

**PREQUALIFICATION REPORT**  
**TENDER NO. PROC-SERVICES/CB/EXPL-3185/2018**  
**PREQUALIFICATION OF SEISMIC DATA PROCESSING COMPANIES**

Sr#	Bidders Name	Local Agent	Prequalified (Yes/No)		Remarks
			Fold Thrust Belt & Salt Tectonics Regime	Extensional & Strike Slip Tectonics Regime	
1	M/s Western Geco Data Services Middle East Ltd.,	-	Yes	Yes	<b>Prequalified</b> for both regimes, recommended processing centers, listed in order of preference are (1)Denver, USA (2)Gatwick, UK
2	M/s South Asia Geophysical Services, Islamabad	-	Yes	Yes	<b>Prequalified</b> for both regimes, recommended processing centers, listed in order of preference are (1)BGP GRI Beijing, China (2)BGP Processing Center, Malaysia
3	M/s Geophysical Prospecting Company of SINOPEC Henan Petroleum Exploration Bureau (Pakistan Branch)	-	Yes	Yes	<b>Prequalified</b> for both regimes, recommended processing centers, listed in order of preference are (1)Zhengzhou, China (2)Beijing, China
4	M/s PetroTrace Geoscience Company, Moscow	M/s Santak Services International Pvt. Ltd., Islamabad	Yes	Yes	<b>Prequalified</b> for both regimes, recommended processing centers, listed in order of preference are (1)Moscow center, Russia (2) London center, UK
5	M/s CGG Vostok LLC Russia	M/s Shahzad International, Islamabad	Yes	Yes	<b>Prequalified</b> for both regimes, recommended processing centers, listed in order of preference are (1) London Crawley, UK (2)Vostok Moscow, Russia

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Sr#	Bidders Name	Local Agent	Prequalified (Yes/No)		Remarks
			Fold Thrust Belt & Salt Tectonics Regime	Extensional & Strike Slip Tectonics Regime	
6	M/s Geofizyka Torun S.A, Poland	-	Yes	No	Not qualified for extensional & strike slip tectonics regime. <b>Prequalified</b> for fold thrust belt & salt tectonics regime only, recommended processing center is Torun center, Poland.
7	M/s Rosgeo Zarubezhgeologia , Moscow	M/s Petro Allied Solutions Pvt. Ltd., Islamabad	Yes	No	Not qualified for extensional & strike slip tectonics regime. <b>Prequalified</b> for fold thrust belt & salt tectonics regime only, recommended processing center is Moscow center, Russia
8	M/s Dana Geophysics Pakistan Pvt., Ltd.,	-	No	Yes	Not qualified for fold thrust belt & salt tectonics regime. <b>Prequalified</b> for extensional & strike slip tectonics regime only and recommended processing centers, listed in order of preference are (1)Hannover, Germany (2)Tehran, Iran
9	M/s Thrust Belt Imaging Inc., Canada	-	Yes	No	Bid not submitted for extensional & strike slip tectonics regime. <b>Prequalified</b> for fold thrust belt & salt tectonics regime only, recommended processing center is Calgary center, Canada
10	M/s Geoscience LLC, Moscow	-	No	No	Obtained less than 80% marks in both regimes
11	M/s China Oilfield Services Limited, China	M/s Ahmed Jaffer & Company Ltd., Islamabad	No	No	Obtained less than 80% marks in both regimes
12	M/s Honghua International Co., Ltd, China	M/s Huamet Technology Pvt. Ltd., Islamabad	No	No	Obtained less than 80% marks in both regimes

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Sr#	Bidders Name	Local Agent	Prequalified (Yes/No)		Remarks
			Fold Thrust Belt & Salt Tectonics Regime	Extensional & Strike Slip Tectonics Regime	
13	M/s PreStack Solutions GEO AS, Norway	LMK Resources Pakistan (Pvt.) Ltd., Islamabad	No	No	Obtained less than 80% marks in both regimes
14	M/s LandOcean Energy Services Co., Ltd., China	-	No	No	Obtained less than 80% marks in both regimes
15	M/s PetroTrace Services LLC, Moscow	-	No	No	Obtained less than 80% marks in both regimes

