

OIL INDIA LIMITED
KG BASIN PROJECT
KAKINADA

Amendment No.4 dated 27.11.2019

to

TENDER NO. CEG2303P20

1.0 Pursuant to the prebid meeting held on 19.9.2019, the **revised tender document** with certain changes in Bid Evaluation Criteria, Scope of Work, Terms and Conditions of Contract alongwith amended Price Schedule etc. were notified by Oil India Limited (OIL) to all the prospective bidders on 25.10.2019.

2.0 Subsequently, Amendment No.2 to Tender was issued on 08.11.2019 notifying few changes in tender. Also the price format was further revised and uploaded in e-portal. **Bidders are required to submit their prices as per latest revised price format only.**

3.0 Vide Amendment No. 3 dated 15.11.2019, the Bid closing/opening date was extended upto 06.12.2019.

4.0 This Amendment is now issued for the following:

- (a) QCBS marking vide 1c (Foreign /Indian bidders' seismic data acquisition experience in 2 countries outside country of origin OR Overseas bidder's seismic data acquisition experience in India) and 2 (Annual Turnover of Bidders) stands deleted. The 20 marks catered for these 2 criteria are reappropriated in the other technical experience criterion. The revised criteria attached vide **Annexure-1** shall replace the QCBS criteria in Page Nos. 41 to 47 (Clause 1.1, 1.1.1 and 1.1.2) in Part-2 (BEC) of Amended Tender document.
- (b) Following supplementary clause is added in GCC clause 2.4 (Duration of Contract) vide Section I, Part 3 of Tender document:

2.4.1 The 18 months contract duration comprises of

- *12 operating months for Seismic data acquisition,*
- *Three (3) months of Monsoon break and*
- *Three (3) months for completion of Processing from last date of acquisition.*

In case more than one (1) monsoon break falls during the stipulated contract period of 18 months due to date of LOA and terms of mobilisation as defined in the Contract, the contract duration shall be extended by the period corresponding to the 2nd monsoon break period.

- (c) Clause 1.5 and 1.6 of Section-IV, Part-3 in page Nos. 129 and 130 of revised tender document cover payment mechanism of 2D and 3D seismic data acquisition charges respectively. Vide para 5.0 of Amendment No.2, clarifications on the mechanism were issued. The tender clauses/clarifications have been further reviewed. Arising out of the review, it has been felt necessary to make few changes in these clauses. The revised clauses 1.5 and 1.6 are furnished in **Annexure-2** (enclosed).

All the other terms and conditions of the tender remain unchanged. **Bidders are to submit their Offers considering the latest amendments & clarifications to tender clauses as above on or before 06.12.2019 (11.00AM IST).**

Oil India Limited
KG Basin Project

**TENDER NO. CEG2303P20 WILL BE EVALUATED ON THE BASIS OF QUALITY AND COST
BASED SELECTION (QCBS) CRITERIA.**

THE QCBS CRITERIA IS GIVEN BELOW:

1.1 EVALUATION OF BIDS FOR QUALITY

- i. Bids qualifying as per **Technical Evaluation Criteria (I above)** and **Financial Evaluation Criteria (II above)** shall be eligible for this evaluation.
- ii. Bids shall be evaluated both in terms of **Quality** as well as **Quoted Price** i.e. Quality & Cost Based Selection (QCBS) methodology. The weightage for **Quality is 50** and the weightage for the **Quoted price is 50**
- iii. The marks allocated against various subsections under **Quality** of Bid shall be as hereafter.

1.1.1 Broad classification

Sl.	Quality Criteria	Marks
1	Bidder's experience	50
	Total=	50

1.1.2 Sub breakup of marks shall be as under:

Sl.	Quality Criteria	Marks
(1)	Experience of the Bidder	50 (Max)
(a)	Experience of successful completion of both 2D and 3D onshore seismic survey acquisition with explosive as source in the last seven (07) years preceding the date of Original Bid Closing.	20 (Max)
i)	Cumulative total of 250 LKM to 315 LKM of onshore 2D Seismic Survey AND 305 SQKM to 380 SQKM of onshore 3D Seismic Survey.	12
ii)	Cumulative total of greater than 315 LKM and less than or equal to 375 LKM of onshore 2D Seismic Survey AND greater than 380 SQKM and less than or equal to 460 SQKM of onshore 3D Seismic Survey.	16
iii)	Cumulative total of more than 375 LKM of onshore 2D Seismic Survey AND more than 460 SQKM of onshore 3D Seismic Survey.	20
	OR	

