

TENDER ENQUIRY NO. PROC-SERVICES/CB/EXPL-5050/2021

**Hiring Advance Seismic Data Processing Services for
Tanda Jabbi-3D and Shekhan-3D**

TECHNICAL EVALUATION

C a t e g o r y	Description of Technical Information	Qualifying Criteria		Max. Marks	AB Imaging	SCHLUMBERGER	TNG
1	Company History & Profile			35	25	31	24
	No. of Years in PSTM Processing of land 3D Seismic Data belonging to Fold and thrust Belt/Salt Tectonics (compressional regime) area	PSTM	More than 10 years = 04 marks Less than 10 years= 00 marks	4	4	4	4
	No. of Years in KPSDM Processing of land 3D Seismic Data belonging to Fold and thrust Belt /Salt Tectonics (compressional regime) area	KPSDM	More than 10 years = 04 marks 8 to 10 years = 03 marks 4 to 7 years =01 marks Less than 4 years=00 marks	4	1	4	1
	No. of Years in CRAM/RTM/CBM Processing of land 3D Seismic Data belonging to Fold and thrust Belt/Salt Tectonics (compressional regime) area	CRAM/RTM/CBM	More than 5 years =03marks 4 to 5 years =02 marks 2 to 3 years =01marks Less than 2 years=00 marks	3	3	3	0
	No. of Years in Diffraction Imaging Processing of land 3D Seismic Data belonging to Fold and thrust Belt/Salt Tectonics (compressional regime) area	DI	More than 3 years = 02marks 2 to 3 years = 01 marks 1 year =0.5 marks Less than 1 years=00 marks	2	2	0	2
	No. of land 3D projects for PSTM in the last 5 years in the fold and thrust Belt (compressional regime) area (Please provide Client list as per Annexure IX)	PSTM	More than 10 projects =05 marks 10 to 7 projects =04 marks less than 7 projects =00 mark	5	4	5	5
	No. of Land 3D projects for KPSDM in the last 5 years in the fold and thrust Belt/Salt Tectonics (compressional regime) area (Please provide Client list as per Annexure IX)	KPSDM	More than 10 projects =05 marks 10 to 7 projects =04 marks less than 7 projects =00 mark	5	5	5	5
	No. of Land 3D projects for Diffraction Imaging in the last 3 years in the fold and thrust Belt/Salt Tectonics (compressional regime) area (Please provide Client list as per Annexure IX)	DI	More than 05 projects =02 marks 03 to 05 projects =1 marks less than 3 projects =00 marks	2	2	0	2
	No. of Land 3D projects for CRAM/RTM/CBM in the fold and thrust Belt/Salt Tectonics (compressional regime) area (Please provide Client list as per Annexure IX)	CRAM/RTM/CBM	More than 05 projects = 7 marks 04 to 03 projects =5 marks 02 to 01 projects =02 marks less than 1 projects =00 marks	7	2	7	2
Number of processing centers worldwide (Detailed Locations Must Provide)	WORLDWIDE	03 or more Processing center = 03 marks Less than 03 Processing center = 02 marks	3	2	3	3	
2	Processing Facilities Software and Work Flows			20	17	20	13

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List of all Processing modules applied for Land 3D seismic data processing upto PSTM must be Provided	Software/Module version used land 3D processing(PSTM) Less than 1-years old=02 marks 01 to 02 years old=1.5 mark More than 02 years old=1 marks	2	1.5	2	1.5
List of all Processing modules applied for Land 3D seismic data upto KPSDM processing must be Provided	Software/Module version used land 3D processing(KPSDM) Less than 1-years old=02 marks 01 to 02 years old=1.5 marks More than 02 years old=1 marks	2	1.5	2	1.5
List of all Processing modules applied for Land 3D seismic data processing upto CRAM/RTM/CBM processing must be Provided	Software/Module version used land 3D processing (CRAM//RTM/CBM) Less than 1-years old=03 marks 01 to 02 years old=02 marks More than 02 years old=01 marks	3	2	3	2
List of all Processing modules applied for Land 3D seismic data processing upto DI must be Provided	Software/Module version used land 3D processing(DI) Less than 1-years old=03 marks 01 to 02 years old=02 marks More than 02 years old=01 marks	3	2	3	2
Details of PSTM processing sequence for mentioned project including optional steps.	Cover 100% of proposed processing flow for PSTM with optional steps=02 marks	2	2	2	1
	Cover 100%-90% of proposed processing flow for PSTM with optional steps=01 marks				
	Cover less than 90% of proposed processing flow for PSTM with optional steps=00 marks				
Details of Depth processing sequence for mentioned project including optional steps.	Cover 100% of proposed processing flow for Depth with optional steps=02 marks	2	2	2	1
	Cover 100%-90% of proposed processing flow for Depth with optional steps=01 marks				
	Cover less than 90% of proposed processing flow for Depth with optional steps=00 marks				
Details of CRAM/RTM/CBM/ for mentioned project including optional steps.	Cover 100% of proposed processing flow for CRAM/RTM/CBM/ with optional steps=03 marks	3	3	3	1
	Cover 100%-90% of proposed processing flow CRAM/RTM/CBM/ with optional steps=01 marks				
	Cover less than 90% of proposed processing flow for CRAM/ RTM with optional steps=00 marks				
Advance processing steps for land 3D	Advance processing modules used for processing other	1	1	1	1