Detailed evaluation sheet is attached herewith

*Aliq*

*M. Ashraf*

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**ANNEXURE-A (Fold Thrust Belt and Salt Tectonics Regime)**

S#	Description	Point for each category	Total	ROS GEO	GT Poland	TBI	COSL	HANGUA	PSS GEO	GEO Science	CGG Vostok	SINOPEC	Petro-Trace LLC	Petro-Trace GSU	DANA	SAGEO	Land Ocean	Western Geco
1	Number of years in Seismic Data Processing		5	5	5	5	5	5	5	4	5	5	5	4	5	5	4	5
	i.	10 or more years	5															
	ii.	7 to 9 years	4															
	iii.	Less than 7 years (shall not be considered)	0															
2	Number of Processing Centers Worldwide (Detail of Locations must be provided)		3	1	1	1	1	1	3	1	3	3	1	3	1	3	1	3
	i.	3 or more processing centers	3															
	ii.	Less than 3 processing centers	1															
3	Number of Processing Staff available at Processing Center		10	10	10	4	10	10	4	4	10	10	7	10	10	10	7	10
	i.	20 or more persons	10															
	ii.	15 to 19 persons	7															
	iii.	8 to 14 persons	4															
	iv.	Less than 8 persons (shall not be considered)	0															
4	Qualification/ Education of Team Leaders		10	10	10	10	10	10	4	6	10	10	7	10	10	10	7	10
	i.	Master's in Geophysics or higher	10															
	ii.	Bachelor's in Geophysics	8															
	iii.	Master's in other discipline or higher	6															

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	iv.	Bachelor's in other discipline or higher	5																
5	Experience of Team Leaders in terms of projects undertaken			20															
5A	3D Processing Projects in Fold thrust Belt & Salt Tectonics Regimes in Last Five years				10	10	10	6	0	0	10	10	10	6	10	10	10	0	10
	i.	More than 15 projects	10																
	ii.	10 to 15 projects	8																
	iii.	5 to 9 projects	6																
	iv.	Less than 5 projects	0																
5B	2D Processing Projects Fold thrust Belt & Salt Tectonics Regimes in Last Five years				8	8	10	0	0	0	10	8	10	6	6	10	10	0	10
	i.	More than 15 projects	10																
	ii.	10 to 15 projects	8																
	iii.	5 to 9 projects	6																
	iv.	Less than 5 projects	0																

6	Seismic Data Processing Experience of Team Leaders in terms of years			10	6	10	10	6	6	10	10	10	10	10	10	10	10	4	10
	i.	20 years or more years	10																
	ii.	15 to 19 years	8																
	iii.	10 to 14 years	6																
	iv.	7 to 9 years	4																
	v.	Less than 7 years	0																

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7	Number of Projects undertaken in Fold thrust Belt & Salt Tectonics Regime in last 5 years by Processing Center		28															
7A	No. of 2D PSTM Projects undertaken by Processing Center			5	5	7	5	5	5	5	5	7	5	5	5	5	5	7
	i.	20 or more projects	7															
	ii.	15 to 19 projects	5															
	iii.	10 to 14 projects	3															
		Less than 10 projects	0															
7B	No. of 3D PSTM Projects undertaken by Processing Center			7	7	7	3	3	0	7	7	7	3	7	5	7	5	7
	i.	15 or more projects	7															
	ii.	10 to 14 projects	5															
	iii.	5 to 9 projects	3															
	iv.	Less than 5 projects	0															
7C	No. of 2D PSDM Projects undertaken by Processing Center			5	5	7	5	5	5	5	5	7	5	5	5	5	7	7
	i.	15 or more projects	7															
	ii.	10 to 14 projects	5															
	iii.	5 to 9 projects	3															
	iv.	Less than 5 projects	0															
7D	No. of 3D PSDM Projects undertaken by Processing Center			7	3	5	3	3	0	5	7	7	3	7	3	5	5	7
	i.	15 or more projects	7															
	ii.	10 to 14 projects	5															
	iii.	5 to 9 projects	3															
	iv.	Less than 5 projects	0															

