

**OIL INDIA LIMITED
KG BASIN PROJECT
KAKINADA**

**AMENDMENT No. 2 Dated 15.03.2022
To TENDER No. IFB No. CEI9440P22**

1.0 This amendment is issued to amend /correct the following clauses of bidding document:

Sl.	CLAUSE No.	Page No.	ORIGINAL CLAUSE	AMENDED CLAUSE
1	FORWARDING LETTER) NOTICE INVITING TENDERS Bid Closing Date/Technical Bid Opening Date	Page 1 and 2 of 196	31.03.2022	29.04.2022
2	FORWARDING LETTER) NOTICE INVITING TENDERS Mobilization Time	Page 2 of 196	Within 75 days from the date of issue of Letter of Award (LOA) / Mobilization notice, whichever is later.	Within 45 days from the date of issue of Letter of Award (LOA) / Mobilization notice, whichever is later.
3	FORWARDING LETTER) NOTICE INVITING TENDERS Bid Security Amount & Bid Security Validity	Page 2 of 196	Amount: Rs. 42,10,110.00 Validity: 150 days from bid closing date	Bid Security not applicable. However, in lieu of Bid security, bidder has to furnish Bid Security declaration along with Techno-Commercial Bid as per Annexure-IV. Note: The tender is deemed to have been amended wherever Bid Security (amount) requirement mentioned to provide for Bid Security declaration.

4	<p>PART-2 BID EVALUATION CRITERIA (BEC)</p> <p>A) <u>TECHNICAL EVALUATION CRITERIA:</u></p> <p>1.1</p>	Page 26 of 196	<p>1.0 Bidder should meet the following minimum criteria:</p> <p>1.1 The Bidder should be an offshore oilfield / scientific service provider and should have in-house capability to provide all the services as mentioned in scope of work and should have minimum of 5 years of experience in carrying out Metocean studies, Shallow Hazard Studies and providing the Geo-Physical Surveying, Geotechnical studies for carrying out marine soil investigation for installation of jack-up rig and providing rig positioning services in the water depth range up to 850 meters as mentioned in scope of work to any E&P offshore operator, Offshore Drilling Contractor, or offshore scientific research organization. Period in this regard shall be reckoned as on the Original Bid closing date. The Bidder must have experience of carrying out similar work in offshore environment up to 850 meters. Bidders are required to submit documentary evidence like relevant pages of contracts / work orders along with completion certificate / payment certificate issued by the clients or any other documents showing details of work carried out to complete the full scope of work as enumerated in the Technical Specification etc.</p>	<p>1.0 Bidder should meet the following minimum criteria:</p> <p>1.1 The Bidder should be an offshore oilfield / scientific service provider and should have in-house capability to provide all the services as mentioned in scope of work and should have completed at least one job related to Metocean studies, Shallow Hazard Studies and providing the Geo-Physical Surveying, Geotechnical studies for carrying out marine soil investigation for installation of jack-up rig and providing rig positioning services in the last 15 years under single or multiple contracts; where at least one job for geophysical surveying should be completed in minimum water depth of 280 meters and at least one job for geotechnical investigation surveys should be completed in minimum water depth of 75 meters; to any E&P offshore operator, Offshore Drilling Contractor, or offshore scientific research organization. Period in this regard shall be reckoned as on the Original Bid closing date. Bidders are required to submit documentary evidence like relevant pages of contracts / work orders along with completion certificate / payment certificate issued by the clients or any other documents showing details of work carried out to complete the full scope of work as enumerated in the Technical Specification etc.</p>
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5	<p>PART-2 BID EVALUATION CRITERIA (BEC)</p> <p><u>A) TECHNICAL EVALUATION CRITERIA:</u></p> <p>1.7 Seismic Vessel experience criteria for Bid evaluation:</p>	Page 27 of 196	<p>1.7 Seismic Vessel experience criteria for Bid evaluation:</p> <p>a) Bidder may offer ...bid closing date.</p> <p>b) In case, Bidder proposes bid closing date.</p> <p>c) In case the offered vessels vessel offered.</p> <p>d) The number of suitable any further.</p> <p>e) Geophysical tender document.</p> <p>f) The bidder shall submit contract period,</p> <p>g) In addition</p> <ul style="list-style-type: none"> • Certificate of class <p>h) In case of expiry ownership details.</p> <p>i) The date of issue date of NIT.</p> <p>j) The bidder chartering of vessels</p> <p>k) Necessary documentary rejected.</p> <p>l) Vessels(s) of tender document</p> <p>m) Operation Plan: time schedule</p>	Clause Deleted from BEC
6	<p>PART-2 BID EVALUATION CRITERIA (BEC)</p> <p><u>C) COMMERCIAL EVALUATION CRITERIA:</u></p> <p>1.7 Seismic Vessel experience criteria for Bid evaluation:</p>	Page 37 of 196	<p>1.4 Bid Security in Original shall be furnished as a part of the Technical Bid and shall reach OIL's office at Kakinada (KG Basin Project Office) before bid closing date & time. A scanned copy of the bid security shall however be uploaded in OIL's e-procurement portal along with the Technical Bid. The amount of Bid Security shall be as specified in the Forwarding Letter of the Bid Document. Bid without proper & valid Bid Security shall be rejected.</p>	<p>1.4 Bid Security is not applicable against this tender. However, bidders shall submit along with their bid a signed "Bid Security Declaration" (Annexure-IV) accepting that, if they withdraw or modify their bids during the period of validity; or if they are awarded the contract and they fail to sign the contract; or to submit a performance security before the deadline defined in the NIT, they will be suspended for a period of two years. This suspension of two year shall be automatic without conducting any</p>

