OIL INDIA LIMITED RAJASTHAN FIELD JODHPUR

AMENDMENT No. 10 Dated 09.04.2021 To TENDER No. CJI6227P21

1.0 The amendment has been issued to amend the following against the tender:

2.0

Clause no.				Original Clause			Amended clause				
Note under	Para	В	of	Recording	capa	city	of	Recording	capa	acity	of
Annexure-II				minimum	6,000	chann	els	minimum	2,000	chann	els
				•			at 2 ms sa	mpling	interva	1	

- 3.0 Revised Checklist-II is uploaded along with this amendment. Bidders to fill up the same and upload it with their technical bid.
- 4.0 All other terms & Conditions remain unchanged.

CHECKLIST - II

TENDER NO.: CJI6227P21

TO BE FILLED BY THE BIDDERS

LIST OF KEY PERSONNEL TO BE OFFERED BY THE BIDDER

SI.	Name	position	Work Experience		Detailed Resume	Reference in terms of Page
No.					Attached in the	no., Annexure etc. of
					Technical Offer	bidder's offer
			2D Seismic	3D Seismic	Yes / No	
			(in Months & Years)	(in Months & Years)	Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	
					Yes / No	

Note: Bidder shall add additional columns, rows and pages if required

SURVEY

URVEY						
Α	SURVEY EQUIPMENT: Not more than	three (3) yea	ars old, ending las	t day of the month	previous to the one in	which bids are invited.
SL. No.	Equipment	Quantity	Model & Make	Year of Manufacture	Documentary evidence in support of vintage is enclosed	Reference in terms of Page no., Annexure etc. of bidder's offer
1	DGPS (RTK) Units capable of operating in L1 & L2 modes with required accessories and software in adequate quantity.				Yes / No	
2	Total Stations with data loggers, accessories and survey software in adequate quantity.				Yes / No	
SEISI	IIC RECORDING SYSTEM				•	
В	Not more than three (3) years old, en	nding last day	of the month pro	evious to the one i	in which bids are invited	l. The equipment must be
	in perfect working condition. The nu			• .	ones to be deployed m	ust be adequate to obtain
	the production required to complete	the work wit			<u> </u>	
SL. No.	Equipment	Quantity	Model & Make	Year of Manufacture	Documentary evidence in support of vintage is enclosed	Reference in terms of Page no., Annexure etc. of bidder's offer
1	Seismic Data Recording System – Telemetry/Cableless with real time data acquisition and quality control of noise etc. System with 24-bit ΔΣ Technology.				Yes / No	
2	24 bit recorder and correlator/stacker				Yes / No	
3	Minimum 2000 channels at 2ms sampling interval				Yes / No	
4	Sufficient Remote Units, Interconnect boxes etc.				Yes / No	
5	Geophone: Number of geophones per station must be 12 (Twelve) having industry standard spike length. The configuration of Analog Geophones string must be: 6 x2 [(6 in series and two (2) such series in parallel)] for 10 Hz Geophones meeting the specified effective impedance, sensitivity and damping of the string. The offered				Yes / No	

	Combanas must be fully					
	Geophones must be fully					
	compatible with seismic data					
	acquisition system along with interface					
	/ line telemetry cables.					
	Specifications: Mentioned in point J					
	<u>below</u>					
6	Cables				Yes / No	
Cable	s & Geophones: Not more than One (1) y	ear old, en	ding last day of th	e month previous	to the one in which bid	s are invited.
С	VIBRATORS: Not more than five (5) yea	rs old, endi	ng last day of the	month previous t	o the one in which bids	are invited.
SL.	Equipment	Quantity	Model & Make	Year of	Documentary	Reference in terms of Page
No.		•		Manufacture	evidence in support of	no., Annexure etc. of
					vintage is enclosed	bidder's offer
1	Peak force should be greater than of 60,000 lb				Yes / No	
2	Frequency Limits 7 Hz to 200 Hz or better				Yes / No	
3	Capable of generating linear and nonlinear				Yes / No	
	sweeps				·	
4	All terrain buggies				Yes / No	
5	Sand Tyres suitable for traversing the				Yes / No	
	terrain in the area					
6	Each Vibrator with GPS system				Yes / No	
Note:	If vibrators are more than five years old,	then the vi	brators must have	e been overhauled	l during last 5 (five) yea	rs ending last day of the
month	previous to the one in which bids are in	vited. Docu	mentary evidence	e in this regard ne	eds to be furnished.	
D	LVL/UP-HOLE SURVEY EQUIPMENT: No	t more tha	n three (3) years o	old, ending last da	y of the month previou	s to the one in which bids
	are invited					
SL.	Equipment	Quantity	Model & Make	Year of	Documentary	Reference in terms of Page
No.		,		Manufacture	evidence in support of	no., Annexure etc. of
					vintage is enclosed	bidder's offer
1	24 channel digital recorder with 1 ms				Yes / No	
	Sampling Interval and data recording cable					
	for minimum 300m offset					
2	Refraction Geophones 4.5 Hz. The				Yes / No	
	Geophones must meet manufacturer's					
	specifications.					
3	Uphole Survey Digital Recorder with a				Yes / No	
	minimum of 4 channels and downhole					