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<b>8A</b>	<b>Number of CPUs at Processing Center</b>		3	2	3	1	3	3	3	3	2	3	3	3	3	3	3	
	i.	>1500 CPUs	3															
	ii.	< 1500 and > 800 CPUs	2															
	iii.	400 to 800 CPUs	1															
	iv.	< 400 CPUs	0															
<b>8B</b>	<b>Disk Storage capacity in TB at Processing Center</b>		3	2	3	1	3	3	3	1	3	3	3	3	3	3	3	
	i.	>400 TB	3															
	ii.	>400 and <200 TB	2															
	iii.	100 to 200 TB	1															
	iv.	< 100 TB	0															
<b>8C</b>	<b>Types of Tape drives available at Processing Center</b>		3	3	3	2	3	2	3	2	3	2	3	1	3	3	2	2
	i.	LTO3, LTO4, LTO5, 3590, 3490, 3480, SDLT, DLT4	3															
	ii.	LTO3, LTO4, 3590, 3490	2															
	iii.	LTO3, LTO4, 3590,	1															
<b>9</b>	<b>Software to be used</b>		3	1	1	1	1	1	1	1	3	1	1	1	1	3	3	3
	i.	Proprietary software of the Contractor	3															
	ii.	Proprietary software of a sister company	2															
	iii.	3rd Party Software	1															
<b>10</b>	<b>Facility for remote/ interactive data QC</b>		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	i.	Yes	2															
	ii.	No	0															

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	ROS GEO	GT Poland	TBI	COSL	HANGUA	PSS GEO	GEO Science	CGG Vostok	SINOPEC	Petro Trace LLC	Petro Trace GSU	Dana	SAGE O	Land Ocean	Western Geco
CATEGORY-5 (Pass Marks-14)	18	18	20	6	0	0	20	18	20	12	16	20	20	0	20
CATEGORY-7 (Pass Marks-20)	24	20	26	16	16	10	22	24	28	16	24	18	22	22	28
TOTAL MARKS (Pass Marks-80)	84	86	83	66	59	48	76	93	97	70	87	86	94	58	99



**ANNEXURE-B (Extensional and Strike Slip Tectonics Regime)**

S#	Description	Point for each category	Total	ROS GEO	GT Poland	TBI	COSL	HANGUA	PSS GEO	GEO Science	CGG Vostok	SINOPEC	Petro-Trace LLC	Petro-Trace GSU	Dana	SAGEO	Land Ocean	Western Geco
1	Number of years in Seismic Data Processing		5	5	0	0	5	5	5	0	5	5	5	4	5	5	4	5
	i. 10 or more years	5																
	ii. 7 to 9 years	4																
	iii. Less than 7 years	0																
2	Number of Processing Centers Worldwide (Detail of Locations must be provided)		3	1	0	0	1	1	3	1	3	3	1	3	1	3	1	3
	i. 3 or more processing centers	3																
	ii. Less than 3 processing centers	1																
3	Number of Processing Staff available at Processing Center		10	10	0	0	10	10	4	4	10	10	7	10	10	10	7	10
	i. 20 or more persons	10																
	ii. 15 to 19 persons	7																
	iii. 8 to 14 persons	4																
	iv. Less than 8 persons (shall not be considered)	0																
Note: Company shall allocate dedicated team for OGDCL projects.																		
4	Qualification/ Education of Team Leaders		10	10	0	0	10	5	6	6	6	10	10	10	10	10	10	8
	i. Master's in Geophysics or higher	10																
	ii. Bachelor's in Geophysics	8																
	iii. Master's in other discipline or higher	6																
	iv. Bachelor's in other discipline or higher	5																

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5	Experience of Team Leaders in terms of projects undertaken		20															
5A	3D Processing Projects in Extensional & Strike Slip Tectonics Regimes in Last Five years			8	0	0	0	0	0	10	10	10	0	10	10	10	0	10
	i.	More than 15 projects	10															
	ii.	10 to 15 projects	8															
	iii.	5 to 9 projects	6															
	iv.	Less than 5 projects	0															
5B	2D Processing Projects in Extensional & Strike Slip Tectonics Regimes in Last Five years			6	0	0	0	0	0	10	8	10	6	6	6	10	0	10
	i.	More than 15 projects	10															
	ii.	10 to 15 projects	8															
	iii.	5 to 9 projects	6															
	iv.	Less than 5 projects	0															
Note: Team leaders can be separate for 2D & 3D projects.																		