				enquiry.
7	<p>PART-2 BID EVALUATION CRITERIA (BEC)</p> <p><u>E) PRICE EVALUATION CRITERIA:</u></p> <p>5.0 Purchase Preference to Micro & Small Bidders</p>	Page 40 of 196	<p>5.1 Categorisation and various criteria applicable to MSE bidders shall be guided by the Gazette Notification No. CG-DL-E-26062020-220191 dated 26.06.2020 and Amendment vide Gazette Notification no. CG-DLE16062021-227649 dated 16th June, 2021 issued by Ministry of Micro, Small and Medium Enterprises. The existing enterprises registered under EM-Part-II or UAM till 30th June 2020 shall continue to be valid only for period up to the 31st day of December, 2021.</p>	<p>5.1 Categorisation and various criteria applicable to MSE bidders shall be guided by the Gazette Notification No. CG-DL-E-26062020-220191 dated 26.06.2020 and Amendment vide Gazette Notification no. CG-DLE16062021-227649 dated 16th June, 2021 & CG-DL-E-19012022-232763 dated 19.1.2022 issued by Ministry of Micro, Small and Medium Enterprises. The existing enterprises registered under EM-Part-II or UAM till 30th June 2020 shall continue to be valid only for period up to the 31st day of March, 2022.</p>
8	<p>Terms Of Reference/Technical Specifications/ Scope of Work</p> <p>4.0 Contract Completion Period</p>	Page 87 of 196	<p>Geophysical Survey Duration:</p> <p>Completion of field work: Within 21 days from date of completion of Mobilization including preliminary report.</p>	<p>Geophysical Survey Duration:</p> <p>Completion of field work: Within 30 days from date of completion of Mobilization including preliminary report. (Refer to Updated Contract Completion Period under Annexure-I)</p>
9	<p>Terms Of Reference/Technical Specifications/ Scope of Work</p> <p>4.0 Contract Completion Period</p>	Page 87 of 196	<p>Geophysical Survey Duration:</p> <p>Submission of final Report: Within 14 days after completion of field work</p>	<p>Geophysical Survey Duration:</p> <p>Submission of final Report: Within 20 days after completion of field work (Refer to Updated Contract Completion Period under Annexure-I)</p>

10	Terms Of Reference/Technical Specifications/ Scope of Work 4.0 Contract Completion Period	Page 87 of 46	Geo-Technical work: Submission of final Report: Within 42days after Completion of field work, including Laboratory testing.	Geo-Technical work: Submission of final Report: Within 50 days after Completion of field work, including Laboratory testing. (Refer to Updated Contract Completion Period under Annexure-I)
11	Terms Of Reference/Technical Specifications/ Scope of Work 4.0 Contract Completion Period	Page 87 of 196	One Time Transit duration of maximum 12 days between Andaman basin to Kerala-Konkan Basin or vice-versa is allowed during the contract life, for movement of equipment, vessels and manpower. However, no additional charge will be paid for this movement.	12 days of transit time is one time OR cumulative additional but maximum allowable duration over entire project schedule, and applicable only for the survey vessels, tools and equipment moved by sea from Kerala-Konkan basin to Andaman Basin or vice-versa.
13	PHASE I: PART-B FIELD SURVEYS & INVESTIGATIONS: A. SERVICE REQUIREMENT: 1. Bathymetry Survey at Drillsites:	Page 91 of 196	Data should be digitally recorded for depth range up to 150m.	Data should be digitally recorded for depth range up to 850m.
14	PHASE I: PART-B FIELD SURVEYS & INVESTIGATIONS: A. SERVICE REQUIREMENT: 1. Bathymetry Survey at Drillsites:	Page 92 of 196	After the field study, Satellite delivered real time tidal observation shall be conducted for a period of 30 days and harmonic analysis of the observed tidal data shall be conducted to derive the LAT and MSL – LAT relationship. This tide will be used to reduce raw water depth data to LAT.	Deleted
15	PHASE I: PART-B FIELD SURVEYS & INVESTIGATIONS: A. SERVICE	Page 92 of 196	Side scan sonar (SSS) Survey lines should be spaced 50 m . Cross lines shall be run only when particular major object of hazardous nature is noted and if that	Side scan sonar (SSS) Survey lines should be spaced 100 m . Cross lines shall be run only when particular major object of hazardous nature is noted and

	<p>REQUIREMENT:</p> <p>2. Seafloor Imaging Survey using Side Scan Sonar:</p>		requires additional information.	if that requires additional information.
16	<p>PHASE I: PART-B FIELD SURVEYS & INVESTIGATIONS: B. SERVICE REQUIREMENT:</p> <p>2. Seafloor Imaging Survey using Side Scan Sonar:</p>	Page 92 of 196	The water depth shall be referenced to Chart Datum (Indian Spring Low Water).	The water depth shall be referenced to LAT.
17	<p>PHASE I: PART-B FIELD SURVEYS & INVESTIGATIONS: B. SERVICE REQUIREMENT:</p> <p>Seafloor Imaging Survey using Side Scan Sonar:</p>	Page 92 of 196	These shall include, metal objects, debris , sunken crafts/ vessels, anchors, drifted nets etc.	These shall include debris, sunken crafts/ vessels, anchors, drifted nets etc.
18	<p>PHASE I: PART-B FIELD SURVEYS & INVESTIGATIONS: A. SERVICE REQUIREMENT:</p> <p>3. Sub-bottom Profiling Survey:</p>	Page 93 of 196	The suggested shot and group interval is 3.125 m, near offset of ~water depth, sampling interval 0.25 m sec, recording length 0.5 m sec, source and receiver tow depths of 0.3 0.5m.	Deleted
19	<p>PHASE I: PART-B FIELD SURVEYS &</p>	Page 93 of 196	The strata's up to 500 m depth below seabed shall be evaluated and reported.	The strata's up to 100 m depth below seabed shall be evaluated and reported.