(a)	In case Bidder has only 3D onshore seismic survey acquisition experience with explosive as a source: Experience of successful completion of only 3D onshore seismic survey acquisition with explosive as source in the last seven (07) years preceding the date of Original Bid Closing.	20Max)	
i)	Cumulative total of 340 SQKM to 430 SQKM of onshore 3D Seismic Survey.	12	
ii)	Cumulative total of greater than 430 SQKM and less than or equal to 510 SQKM of onshore 3D Seismic Survey.	16	
iii)	Cumulative total of more than 510 SQKM of onshore 3D Seismic Survey.	20	
	OR		
(a)	In case Bidder has only 2D onshore seismic survey acquisition experience with explosive as a source: Experience of successful completion of only 2D onshore seismic survey acquisition with explosive as source in the last seven (07) years preceding the date of Original Bid Closing provided the bidder has completed one 3D land seismic project using explosive as source in last seven (7) years reckoning the period from the original bid closing date of the tender.	20Max)	
i)	Cumulative total of 2385 LKM to 2980 LKM of onshore 2D Seismic Survey.	12	
ii)	Cumulative total of greater than 2980 LKM and less than or equal to 3580 LKM of onshore 2D Seismic Survey.	16	
iii)	Cumulative total of more than 3580 LKM of onshore 2D Seismic Survey.	20	
(b)	Experience of successful completion of both 2D and 3D onshore seismic data processing including Pre-Stack Time Migration (Pre-STM) in the last seven (07) years preceding the date of Original Bid Closing.	20Max)	
i)	Cumulative total of 250 LKM to 315 LKM of onshore 2D Seismic data processing AND 305 SQKM to 380 SQKM of onshore 3D Seismic data processing.	12	
ii)	Cumulative total of greater than 315 LKM and less than or equal to 375 LKM of onshore 2D Seismic data processing AND greater than 380 SQKM and less than or equal to 460 SQKM of onshore 3D Seismic data processing.	16	

iii)	Cumulative total of more than 375 LKM of onshore 2D Seismic data processing AND more than 460 SQKM of onshore 3D Seismic data processing.	20	
	OR		
(b)	In case Bidder has only 3D onshore seismic data processing experience: Experience of successful completion of only 3D onshore seismic data processing including Pre-Stack Time Migration (Pre-STM) in the last seven (07) years preceding the date of Original Bid Closing.	20Max)	
i)	Cumulative total of 340 SQKM to 430 SQKM of onshore 3D Seismic data processing.	12	
ii)	Cumulative total of greater than 430 SQKM and less than or equal to 510 SQKM of onshore 3D Seismic data processing.	16	
iii)	Cumulative total of more than 510 SQKM of onshore 3D Seismic data processing.	20	
(c)	Experience of the Bidder's: Strength of the Bidder, i.e. the offer submitted on its own strength or through Joint venture partner (s) / Collaborator(s) / Consortium of companies.	10 (Max)	
i)	Offer submitted by bidder through more than one Joint venture partner (s) / Collaborator (s) / Consortium of companies	6	
ii)	Offer submitted by bidder through one Joint venture partner / Collaborator / Consortium of companies.	8	
iii)	Offer submitted by single bidder i.e. on its own strength only	10	

Note:

- I. It shall be the bidder's responsibility to ensure submission of unambiguous /clear and sufficient documentary evidence in support of the evaluation criteria.
- II. OIL reserves the right to verify any or all data/document/information provided by the bidder. False statement by Bidder will make it liable for appropriate action.
- III. **The Minimum Qualifying Marks a bid shall have to meet in Quality Criteria is 30 Marks (Out of 50 marks). Bidders not scoring the minimum qualifying marks in Quality Criteria shall be rejected.**

1.5 2D Seismic Data Acquisition Charges (G):

The Contractor shall be paid the Operating Charges for 2D Data Acquisition in the area per LKM basis for acceptable data acquired along a seismic profile and completed in all respects and provided to Company in requisite form by the Contractor. A LKM is defined as follows:

The formula for calculation of chargeable LKM,

$$\text{LKM} = \frac{(\text{Number of Acceptable shots}) * \text{SP interval}}{1000}$$

The formula for calculation of progress (coverage) LKM,

$$\text{LKM} = \frac{[(\text{Last SP} - \text{First SP}) - 1] * \text{SP interval}}{1000}$$

However, Bidder shall raise monthly invoices for data acquired against LKMs of 2D seismic survey which are completed in all aspects (i.e. including all necessary topographic survey data, observer report etc.) and that has been handed over to the Company at Bhubaneswar during the month. If a line is not completed in a single calendar month, in such case, LKM equivalent to Number of good/acceptable shots taken in the completed part of the seismic profile will be considered for payment provided all the data along with ancillary information are handed over to Company.