	cable budgenhans and geenhanes					
	cable, hydrophone and geophones					
	suitable for logging to 100 m with weight					
4	drop source. Weight drop unit (Truck Mounted)				Yes / No	-
4					·	Not as a second
E	COMPUTING: Required to control the q	-	•		•	company. Not more than
	three (3) years old, ending last day of th	ie montn p	revious to the on	e in which bids are	e invited	
SOFTV				., .	1_	
SL.	Equipment	Quantity	Model & Make	Year of	Documentary	Reference in terms of Page
No.				Manufacture	evidence in support of	no., Annexure etc. of
					vintage is enclosed	bidder's offer
1	Survey data management & processing.				Yes / No	
2	2D/3D field management /planning.				Yes / No	
3	2D/3D survey simulation (OMNI/MESA or equivalent).				Yes / No	
4	LVL / Uphole data processing and				Yes / No	
	interpretation.					
HARD	WARE (Stand-alone workstations with adec	quate RAM,	Disk-space, DVD I	Orives)		
1	Survey data management &processing.				Yes / No	
2	2D/3D field management /planning.				Yes / No	
3	2D/3D survey simulation (OMNI/MESA or				Yes / No	
	equivalent).					
4	LVL / Uphole data processing and				Yes / No	
	interpretation.					
F	EQUIPMENT FOR FIELD 2D DATA PRO	CESSING: F	ull Fledged 2D Se	eismic Data Proces	ssing software for QC p	processing of acquired 2D
	seismic data					
SL.	Equipment	Quantity	Model & Make	Year of	Documentary	Reference in terms of Page
No.				Manufacture	evidence in support of	no., Annexure etc. of
					vintage is enclosed	bidder's offer
1	HARDWARE: Not more than three years (3)	old, ending	last day of the mo	nth previous to the	one in which bids are invi	ted.
	Workstation (CPU Type and Speed)					
	RAM				Yes / No	
	HDD Capacity					
2	Colour Printer				Yes / No	
3	Colour Plotter				Yes / No	
4	Tape Drive					
	a) IBM-3592				Yes / No	
5	SOFTWARE: Full-fledged 2D Seismic Data P ending last day of the month previous to the	rocessing so ne one in wh	ftware for QC proc nich bids are invited	essing of acquired 2 d.	D seismic data. Not more	than three (3) years old,