	<p>INVESTIGATIONS: A. SERVICE REQUIREMENT:</p> <p>3. Sub-bottom Profiling Survey:</p>			
20	<p>vi. Indicative list of equipment but not limited to the following:</p> <p>5. Sub bottom profiling survey</p>	Page 96 of 196	Sub bottom profilers of Sparker or equivalent type, with operating frequency up to 3.0 kHz, capable of operating in water depths up to 500m , acquiring the data up to 500 meters below seabed. Bidder to indicate its equipment, systems and processes as per OGP/UKOOA/IMCA guidelines	Sub bottom profilers of Sparker or equivalent type, with operating frequency up to 3.0 kHz, capable of operating in water depths up to 850m , acquiring the data up to 100 meters below seabed. Bidder to indicate its equipment, systems and processes as per OGP/UKOOA/IMCA guidelines
21	<p>vi. Indicative list of equipment but not limited to the following:</p> <p>4. Side Scan Sonar</p>	Page 96 of 196	2 Nos. EdgeTech 4200-MP Dual Frequency Multi phase SSS with 300 KHz/ 600 KHz dual frequency tow fish with long soft tow cable length to cover 0 to 850 meters water depth	Scan Sonar Surveying tools should be capable of acquiring of data of 250 m on either side and operating in water depths ranging from 0 to 850 meters, with tow cables of suitable types and required lengths depending upon water depth at individual survey location.".
22	<p>vi. Indicative list of equipment but not limited to the following:</p> <p>1. Positioning System</p>	Page 96 of 196	It is preferred that two fully independent surface positioning systems should be used.	It is preferred that One fully independent surface positioning systems should be used. However, bidder to assure availability of spares / back-up set of DGPS set to avoid any downtime due to DGPS system failure.
23	<p>vi. Indicative list of equipment but not limited to the following:</p> <p>7. Other</p>	Page 97 of 196	Equipment Plotter and drawing plotting software & hardware for effective online plotting & interpretation of survey data	Deleted

	Equipment			
24	PHASE I: PART-B FIELD SURVEYS & INVESTIGATIONS: 2. GEOTECHNICAL STUDIES: B) GENERAL CONDITIONS	Page 100 OF 196	b. Sampling alternated with PCPT is required to be carried to out determine Potential of Punch Through at the location. If the location is found to be 'Non-Punch Through' then 50 m sampling borehole is to be carried out. In case of “Punch Through” soil investigation to be carried out at alternate location in consultation of OIL's representative.	b. Soil investigation is to be started with drilling a PCPT borehole to determine Potential of Punch Through at the location. Depth of PCPT borehole as well as and sampling borehole should be 50m each. However, it may be extended or reduced as required while drilling the borehole. Decision regarding same should be made in consultation with OIL representative. Also, rate for one borehole shall apply for the boreholes of depth 48m to 52m, while in case the depth of borehole is less than 48 or more than 52m, payment on meter basis shall apply on pro-rata basis. Pro-rata base payment will be applicable only in case: i) Borehole is terminated at depths shallower than 48m due to subsurface issues. ii) Boreholes requiring deepening beyond 52m to account for jack-up installation operations where a different rig subjected to a higher preload level may be employed. In case of “Punch Through” soil investigation to be carried out at alternate location in consultation of OIL's representative.
25	PHASE I: PART-B FIELD SURVEYS & INVESTIGATIONS:	Page 102 of 196	Soil sampling shall be done in non-drilling mode using the following type of samplers (as applicable):	Deleted

	<p>2. GEOTECHNICAL STUDIES: C) Technical Specifications</p> <p>a) Sampling and In-Situ test procedure:</p>		<p>1. Piston samplers having truly stationary piston with fixed reference to seafloor.</p> <p>2. Box corer (besides sampling, miniature CPT/Full-flow penetrometer / vane shall also be performed on retrieved Box cores)</p> <p>3. Vibro-corer for hard / non-cohesive soils</p>	
26	<p>PHASE I: PART-B FIELD SURVEYS & INVESTIGATIONS: 2. GEOTECHNICAL STUDIES: C) Technical Specifications</p> <p>a) Sampling and In-Situ test procedure:</p>	Page 102 of 196	ii. If the sample tubes cannot be pushed in to the formation, a driven sample using a wireline hammer should be taken at the sample depth.	Deleted
27	<p>PHASE I: PART-B FIELD SURVEYS & INVESTIGATIONS: 2. GEOTECHNICAL STUDIES: C) Technical Specifications</p> <p>a) Sampling and In-Situ test procedure:</p>	Page 102 of 196	iii. Hammer blows for each foot of penetration are to be recorded on the sample log.	Deleted
28	<p>PHASE I: PART-B FIELD SURVEYS & INVESTIGATIONS: 2. GEOTECHNICAL STUDIES:</p>	Page 102 of 196	iv. Blow-count, hammer size, height of fall, and length of recovered sample shall be recorded.	Deleted

	C) Technical Specifications a) Sampling and In-Situ test procedure:			
29	d) Onshore Laboratory Testing	Page 104 of 196	The laboratory testing should be carried out in Contractor's onshore laboratory..... . . 13. Oedometer (OED) Test	(Refer to Annexure-II for updated Specifications d) Onshore Laboratory Testing)
30	BID ENCLOSURES Geo-Technical Investigation	Page 121 of 196	Details of experience in carrying out geo-technical investigations in shallow water and deep water up to water depth of 850 m in the last 10 years.	Details of experience in carrying out geo-technical investigations in offshore locations having water depth greater than 75 m in the last 15 years.
31	BID ENCLOSURES Geo-Physical Surveys for Offshore Field Development.	Page 121 of 196	Details of experience in carrying out geo-physical surveys in shallow water and deep water up to water depth of 850 m in the last 10 years.	Details of experience in carrying out geo-physical surveys in offshore locations having water depth greater than 280 m in the last 15 years.
32	ANNEXURE- A 1. Technical Specifications & Statement of Offer 5. Geotechnical Systems	Page 129 of 196	d. T Bar e. Box Corer f. Deck Scout	Deleted
33	PART-3, SECTION-III SPECIAL CONDITIONS OF CONTRACT (SCC)	Page 141 of 196	11.0 Customs Duty 11.1 In terms of Sl. No. 404 of the Customs Notification No.50/2017-Cus dated 30.06.2017, imports of the items specified in List 33 of the Notification are subject to levy of concessional rate of customs duty @5%	11.0 Customs Duty 11.1 In terms of Sl. No. 404 of the Customs Notification No.50/2017-Cus dated 30.06.2017, imports of the items specified in List 33 of the Notification are subject to levy of concessional rate