Operating Charges should include all the charges for the following:

- a) Establishment of base camp/fly camps,
- b) All equipment/accessories required for Survey/Shooting/LVL/Uphole,
- c) Reports/ maps/records generation & submission,
- d) Cost of fuel,
- e) Spares and preventive maintenance of all necessary equipment,
- f) Mob/Demob of on/off crews, consumable,
- g) To and fro transportation, repair/maintenance of support infrastructure,
- h) Salary/Medical/Travel of Contractor's personnel, hire of any support infrastructure/consultant,
- i) All line survey, fixing of crossing pillars/bench marks/ survey pegs/ paints, line laying & maintenance,
- j) Shot-hole drilling (As per Drilling Matrix), shot hole casing,
- k) Shot hole drilling fluids/chemicals/mud additives,
- l) Procurement, transport, storage and security of explosive & detonator,
- m) Field transport/handling including shot hole loading & blasting,

- n) Base camp & other operation related management/ maintenance,
- o) HSE measures in camp and for crew members during field operation
- p) Compensation towards damages caused to crops/life & properties in operational area
- q) Filling of drilled holes/created craters etc.,
- r) Other day-to-day operational requirement not specified hereof.
- s) QC Processing including static computation and
- t) Contractor shall plant at least two tall plants per shot hole before leaving the site in a particular day for profile / swath or segment thereof in a forest cover area as per the guidelines of MoEF&CC in consultation with local DFO under intimation to OIL. In case it is not possible for Contractor to do the same then Contractor shall deposit cost of two tall plants along with 10 years' maintenance cost per shot hole with concern DFO / state government and obtain a receipt thereof for submission to OIL.

1.6 3D Seismic Data Acquisition Charges (H):

The Contractor shall be paid the Operating Charges for 3D Data Acquisition in the area per sq.km basis for acceptable data acquired along a specific swath, completed in all respects, and provided to Company in requisite form by the Contractor.

- The payment of the shots will be based on full-fold coverage only. The 3D seismic data acquisition volume is full fold acquisition area. To achieve the full-fold, shots of the additional fringe area should be added.
- The shot density per SQ KM will be calculated on the basis of SP required to achieve full fold over the area. (for example No of SP's to cover 350 SQ KM of full-fold coverage is 25,000 shots hence the 71.42 shots per SQ KM would be the shot density for full-fold coverage of 350 SQ KM. For the purpose of the payment, one (1) SQ KM is equal to 71.42 accepted shots).
- There shall be no gaps/ skipped shots even in dense vegetation, water covered areas, paddy fields, and marshy areas where suitable technique shall be used and full spread shall be laid in advance. In such areas, loss of multiplicity shall be restricted to minimum using suitable recovery techniques in consultation with OIL's QC representatives. Contribution from near offsets may be relaxed in case of recovery shots. Minimum Fold in the areas around natural and man-made obstructions should not be less than the 90% (rounded to nearest whole no) of the maximum fold achievable as per acquisition parameters given in tender document.
- If the minimum fold criteria is not achieved due to any unavoidable obstacle(s) then payment for the same will be considered after due certification from OIL's QC representative.

However, Contractor shall raise monthly invoices for data acquired against Sq. Kms of 3D seismic survey which are completed in all aspects (i.e. including all necessary topographic survey data, observer report etc.) and that has been handed over to the Company at Bhubaneswar during the month. If a Swath is not completed in a single calendar month, in such case, Sq. Km. equivalent to Number of good/acceptable shots taken in the completed part of the Swath will be considered for payment provided all the data along with ancillary information are handed over to Company.

Operating Charges should include all the charges for the following:

- a) Establishment of base camp/fly camps,
- b) All equipment/accessories required for Survey/Shooting/LVL/Uphole,
- c) Reports/ maps/records generation & submission,
- d) Cost of fuel,
- e) Spares and preventive maintenance of all necessary equipment,
- f) Mob/Demob of on/off crews, consumable,
- g) To and fro transportation, repair/maintenance of support infrastructure,
- h) Salary/Medical/Travel of Contractor's personnel, hire of any support infrastructure/consultant,
- i) All line survey, fixing of crossing pillars/bench marks/ survey pegs/ paints, line laying & maintenance,
- j) Shot-hole drilling (As per Drilling Matrix), shot hole casing,
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- m) Field transport/handling including shot hole loading & blasting,
- n) Base camp & other operation related management/ maintenance,
- o) HSE measures in camp and for crew members during field operation,
- p) Compensation towards damages caused to crops/life & properties in operational area,
- q) Filling of drilled holes/created craters etc.,
- r) Other day-to-day operational requirement not specified hereof.
- s) QC Processing including static computation and
- t) Contractor shall plant at least two tall plants per shot hole before leaving the site in a particular day for profile / swath or segment thereof in a forest cover area as per the guidelines of MoEF&CC in consultation with local DFO under intimation to OIL. In case it is not possible for Contractor to do the same then Contractor shall deposit cost of two tall plants along with 10 years' maintenance cost per shot hole with concern DFO / state government and obtain a receipt thereof for submission to OIL.