through 5 <sup>1</sup> / <sub>2</sub> inch, 7 inch and 9.5/8 inch casing		
TEMPERATURE RATING:	300° F Minimum.		
PRESSURE RATING:	12000 psi minimum		

**ORIGINAL TOOL SPECIFICATION****ANNEXURE – B34****SERVICE: MULTI-FINGER IMAGING CALIPER**

<b>Service Code: S-9</b>		<b>Bidder's Code:</b>	
<b>OIL's Required Specifications</b>		<b>Bidder's Specification</b>	<b>Compliance/ Non-compliance</b>
MEASUREMENTS:	Tool should be capable of making highly accurate radial measurements of the internal diameter of tubing and casing strings. Any other measurements that the tool is capable of recording.		
TOOL TYPE:	i) 24 finger extended and ii) 40 finger standard readings		
TOOL OD:	i) 24 finger extended: 1.69" ii) 40 finger standard: 2.75"		
MEASURING RANGE:	With a measuring range of 1.75" to 7.00" and 3.00" to 7.00"		
RADIAL RESOLUTION:	Tool should at least have a 0.005"- 0.007" radial resolution		
TEMPERATURE RATING:	300° F Minimum.		
PRESSURE RATING:	15000 psi minimum		

**REVISED TOOL SPECIFICATION**

<b><u>SERVICE: MULTI-FINGER IMAGING CALIPER</u></b>		<b><u>ANNEXURE – B34</u></b>	
<b>Service Code: S-9</b>		<b>Bidder's Code:</b>	
<b>OIL's Required Specifications</b>		<b>Bidder's Specification</b>	<b>Compliance/ Non-compliance</b>
MEASUREMENTS:	Tool should be capable of making highly accurate radial measurements of the internal diameter of tubing and casing strings. Any other measurements that the tool is capable of recording.		
TOOL TYPE:	iii) 24 finger extended and iv) 40 finger standard readings		
TOOL OD:	i) 24 finger extended: 1.69" ii) 40 finger standard: 2.75"		
MEASURING RANGE:	With a measuring range of 2.00" to 7.00" and 3.00" to 7.00"		
RADIAL RESOLUTION:	Tool should at least have a 0.005"- 0.007" radial resolution		
TEMPERATURE RATING:	300° F Minimum.		
PRESSURE RATING:	15000 psi minimum		

**ORIGINAL TOOL SPECIFICATION**

<b>SERVICE: DOWN HOLE VIDEOANNEXURE – B32</b>			
<b>Service Code: OS-1</b>		<b>Bidder's Code:</b>	
<b>OIL's Required Specifications</b>		<b>Bidder's Specification</b>	<b>Compliance/ Non-compliance</b>
MEASUREMENTS:	<ul style="list-style-type: none"> <li>i) To see the downhole borehole condition, which include quality assurance, gas entry, water entry, fishing operations, detect casing or tubing leaks, spot mineral deposit, find scale corrosion and bacterial buildup. Examine the condition of downhole equipment, inspect the operation of downhole equipment, casing &amp; perforation inspection and general problem identification.</li> <li>ii) Identifying fish in the hole and allow real-time viewing of moveable downhole structural equipment, such as safety valves opening and closing.</li> <li>iii) Should deliver video data to a CD in a mpg format as well as recording it to a VHS tape.</li> </ul>		
TOOL DIAMETER:	To be capable of running in minimum 6 inch to max. 20 inch.		
TEMPERATURE RATING:	257° F Minimum.		
PRESSURE RATING:	10000-15000 psi		

**AMENDED TOOL SPECIFICATION**

**SERVICE: DOWN HOLE VIDEOANNEXURE - B32**

<b>Service Code: OS-1</b>		<b>Bidder's Code:</b>	
<b>OIL's Required Specifications</b>		<b>Bidder's Specification</b>	<b>Compliance/ Non-compliance</b>
MEASUREMENTS:	i) To see the downhole borehole condition, which include quality assurance, gas entry, water entry, fishing operations, detect casing or tubing leaks, spot mineral deposit, find scale corrosion and bacterial buildup. Examine the condition of downhole equipment, inspect the operation of downhole equipment, casing & perforation inspection and general problem identification.  ii) Identifying fish in the hole and allow to take real-time high definition colour video with high transmission rate greater than at least 15 frames/second and that should include down view plus side view camera.  iii) Color high definition camera with transmission rate greater than 20 frames per second should be able to run on Slickline as well as Coiled tubing on memory module. Contractor will supply a 2 1/4" OD coiled tubing circulating sleeve to protect the memory camera and battery housing and to facilitate the pumping of clean fluids in front of the camera view port  iv) Should deliver video data to a CD in standard Viewing format.		
TOOL DIAMETER:	To be capable of running in minimum 6 inch to max. 20 inch.		
TEMPERATURE RATING:	257° F Minimum.		
PRESSURE RATING:	10000-15000 psi		

**NOTE 1 : REVISED PRICE BID FORMAT (PROFORMA - A) has been provided in excel format as a separate file.**

**NOTE 2 :** All other terms and conditions remain unchanged.

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