			<p>(Basic Customs Duty Nil & IGST @5%) subject to conditions specified therein (Condition No. 48). However, this is subject to change as per Government guidelines and the provisions ruling at the time of tender closing will be applicable. Similarly, the domestic supply of such goods would attract 5% GST (i.e. CGST & SGST/UTSGT) on submission of EC in terms of GST Notification No. 03/2017.</p>	<p>of customs duty @5% (Basic Customs Duty Nil & IGST @5%) subject to conditions specified therein (Condition No. 48). However, this is subject to change as per Government guidelines and the provisions ruling at the time of tender closing will be applicable. Similarly, the domestic supply of such goods would attract 5% GST (i.e. CGST & SGST/UTSGT) on submission of EC in terms of GST Notification No. 03/2017.</p> <p>Subsequent to the floating of instant tender, Government of India issued Notification No. 02/2022-Customs dated 1.2.2022 wherein requirement of issuance of EC by DGH has been omitted. However, necessary documentation for availing concessional customs duty for import of the items mentioned in List-33 based on HSN code will be provided by OIL. For imports of items not covered in the List -33 by way of HSN code, the applicable customs duty has to be included by bidders in their quoted prices for services and OIL will not reimburse the same at a later stage.</p>
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34	Format B: Price Bid Schedule. 1. <u>Shallow Hazard Studies:</u>	Page 153 of 196	UOM: Number	UOM: Per Location
35	Format B: Price Bid Schedule. 2. <u>Metocean studies for rig placement:</u>	Page 153 of 196	UOM: Lump Sum Quantity: 1	UOM: Per Location Quantity: 5
36	Format B: Price Bid Schedule. 3. <u>Geophysical Surveys</u>	Page 153 of 196	UOM: Number	UOM: Per Location
37	Format B: Price Bid Schedule. 4. <u>Soil Sampling</u>	Page 154 of 196	UOM: Number	UOM: Per Location
38	Format B: Price Bid Schedule. <u>C Geotechnical Surveys</u> 3. Conducting Piezo Cone penetrometer testing (PCPT), (in a separate borehole	Page 154 of 196	UOM: Number	UOM: Per Location

	adjacent to the main borehole) continuous up to 50m below sea bed, per location.			
39	Format B: Price Bid Schedule. <u>C Geotechnical Surveys</u> 4. Boring and sampling as per SOW	Page 154 of 196	UOM: Number	UOM: Per Location
40	Format B: Price Bid Schedule. <u>C Geotechnical Surveys</u> 5. Lab testing and reporting	Page 154 of 196	UOM: Number	UOM: Per Location
41	Format B: Price Bid Schedule. D 1 BATHYMETRY & SIDE SCAN SONAR SERVICES FOR JACK-UP RIG DEPLOYMENT c. Bathymetry survey for jack-up rig deployment (1.5 KM x 1.5 KM)	Page 154 of 196	UOM: Number	UOM: Per Location
42	Format B: Price Bid Schedule.	Page 154 of 196	UOM: Number	UOM: Per Location

	D 1 BATHYMETRY & SIDE SCAN SONAR SERVICES FOR JACK-UP RIG DEPLOYMENT d. Side scan Sonar survey for jack-up rig deployment (1.5 KM x 1.5 KM)			
43	Format B: Price Bid Schedule. 2 RIG POSITIONING & ANCHORS POSITIONING SERVICES	Page 155 of 196	Mobilization & Demobilization Charges included in Survey Charge	Added Following Line Items: Mobilization Charge for Rig Positioning & Anchors Demobilization Charge for Rig Positioning & Anchors (Refer to Updated Price Bid Schedule under Annexure-III)
44	Format B: Price Bid Schedule. 2 RIG POSITIONING & ANCHORS POSITIONING SERVICES	Page 155 of 196	2 Rig Positioning & Anchors positioning services including Mobilization and Demobilization Charges	2 (c) Rig Positioning & Anchors positioning services (Refer to Updated Price Bid Schedule under Annexure-III)
45	Format B: Price Bid Schedule. 3 WEATHER FORECASTING SERVICES	Page 155 of 196	Mobilization Charge for Weather forecasting services Demobilization Charge for Weather forecasting services	Deleted (Refer to Updated Price Bid Schedule under Annexure-III)
46	Format B: Price Bid Schedule. Notes	Page 156 of 196	The Mobilization Charges of Tools/ Equipment under Srl. No.1, PHASE I: PART-B1: Geophysical Surveys of the Schedule of	Individual Mobilization Charges both for B & C should not be more than 10% of the quoted value for the PHASE-I

			Rates Format should not be more than 5% of the total bid value.	services. If quoted value exceeds 10%, the extra quoted amount will be paid on the receipt of reports for respective services. (Refer to Updated Price Bid Schedule under Annexure-III)
47	PROFORMA-G, CONTRACT FORM	Page 165 of 196		<u>Added following after (g) under Sl.1</u> (h) Prebid Queries and reply thereto

2.0 Revised Annexure-I, Annexure-II, Annexure-III and Annexure-IV are furnished below. Also, the revised BEC is enclosed vide Annexure-V below.

2.1 **Bidders are to submit their price bids as per Revised Proforma-B only.**

2.2 Further, the **Revised Technical Specifications** (Excel file containing **Total 14 Sheets**) is attached herewith which needs to be submitted by bidders duly filled in with Techno-Commercial Bid.

3.0 All other terms and conditions of the Tender remain unchanged. Bidders are requested to submit their offer considering above amendments/notifications.

**Oil India Limited
KG Basin Project**

Revised Annexure-I

4.0 Contract Completion Period:

The following timeline is proposed for completion of scope of work for both Geo-Physical and Geo-Technical study & Metocean studies:

Sl. No.	Description	Metocean & Shallow Hazard Studies	Geophysical Survey Duration	Geo-Technical work	Drilling
1	Mobilization of Vessel Personal & Equipment		Within 45 days from the date of LOA to either Kochi or Port Blair (at Contractor's option).	Within 7 days from the date of intimation from OIL, subject to completion of Geo-Physical work. However, successful bidder to take actions for documentation and statutory clearance and compliances, from the date of placement of LOA.	Within 15 days from the placement of Letter of mobilization.
2	Completion of field work		Within 30 days from date of completion of Mobilization including preliminary report.	Within 10 days @ 5 days per location from date of completion of Mobilization.	
3	Preparation and submission of onboard preliminary report.	Within 50 days from the placement of LOA.	Within 01 day from Completion of field work.	Within 02 days from Completion of field work.	
4	Submission of final Report	Within 60 days from the placement of LOA.	Within 20 days after completion of field work	Within 50 days after Completion of field work, including Laboratory testing.	

