

TECHNICAL EVALUATION REPORT

FOR HIRING OF 3D ADVANCE SEISMIC DATA PROCESSING SERVICES OF GARHI
AREA FATEHJANG E.L.
TENDER ENQUIRY NO. PROC-SERVICES/LCB/EXPL-4797/2020

Sr. No.	Bidder's Name	Marks Obtained	Technically Responsive (Yes/No)	Reason for Rejection
i.	M/s BGP Inc.	91	Yes	
ii.	M/s Dana Geophysics Pakistan (PVT) Ltd., Islamabad JV with M/s DMT Petrological GmbH, Germany.	94	Yes	
iii.	M/s Schlumberger Seaco Inc.	81	Yes	
iv.	M/s Absolute Imaging Inc. Canada.	82	Yes	
v.	M/s China Oilfield Services Limited.	63	No.	Fails to obtain the qualifying marks i.e. 70%
vi.	M/s TNG Group, Russia.	60	No	Fails to obtain the qualifying marks i.e. 70%
vii.	M/s CGG Vostok LLC, Russia			Rejected. Vide para 72c/n and 51/n. Price of the bank share is less than its par value.

Note: Total Marks are 100 and Qualifying Marks are 70% i.e. 70.

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Cat	Description of Technical Information	Max Marks	Marks Obtained						
			Absolute Imaging	DANA (DMT)	BGP	Schlumberger	TNG Russia	COSL	
	Company History & Profile (mention the list of projects executed in the mentioned time span)	46	37	44	37.33	34	26	18	
1	No. of Years in PSTM Processing	More than 10 years = 04 marks	4	4	4	4	4	4	
		05 to 10 years = 02 marks							
		Less than 05 years = 00 marks							
	No. of Years in PSDM Processing	More than 10 years = 08 marks	8	5	8	8	8	8	2
		8 to 10 years = 05 marks							
		4 to 7 years = 02 marks							
		Less than 4 years = 00 marks							
	No. of Years in RTM/CBM/CRAM Processing	More than 10 years = 05 marks	5	3	5	1	3	0	3
		8 to 10 years = 03 marks							
		4 to 7 years = 01 marks							
Less than 4 years = 00 marks									
No. of Years in Diffraction Imaging Processing	More than 3 years = 05 marks	5	5	5	5	1	0	0	
	2 to 3 years = 03 marks								
	1 to 2 years = 01 marks								
	Less than 1 years = 00 marks								
No. of land 3D projects for PSTM in the last 5 years Annexure IX)	More than 10 projects = 06 marks	6	6	6	6	6	6	1	
	07 to 10 projects = 03 marks								
	03 to 06 projects = 01 marks								
	Less than 03 years = 00 marks								
No. of Land 3D projects for PSDM in the last 5 years Annexure IX)	More than 05 projects = 08 marks	8	8	8	8	8	8	5	
	03 to 05 projects = 05 marks								
	less than 3 projects = 0-2 marks								
	More than 05 projects = 05 marks								
No. of Land 3D projects for RTM/CBM/CRAM in the last 5 years Annexure IX)	03 to 05 projects = 03 marks	5	3	5	5	3	0	3	
	less than 3 projects = 0-1 marks								
	More than 05 projects = 05 marks								
	03 to 05 projects = 03 marks								
No. of Land 3D projects for Diffraction Imaging in the last 3 years Annexure IX)	03 to 05 projects = 03 marks	5	3	3	0.33	1	0	0	
	less than 3 projects = 0-1 marks								
	More than 05 projects = 05 marks								
	03 to 05 projects = 03 marks								
	Processing Facilities Software and Work Flows	22	22	22	22	22	18	18	
2	a. Provide processing sequence up to Final Stack including mandatory processing sequence provided by company + any additional processing steps proposed by the contractor.								
	b. Provide processing modules along with versions which will be applied for proposed processing sequence specially for								
	1. Refraction statics solution	8	8	8	8	8	8	8	
	2. Deconvolution Modules								
	3. Noise Attenuation Modules								
	4. Multiple Attenuation Modules								
	a. Provide PSTM processing sequence (mandatory + proposed additional processing steps)	5	5	5	5	5	5	5	
	b. Provide List of the available PSTM Migration algorithms								
	a. Provide PSDM processing sequence (mandatory + proposed additional processing steps)	5	5	5	5	5	5	5	
	b. Provide List of the available PSDM Migration algorithms								
a. Provide DI processing sequence (mandatory + proposed additional processing steps)	4	4	4	4	4	0	0		
b. Provide List of the available DI algorithms									

Cat	Description of Technical Information	Max Marks	Marks Obtained						
			Absolute Imaging	DANA (DMT)	BGP	Schlumberger	TNG Russia	COSL	
	Hardware	8	8	8	8	8	4	8	
3	Provide List of hardware / machines / equipment in operating condition owned by the company, available with contractors used in land 3D seismic data PSTM and PSDM processing as per Annexure-XI	Hardware/equipment version not older than 05 years=08 marks Hardware/equipment version not older than 08 years=04 marks Hardware/equipment version not older than 10 years=02 marks Hardware/equipment version older than 10 years=00 marks	8	8	8	8	8	4	8
	Manpower (Qualification of 16 Years Degree in Geophysics/ Geology) and having experience in 3D PSTM ,PSDM (Kirchhoff, RTM/CRAM/CBM) and DI Processing	22	15	20	22	16.67	12	19	
4	Attach the resume of the contractor permanently employed manpower for land 3D PSTM processing projects as per Annexure X.	At least 05 professionals with minimum experience of 05-10 years. Scores will be awarded on the basis of experience	5	5	4	5	5	5	5
	Attach the resume of the contractor permanently employed manpower for land 3D PSDM processing projects as per Annexure X.	At least 04 professionals with minimum experience of 05-10 years	7	7	6	7	7	7	7
	Attach the resume of the contractor permanently employed manpower for land 3D RTM/CRAM/CBM processing projects as per Annexure X.	At least 03 professionals with minimum experience of 03-08 years	7	0	7	7	4.67	0	7
	Attach the resume of the contractor permanently employed manpower for land 3D Diffraction imaging processing projects as per Annexure X.	At least 02 professionals with minimum experience of 01-03 years	3	3	3	3	0	0	0
5	Work Plan/Project Schedule/TOR Compliance	Bid Prepared as per TOR Format 100 % Compliance=02 marks Below 100%=00 Marks	2	0	0	2	0	0	0
	OGDCL professional participation in the 3D seismic data processing PSTM, PSDM (Kirchhoff, RTM/CRAM/CBM) and DI) project.			OK	OK	OK	Ok	OK	OK
6	Submit workable QC schedule for OGDCL professionals.	1. During Noise Attenuation & refraction statics. (Two Professionals for 02 weeks) 2. During PSTM processing & finalization. (Two professionals or 02 weeks) 3. During Near Surface and Deep Modelling. (Two Professionals for 02 weeks) 4. During PSDM (Kirchhoff, RTM/ CRAM /CBM) & finalization/ well calibration. (Two Professionals for 02 weeks)	Mandatory	OK	OK	OK	OK	OK	OK
	Total Marks		100	82	94	91	81	60	63

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