	Field Processing Software	No. of License	Version	Year of Release	Documentary evidence in support of Vintage is enclosed	Reference Page No. if Documentary Evidence is enclosed
	Version and year of release of software					
	Status of maintenance contract of the Proces furnished.	ssing Softwa	re to be	Maintenance cor Software is enclose		Reference Page No. if Documentary Evidence is enclosed
					es / No	
	The field processing software must be capal Migration	ole of proces	ssing 2D Seismic Da	ata upto Post-Stack	Y	es / No
G	EQUIPMENT FOR 2D SEISMIC DATA PRO	CESSING:	The Bidders mus	t provide the techni	ical details of following	equipment (Hardware &
	Software) to be used for processing					
SL. No.	Equipment	Quantity	Model & Make	Oth	er Details	Year of Manufacture
	mentioned under Item B.1.0, Section-II for processing of the 2D Vibroseis Seism	•	Bidder has to fur	nish the complete c	letails of the hardware	proposed to be deployed
1						
2						
3						
4						
5						
6						
	Software: Details of complete processing package release date, version, and status of maintenance contract etc. – The 2D Seismic Data Pr Software must be of the latest version.					
	Processing Software	No. of License	Version	Year of Release	Documentary evidence in support of Vintage is enclosed	Reference Page No. if Documentary Evidence is enclosed
7					Yes / No	
8					Yes / No	
9					Yes / No	
10					Yes / No	
11					Yes / No	
12					Yes / No	
13	System Layout Diagram (including tape drives, plotter, and other I/O interface).	Attach	ned with the technic	al Offer :Yes / No	Reference in terms of bidder's offer	Page no., Annexure etc. of
14	Brochures of Hardware and Software packages.	Attach	ned with the technic	al Offer :Yes / No	Reference in terms of bidder's offer	Page no., Annexure etc. of

15	Location of the Processing Centre	2.	Details Att	ached with the tec	chnical Offer :Yes / No	Reference in terms o bidder's offer	f Page no., Annexure etc. of
Н	COMMUNICATION EQUIPME sufficient for the project and				•	g V-Sat, walkie-talkie	es, VHF radios, SSB radios,
SL.		quipment			Quantity	Model & Make	Year of Manufacture
No.				ζωω,			
1							
2							
I	TRANSPORT: Bidders must pr	ovide off-	road vehicl	es suitable for t	traversing the sand	dune in desert areas	of western Rajasthan. The
	vehicles must be in running co	ondition ar	nd all seats,	back and front	must have seats belt	s. Bidders must also	deploy the following
SL.	Equipment		Quantity	Model & Make			Year of Manufacture
No.							
1	Water tanker, 4 x 4 wheel driv Hole survey, supply of drinking field, etc).						
2	Recording System in an air- conditi on a 4 x 4 wheel truck/vehicle	Recording System in an air- conditioned cabin on a 4 x 4 wheel truck/vehicle					
3	Truck for weight drop unit (for L' Hole Survey)	VL/Up-					
4	Mobile Drilling rig capable of drilling hole of diameter-12 cm, and drilling up to 100m in sand due country with hard rock formations (for Up-Hole Survey)						
5	BULLDOZERS : Minimum two (2) B	ulldozers					
	in good working condition						
J	Specification of Geophone Strin	g: The like	ly products	are Sercel SG-10	0 / Sensor SM24HS /	Equivalents.	
		Sl. No.	Paramete	rs	Values		
		1	Sensitivity	/	120-170 V/m/sec		
		2	Distortion		<0.2%		
		3	Natural Fi	requency	Upto 10 Hz		
		4	Tilt		0 to 15°		
		5		Frequency	> 240Hz		
		6 7		Temperature	Up to 90°C		
		/	Polarity		SEG standard		

Note: The bidder must submit a document from the Original Equipment Manufacturer (OEM) of the digital sensor/geophone string at the time of bid submission, certifying that the specifications of the sensors are being provided in accordance with the technical specifications specified in the tender document. The bidder shall furnish the details of the offered sensors configuration and enclose a technical list qualifying the specifications as a separate sheet.

Contact No.:					
Survey Location:					
Contact Value:					
Contract Type (Put √ in the appropriate	box below)				
2D/3D Seismic Data Acquisition		2D/3D Seismic Data Ac	q. and Proc. Up to Pre-STM	2D/3D Seisr	nic Data Acq. and Proc. Up to Pre-STM
Volume of Job Completed					
2D/3D Seismic Data Acquisition (GLKI	M/SQ.KM)	2D/3D Seismic Data Ac (GLKM/SQ.KM)	q. and Proc. Up to Pre-STM	2D/3D Seisr (GLKM/SQ.	mic Data Processing up to Pre-STM
Survey Start Date			Processing Start Date		

Work Experience Data Sheet

Client Details							
Company		Reference Name					
Telephone		Fax No:					
E-Mail							
Defended in terms of page to Appending the of hidden's offer (regarding decomposition) evidence should							

Reference in terms of page no., Annexure etc. of bidder's offer (regarding documentary evidence above)

Scope of Work (In brief):