12 days of transit time is one time OR cumulative additional but maximum allowable duration over entire project schedule, and applicable only for the survey vessels, tools and equipment moved by sea from Kerala-Konkan basin to Andaman Basin or vice-versa.

Revised Annexure-II

a) **Onshore Laboratory Testing**

The laboratory testing should be carried out in Contractor's onshore laboratory. In general, all testing should be carried in accordance with relevant standards including BS 1377; Methods of Testing for Soil for Civil Engineering Purposes or ASTM (various codes). Samples should be stored in climate-controlled facilities. The laboratory testing should be completed **within three (3) weeks** after the samples arrived in the laboratory and the programme has been approved by OIL.

A proposed confirmatory onshore testing program shall be submitted to OIL for approval. As appropriate for the soil conditions and required for the purpose of pile capacity engineering, the onshore testing program may include but not be limited to the following tests:

I. Classification Tests

1. Moisture Content;
2. Grain Size Analysis;
3. Determination of particle density (small pycnometer);
4. Atterberg limits (liquid limit, plastic limit and plasticity index);
5. Density of Undisturbed Sample;
6. Sulphate Content;
7. Chloride Content;
8. Geochemical (carbonate content, organic content).
9. Microscopic Examination

II. Strength Tests

10. Uniaxial Compressive Strength (UCS) with determination of Young's Modulus;
11. Unconsolidated Undrained shear strength in tri-axial compression (UU);
12. Miniature Vane Shear Undisturbed & Remoulded.

III. Consolidation Test

13.Oedometer (OED) Test

IV. Advanced Geotechnical Testing

a. Static tests

- i. Undisturbed Constant Rate of Strain (CRS) oedometer test
- ii. Remoulded CRS oedometer test
- iii. Undisturbed Static Direct Simple Shear (DSS) test
- iv. Remoulded static DSS test
- v. Fast DSS test to estimate strain rate effect on soil strength
- vi. Anisotropically Consolidated Undrained Triaxial - Compression (CAUc) test (with standard and varied strain rates to assess strain rate effects)
- vii. Anisotropically Consolidated Undrained Triaxial - Extension (CAUe) test
- viii. K0 Consolidated Undrained Triaxial - Compression (CKOUc) test
- ix. K0 Consolidated Undrained Triaxial - Extension (CKOUe) test
- x. Consolidated Drained test for non-cohesive soils

b. Cyclic and dynamic soil tests

- i. Cyclic DSS test incorporating post cyclic static DSS test
- ii. Cyclic triaxial test incorporating post cyclic static triaxial test
- iii. Resonant column test
- iv. Bender element test along with advanced static test

c. Geological testing

- i. Multi Sensor Core Logging (MSCL) test
- ii. Sediment age dating

- iii. X-ray diffraction for Mineralogical composition
- iv. CRS oedometer tests (intact and remoulded with load-reload loop)
- v. Low stress cyclic interface shear box test on remoulded samples

d. Special requirements for advanced soil testing

- i. Before performing the advanced strength tests, a reasonably accurate profile of in-situ effective vertical and horizontal pressures is necessary and shall be prepared by the bidder and submitted to ONGC for review and approval, along with a description of the methodology adopted for its determination
- ii. All oedometer tests shall have an appropriate load-reload loop
- iii. DSS tests with both stacked ring and reinforced rubber membrane type equipment are acceptable.
- iv. Most of the triaxial tests shall be performed after anisotropic consolidation and only some KO Consolidated tests on the best quality samples shall be performed
- v. KO shall be measured from KO Consolidated tests and presented in the reports along with comparison of KO values assessed from other methods / correlations
- vi. Majority of cyclic testing shall be performed stress-controlled but a few strain- controlled tests shall also be performed where appropriate
- vii. No drainage shall be allowed between the cyclic phase and the post-cyclic static shearing.
- viii. Resonant column tests and cyclic strain-controlled tests (with bender element) shall be used to define site specific and strain-dependent shear modulus reduction and damping relationship.
- ix. Saved sample tubes with no test assignments or unused backup sample tubes shall be preserved by the Bidder in controlled conditions (e.g. without exposure to extreme temperatures) for future testing for at least 3 years
- x. Geological testing enumerated above is the minimum proposed. If required, bidder shall perform additional tests giving full justification of the need with prior approval of ONGC
- xi. Geological testing shall be performed in combination with various classification /index strength testing
- xii. The MSCL testing shall be performed using Multi Sensor Core Logger consisting of 4 sensors that measure:
 - a) Gamma density
 - b) P-wave velocity
 - c) Magnetic susceptibility and,
 - d) Electrical resistivity

- xiii. MSCL may not be effective on samples in steel tubes and hence bidder shall exercise caution in selecting / preparing the samples for MSCL.
- xiv. Mineralogical test shall be done using X-ray diffraction and the following information shall also be presented:
 - a) sample preparation procedure;
 - b) original records from the X-ray diffractometer;
 - c) Instrument type and instrument parameters used.