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	PSTM processing.	than already proposed = 01 marks				
	Advance processing steps for land 3D KPSDM processing.	Advance processing modules used for processing other than already proposed = 01 marks	1	1	1	1
	Advance processing steps for land 3D CRAM/RTM/CBM processing	Advance processing modules used for processing other than already proposed = 01 marks	1	1	1	1
	Hardware		06	6	6	4
3	Provide List of hardware / machines / equipment in operating condition owned by the company, available with contractors used in land 3D seismic data Time and Depth processing as per Annexure-XII	Hardware/equipment version not older than 02 years=06 marks Hardware/equipment version not older than 03 years=05 marks Hardware/equipment version not older than 05 years=04 marks Hardware/equipment version older than 05 years=00 marks	06	6	6	4
	Manpower (Qualification of 16 Years Degree in Geophysics/ Geology) and having experience in 3D PSTM,KPSDM,CRAM/RTM/CBM		18	11.5	16	5.5
	Attached the resume of the contractor permanently employed manpower for land 3D PSTM processing projects (Give complete detail experience belonging to Fold and thrust Belt/Salt Tectonics and Processing Center name where professional has worked as per attached Annexure X).	More than 10 professionals with minimum experience of 10 years=04 marks 07 to 10 professionals with minimum experience of 10-years =03 marks 04 to 06 professionals with minimum experience of 10-years =02 marks 02 to 03 professionals with minimum experience of 10-years =01 marks Less than 02 professionals with minimum experience of 10-years =00 marks	4	4	4	1
	Attached the resume of the contractor permanently employed manpower for land 3D KPSDM processing projects (Give complete detail experience belonging to Fold and thrust Belt/Salt Tectonics and Processing Center name where professional has worked as per attached Annexure X).	More than 10 professionals with minimum experience of 10 years=04 marks 07 to 10 professionals with minimum experience of 10-years =03 marks 04 to 06 professionals with minimum experience of 10-years =02 marks 02 to 03 professionals with minimum experience of 10-years =01 marks Less than 02 professionals with minimum experience of 10-years =00 marks	4	4	4	1
4	Attached the resume of the contractor permanently employed manpower for land 3D CRAM/RTM/CBM processing projects (Give complete detail experience belonging to Fold and thrust Belt/Salt Tectonics and Processing Center name where professional has worked as per attached Annexure X).	05 to 07 professionals with minimum experience of 3-years =08 marks 03 to 04 professionals with minimum experience of 3-years =07 marks 01 to 02 professionals with minimum experience of 3-years =03 marks Less than 01 professionals with minimum experience of 3-years =00 marks	8	3	8	3
	Attached the resume of the contractor permanently employed manpower for land 3D Diffraction imaging processing projects (Give complete detail experience belonging to Fold and thrust Belt/Salt Tectonics and Processing Center name where professional has worked as per attached Annexure	More than 10 professionals with experience of 3 years=02 marks 07 to 10 professionals with minimum experience of 3-years =1.5 marks 04 to 06 professionals with minimum experience of 3-years =01 marks 02 to 03 professionals with minimum experience of 3-years =0.5 marks Less than 02 professionals with minimum experience of 3-	2	0.5	0	0.5

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	X).	years =00 marks				
5	Work Plan/Project Schedule		10	8	10	10
	Availability/Start time of Project after receipt of dataset.	Less than 02 weeks =03 mark 02 to 03 weeks = 01 mark More than 03 weeks = 00 marks	3	3	3	3
	Total Turn Around Time 18 Months + 02 months for Deliverables Note: 2 months additional will be for Optional processing DI	PSTM 7 Months =04 marks 8 Months =03 marks More than 8Months =00 marks	4	4	4	4
		Two months break will be for the interpretation of PSTM data by OGDCL for Depth inputs				
	KPSDM, CRAM/ RTM/CBM processing 7 Months = 03 marks 8 Months = 01 marks More than 8 Months =00 marks	03	1	3	3	
6	TOR Compliance	<u>Bid Prepared as per TOR Format</u> 100 % Compliance=02 marks Below 100%=00 Marks	02	00	2	0
7	OGDCL professional participation in the 3D seismic data processing (PSTM, KPSDM, CRAM/ RTM/CBM) project.		04	4	4	4
	Submit workable QC schedule for OGDCL professionals.	<ul style="list-style-type: none"> During Noise attenuation & refraction statics. (Two Professionals for 02 weeks) During PSTM processing & finalization. (Two professionals for 02 weeks) During Near Surface and Deep Modeling. (Two Professionals for 02 weeks) During KPSDM, CRAM/CBM/RTM processing & finalization / well calibration. (Two Professionals for 02 weeks) Agreeing with the schedule will earn maximum marks.	04	4	4	4
8	HSE		05	5	5	5
	Compliance to HSE policy	Provide HSE Compliance manual.	05	5	5	5
	TOTAL MARKS (Qualifying Marks 70%)		100	76.5	94	65.5
	Technically responsive			YES	YES	NO