6	Seismic Data Processing Experience of Team Leaders in terms of years		10	6	0	0	10	6	10	10	10	10	10	10	10	10	4	10
	i.	20 years or more years	10															
	ii.	15 to 19 years	8															
	iii.	10 to 14 years	6															
	iv.	7 to 9 years	4															
	v.	Less than 7 years (shall not be considered)	0															

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<b>7</b>	<b>Number of Projects undertaken in Extensional / Strike Slip Regime in last 3 years</b>	<b>28</b>															
<b>7A</b>	<b>No. of 2D PSTM Projects undertaken by Processing Center (detail of same must be provided)</b>		<b>5</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>7</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>7</b>	<b>5</b>	<b>7</b>
i.	20 or more projects	7															
ii.	15 to 19 projects	5															
iii.	10 to 14 projects	3															
	Less than 10 projects	0															
<b>7B</b>	<b>No. of 3D PSTM Projects undertaken by Center</b>		<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>5</b>	<b>7</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>7</b>	<b>5</b>	<b>3</b>	<b>7</b>
i.	15 or more projects	7															
ii.	10 to 14 projects	5															
iii.	5 to 9 projects	3															
iv.	Less than 5 projects	0															
<b>7C</b>	<b>No. of 2D PSDM Projects undertaken by Center</b>		<b>5</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>7</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>7</b>
i.	15 or more projects	7															
ii.	10 to 14 projects	5															
iii.	5 to 9 projects	3															
iv.	Less than 5 projects	0															
<b>7D</b>	<b>No. of 3D PSDM Projects undertaken by Center</b>		<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>5</b>	<b>7</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>5</b>	<b>7</b>	<b>0</b>	<b>7</b>
i.	15 or more projects	7															
ii.	10 to 14 projects	5															
iii.	5 to 9 projects	3															
iv.	Less than 5 projects (shall not be considered)	0															

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<b>8A</b>	<b>Number of CPUs at Processing Center</b>		3	2	0	0	3	3	3	3	2	3	3	3	3	3	3	
	i. >1500 CPUs	3																
	ii. < 1500 and > 800 CPUs	2																
	iii. 400 to 800 CPUs	1																
	iv. < 400 CPUs	0																
<b>8B</b>	<b>Disk Storage capacity in TB at Processing Center</b>		3	2	0	0	3	3	3	3	3	3	3	3	3	3	3	
	i. >400 TB	3																
	ii. >400 and <200 TB	2																
	iii. 100 to 200 TB	1																
	iv. < 100 TB	0																
<b>8C</b>	<b>Types of Tape drives available at Processing Center</b>		3	3	0	0	3	2	3	3	3	2	3	1	3	3	2	2
	i. LTO3, LTO4, LTO5, 3590, 3490, 3480, SDLT, DLT4	3																
	ii. LTO3, LTO4, 3590, 3490	2																
	iii. LTO3, LTO4, 3590,	1																
<b>9</b>	<b>Software to be used</b>		3	1	0	0	1	1	1	1	3	1	1	1	1	3	3	3
	i. Proprietary software of the Contractor	3																
	ii. Proprietary software of a sister company of the Contractor	2																
	iii. 3rd Party Software	1																
<b>10</b>	<b>Facility for remote/ interactive data QC</b>		2	2	0	0	2	2	2	2	2	2	2	2	2	2	2	2
	i. Yes	2																
	ii. No	0																

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	ROS GEO	GT Poland	TBI	COSL	HANGUA	PSS GEO	GEO Science	CGG Vostok	SINOPEC	Petro- Trace LLC	Petro- Trace GSU	Dana	SAGE O	Land Ocean	Westen Geco
<b>CATEGORY-5 (Pass Marks-14)</b>	14	0	0	0	0	0	20	18	20	6	16	16	20	0	20
<b>CATEGORY-7 (Pass Marks-20)</b>	16	0	0	16	16	10	20	24	28	10	24	22	24	13	28
<b>TOTAL MARKS (Pass Marks-80)</b>	72	0	0	64	54	50	73	89	97	61	87	86	96	52	97