ANNEXURE-III (REVISED PROFORMA-B)**PRICE BID SCHEDULE**Currency of Quote: INR

Sl. No.	Description	UoM	Estd. Qty.	Unit Rate	Total Amount= Qty * Unit Rate
A	PHASE I: PART-A: DESKTOP STUDIES				
1	<u>Shallow Hazard Studies:</u> Study of existing 2D/3D exploration seismic for shallow gas, high pressure water flow zone, including shallow stratigraphy up to 1000m, and bathymetry up to sea bottom for exploratory well locations and submission of report.	Per Location	5		
2	<u>Metoccean studies for rig placement:</u> To carry out desk top studies about cyclonic, storm etc. and Current, wave, tidal etc. data of the area for 1, 10, 50 and 100 years for three blocks and submission of report thereof.	Per Location	5		
B	PHASE I: PART-B1: GEOPHYSICAL SURVEYS*				
1	Mobilization Charge	Lump sum	1		
2	Demobilization Charge	Lump sum	1		
3.(a)	Bathymetry for hiring rig jack-up (1.5 KM x 1.5 KM)	Per Location	2		
3.(b)	Side scan Sonar for hiring rig jack-up (1.5 KM x 1.5 KM)	Per Location	2		
3.(c)	Sub-bottom Profiler (1.5 KM x 1.5 KM)	Per Location	2		
3.(d)	Magnetometer Survey (1.5 KM x 1.5 KM)	Per Location	2		
3.(e)	Bathymetry for hiring floater / Drillship (3 KM x 3 KM)	Per Location	3		
3.(f)	Side scan Sonar for hiring floater / Drillship (3 KM x 3 KM)	Per Location	3		

3.(g)	Sub-bottom Profiler (3 KM x 3 KM)	Per Location	3		
3.(h)	Magnetometer Survey (3 KM x 3 KM)	Per Location	3		
4	Soil Sampling	Per Location	5		
5	Report Submission	Lump sum	1		

C	PHASE I: PART-B2: GEOTECHNICAL SURVEYS & INVESTIGATIONS				
1	Mobilization Charge	Lump sum	1		
2	Demobilization Charge	Lump sum	1		
3	Conducting Piezo Cone penetrometer testing (PCPT), (in a separate borehole adjacent to the main borehole) continuous up to 50m below sea bed, per location.	Per Location	2		
4	Boring and sampling as per SOW	Per Location	2		
5	Lab testing and reporting	Per Location	2		
D	PHASE-II: DRILLING				
1	BATHYMETRY & SIDE SCAN SONAR SERVICES FOR JACK-UP RIG DEPLOYMENT				
1 (a)	Mobilization Charge for bathymetry & Side Scan Sonar Services for jack-up rig deployment	Lump sum	1		
1 (b)	Demobilization Charge for bathymetry & Side Scan Sonar Services for jack-up rig deployment	Lump sum	1		
1 (c)	Bathymetry survey for jack-up rig deployment (1.5 KM x 1.5 KM)	Per Location	2		
1 (d)	Side scan Sonar survey for jack-up rig deployment (1.5 KM x 1.5 KM)	Per Location	2		
2	RIG POSITIONING & ANCHORS POSITIONING SERVICES				
2 (a)	Mobilization Charge for Rig Positioning & Anchors	Lump sum	1		
2 (b)	Demobilization Charge for Rig Positioning & Anchors	Lump sum	1		

2 (c)	Rig Positioning & Anchors positioning services	Per Day	35		
3	WEATHER FORECASTING SERVICES				
	Operating Charge for weather forecasting services	Per Day	300		
4	CURRENT MONITORING SERVICES (Single Point Current Meter)				
4 (a)	Mobilization Charge for current monitoring services	Lump sum	5		
4 (b)	Demobilization Charge for current monitoring services	Lump sum	5		
4 (c)	Single Point Current Meter for measurement of surface current.	Per Day	300		
5	ACOUSTIC DOPPLER CURRENT PROFILE SYSTEM (Optional services)				
5 (a)	Mobilization Charge for Acoustic Doppler Current Profile system	Lump sum	1		
5 (b)	Demobilization Charge for Acoustic Doppler Current Profile system	Lump sum	1		
5 (c)	Acoustic Doppler Current Profile system (ADCP) for Current measurement from MSL to Seabed.	Per Day	60		
E. Total Estimated Contract Price (excluding GST) (including optional services)		= A+B+C+D			
F. Add. GST applicable @ _____%					
G. Total Estimated Contract Price including GST for Bid evaluation (E+F)					

Bathymetry and Side Scan Sonar survey may be repeated for locations having water depth under 120m only prior to jack-up rig mobilization in case the difference between Phase-I surveys and rig mobilization is more than six months.

NOTES:

- (i) Individual Mobilization Charges both for B & C should not be more than 10% of the quoted value for the PHASE-I services. If quoted value exceeds 10%, the extra quoted amount will be paid on the receipt of reports for respective services.
- (ii) The quantity mentioned above is for evaluation purpose only and to be paid on actual use. The tentative quantities of the work will be notified to bidders before closing the bid.
- (iii) Present rate of Basic customs duty is NIL in OIL's offshore area of operation in blocks Block AN-OSHP-2018/1, AN-OSHP-2018/2 & KK-OSHP-2018/1. OIL will assist Contractor in getting necessary documentation to get nil custom duty.
- (iv) The rates should be inclusive of applicable taxes and tax component to be indicated separately. The rates must be net of all discounts.
- (v) The line items indicated above are given for commercial evaluation only which are purely tentative and may fluctuate. Payment to Contractor shall be made on actual basis
- (vi) * The total number of locations for Geophysical Bathymetry surveys under S.No. 3 (a) + 3 (e) under PHASE I: PART-B1: GEOPHYSICAL SURVEYS for hiring rig will be Five Firm + Five Optional locations. Depending upon the water depths, the data will be acquired either in 1.5 x 1.5 Area for locations having water depths up to 120m, where Jack-up rig will be hired or in 3x3 km area for locations having water depths greater than 120m, where floater / drillships will be hired for drilling the exploratory wells.
- (vii) * The total number of locations for Side Scan Sonar surveys under S.No. 3 (b) + 3 (f) PHASE I: PART-B1: GEOPHYSICAL SURVEYS for hiring rig will be Five Firm + Five Optional locations. Depending upon the water depths, the data will be acquired either in 1.5 x 1.5 Area for locations having water depths up to 120m, where Jack-up rig will be hired or in 3x3 km area for locations having water depths greater than 120m, where floater / drillships will be hired for drilling the exploratory wells.
- (viii) * The total number of locations for Sub-bottom Profiler surveys under S.No. 3 (c) + 3 (g) under PHASE I: PART-B1: GEOPHYSICAL SURVEYS for hiring rig will be Five Firm + Five Optional locations. Depending upon the water depths, the data will be acquired either in 1.5 x 1.5 Area for locations having water depths up to 120m, where Jack-up rig will be hired or in 3x3 km area for locations having water depths greater than 120m, where floater / drillships will be hired for drilling the exploratory wells.
- (ix) * The total number of locations for Magnetometer surveys under S.No. 3 (d) + 3 (h) under PHASE I: PART-B1: GEOPHYSICAL SURVEYS for hiring rig will be Five Firm + Five Optional locations. Depending upon the water depths, the data will be acquired either in 1.5 x 1.5 Area for locations having water depths up to 120m, where Jack-up rig will be hired or in 3x3 km area for locations having water depths greater than 120m, where floater / drillships will be hired for drilling the exploratory wells.
- (x) # Bathymetry and Side Scan Sonar survey may be repeated for locations under 120m only prior to jack-up rig mobilization in case the difference between Phase-I surveys and rig mobilization is more than six months.
- (xi) The Operating rates for weather forecasting services & current monitoring services under S. No. 3 and 4 (c) respectively shall be quoted on day rate basis considering services at five wells @60days/well. Payment will be made for actual number of days work on prorated basis.

Bid Security Declaration

(to be submitted on Bidder's letter head)

M/s. Oil India Limited

3rd Floor, IDCO Towers, Janpath
Bhubaneswar, Odisha

Tender No: CEI9440P22

I/We, the undersigned, declare that:

- 1.0 I/We understand that, according to your Tender conditions, bids must be supported by a Bid Security, which is in the form of a Bid-Security Declaration.

- 2.0 I/We the undersigned hereby declare that, if we withdraw or modify our Bids during the period of its validity, or if we are awarded the Contract and fail to sign the Contract, or to submit a performance security before the deadline defined in the Tender document, we will be suspended for a period of two years. This suspension of two year shall be automatic without conducting any enquiry.

**Name and Signature of
Authorized Signatory and Company Seal**

PART-2

BID EVALUATION CRITERIA (BEC)

1.0 **VITAL CRITERIA FOR BID ACCEPTANCE:**

The bid shall conform generally to the specifications, terms, and conditions given in the Bid Documents. Bidders are advised not to take any exception/deviation to the Bid Documents.

1.1 **GENERAL CONFORMITY:**

Bids will be rejected in case the equipment and services offered do not conform to the required parameters stipulated in the technical specifications. Notwithstanding the general conformity of the bid to the stipulated specifications, the following requirements will have to be particularly met by the bidders without which the same will be considered as non-responsive and rejected.

1.2 **ELIGIBILITY CRITERIA:**

Only the Companies/Firms incorporated in India and which maintain more than 20% local content for the offered services are eligible to participate.

Regarding calculation of local content and submission of documents during bidding & execution of contracts, provision of Purchase preference policy linked with Local Content (PP-LC) notified vide Letter No. FP-20013/2/2017-FP-PNG dated 17th November, 2020 of MoPNG and any amendment thereof shall be applicable. If such local content is not maintained during execution of Contract, OIL reserves the right to invoke the Performance Securities submitted by the bidding and supporting companies.

Note: A copy of Certificate of Incorporation must be provided along with the Bid. Also, bidder must mention the percentage of local content in their technical bid along with requisite certificates (self declaration & certificate of statutory auditors, CA etc.) as per provision of PPLC notified by MoPNG as mentioned above.

A) TECHNICAL EVALUATION CRITERIA:

1.0 Bidder should meet the following minimum criteria:

1.1 The Bidder should be an offshore oilfield / scientific service provider and should have in-house capability to provide all the services as mentioned in scope of work and should have completed at least one job related to Metocean studies, Shallow Hazard Studies and providing the Geo-Physical Surveying, Geotechnical studies for carrying out marine soil investigation for installation of jack-up rig and providing rig positioning services in the last 15 years under single or multiple contracts; where at least one job for geophysical surveying should be completed in minimum water depth of 280 meters and at least one job for geotechnical investigation surveys should be completed in minimum water depth of 75 meters; to any E&P offshore operator, Offshore Drilling Contractor, or offshore scientific research organization. Period in this regard shall be reckoned as on the Original Bid closing date. Bidders are required to submit documentary evidence like relevant pages of contracts / work orders along with completion certificate / payment certificate issued by the clients or any other documents showing details of work carried out to complete the full scope of work as enumerated in the Technical Specification etc.

1.2 The bidders shall quote for full Scope of Work and required to refer to technical specification of the Bid for detailed scope of work for the services to be carried out in TWO stages.

1.3 Bidder to confirm firm mobilization of all applicable Equipment, Machinery, Vessels, Crew, Personnel, materials, tools, tackles, fuel, food, communication requirements etc complete to satisfactorily survey/investigate the area as specified in Scope of Work and other procedures of the Bid document. All expenses for executing the Work to complete the scope are to be borne by Bidder. Obtaining all the necessary permits and permissions to carry out Work are in Bidder's firm scope. Bidder shall also be responsible for all customs clearances and formalities for importing and re-exporting Bidder's Equipment. OIL will only provide recommendation letters as deemed necessary by OIL on request of Bidder as per prevailing Laws of Land.

1.4 Bidders to confirm that the outputs and all deliverables shall be handed over to OIL in accordance with the delivery schedule. When it involves On-site processing of data, the same can be handed over to OIL as soon as acquiring the same or in stages as required by OIL.

1.5 Bidders to confirm to provide a detailed methodology and project milestones at the time of submission of Bid and details of Tools/Tackles and operational procedures for each phase of work including but not limited to Details on survey systems and software, Details on Source data and data processing system to be used, Calibrations and others as per relevant and current industry guidelines.

1.6 Bidder to confirm to assign dedicated and experienced Project Manager for the entire project and to hold pre-start-up operational and QHSE Bridging exercises with OIL.

2.0 Experience of Bidder's Personnel:

- a) The bidder shall deploy competent personnel, as required for different services as per requirements stipulated in individual scope of work of various services: the Scope of Work, having minimum prescribed experience in their own field of operation.
- b) **The bidder shall submit the bio-data of personnel** proposed to be deployed for services mentioned under PERSONNEL sections of geophysical and geotechnical services in Phase I: Part-B Field Surveys & Investigations. In case of any change at the time of execution of the contract, bio-data of new personnel to be deployed are to be produced for verification and approval by OIL authority. Bidder must confirm the same.

3.0 Deliverables:

The bidder must be in a position to deliver the services and reports as specified under each type of service in scope of work and should categorically confirm to this effect.

4.0 (I) Duration of the Contract:

The duration of the Contract will be for **3 years** from the date of issuance of LOA and may be extendable upto one (1) year on the same rates, terms and conditions at OIL's option.

(II) Bidder to be responsible for obtaining all statutory permits and clearances required to perform the services as required as under but not limited to the following for all its Vessel and Personnel at its cost:

(II) (A) For Vessels, the bidder shall provide following valid documents, but not limited to, prior to start of work:

- a) Certificate of Registry
- b) International Load Line Certificate
- c) International Tonnage certificate
- d) Ship Safety Radio-Telephony Certificate
- e) Ship Safety Equipment Certificate

- f) Ship Safety Construction Certificate
- g) International Oil Pollution Prevention Certificate
- h) International Air Pollution Prevention Certificate
- i) International Sewage Pollution Prevention Certificate
- j) Safe Manning Certificate
- k) Safety Management Certificate
- l) International Ship Security Certificate
- m) Class Certificate
- m) G.A. Plan of Vessel
- n) Emergency response plan & procedures

(II) (B) bidder shall be responsible to obtain Specified Period license, if applicable, from the Director General of Shipping to operate off the Indian coasts.

(II) (C) Bidder shall be responsible to obtain necessary clearances from Home Ministry, New Delhi for its crew and personnel.

(II) (D) Bidder shall be responsible to obtain necessary clearances from Ministry of Defence, Indian Navy and other applicable regulations to operate the vessel off the Indian coasts.

(II) (E) Bidder shall be responsible to obtain all statutory permission for vessel from regulatory authorities (like custom / immigration / coast guard etc.) for Entry, Operation & exit in/from the country.

(II) (F) Bidders make themselves aware of the Indian regulatory requirements that apply to carrying out the scope of work with respect to licenses, and other applicable rules for carrying out the work; Bidder with knowledge of the area of operations and by its independent observations and enquiries to have fully informed and satisfied itself as to the nature of the area of operations, means of access, local facilities, climatic conditions, labour conditions and practices, local terrain conditions, local logistical requirements, any and all security, fire, safety explosives or other regulations, permissions which may affect the execution of the Works, all environmental concerns and conditions, the nature, extent and practicability of the Works and all matters whatsoever affecting in safe carrying out of the entire Scope of Work.

III) Demobilization of all tools and services would be immediate on issue of demobilization notice by OIL.

5.0 EXECUTION PLAN

Bidder shall include a detailed execution plan showing the proposed methods and sequences for, and describing the resources to be applied in, carrying out the Works, including appropriate drawings and sketches wherever applicable. The execution plan shall specifically address all principal activities including but not limited to all planning, evaluation of equipment, reporting facilities plus various other contingent services.

The execution plan shall be supported by descriptions detailing proposed lines of authority. Bidder must submit a bar chart programme detailing all aspects of the scope of work for the different stages as specified.

Bidder should also indicate how the operation would be supported logistically with respect to crew changes and re-supply.

6.0 QA/QC/CERTIFICATION AND INSPECTION

Bidder shall provide copies of the relevant certificates from a recognised Certifying Authority establishing the proper certification of his Equipment/Vessel/other accessories required to carry out the safe execution of the entire scope of work in various stages.

OIL reserves the right to inspect Bidder's Equipment using a Third Party Inspection agency.

7.0 LOGISTICS:

Bidder is required to mobilise all equipment to OIL designated Shore base. Bidder shall mobilise its personnel to OIL designated shore base / air base. All lifting and load bearing Equipment (transportation baskets, slings, shackles) of the Bidder will be certified prior to use and all relevant certification shall be available for inspection by OIL's designated representative.

The bidder must confirm to meet criteria mentioned in Para 1.1 to 7.0 above and furnish documents wherever required.

8.0 BIDS FROM 100% SUBSIDIARY:

Bids of those bidders who themselves do not meet the experience criteria as stipulated in the tender, can also be considered provided the bidder is a 100% subsidiary company of the parent company which itself meets the experience criteria. In such case, as the subsidiary company is dependent upon the experience of the parent company with a view to ensure commitment and involvement of the parent company for successful execution of the contract, the participating bidder should enclose an agreement (as per format enclosed as Annexure-II(a)) between the parent company and the subsidiary company and Corporate Guarantee (as per format

enclosed as Annexure-II(b)) from the parent company to OIL for fulfilling the obligation under the contract, along with the technical bid.

8.1 Eligibility criteria in case Bid is submitted on the basis of the Technical Experience of Sister Subsidiary/Co-Subsidiary Company: Offers of those bidders who themselves do not meet the technical experience criteria stipulated above can also be considered based on the experience of their Sister Subsidiary/Co-Subsidiary company within the ultimate parent/holding company subject to meeting the following conditions:

(a) Provided that the sister subsidiary/co-subsidiary company and the bidding company are both either directly owned 100% subsidiaries of an ultimate parent/holding company or 100% owned through intermediate 100% subsidiaries of an ultimate parent/holding company. The Bidder must submit duly notarized valid document(s) establishing the legal relation amongst sister/co-subsidiary, bidder and the ultimate Parent Company to the full satisfaction of the Company with detail share holding pattern. The Company reserves the right to reject a bid if the documents are not found sufficient or satisfactory or proper to establish the required criteria of 100% subsidiary.

(b) Provided that the sister subsidiary/co-subsidiary company on its own meets the technical experience criteria laid down in above and not through any other arrangement like technical collaboration etc.

(c) Provided that with a view to ensure commitment and involvement of the ultimate parent/holding company for successful execution of the contract, the participating bidder must submit an agreement, as per format furnished vide Annexure III, between them, their ultimate parent/holding company, along with the technical bid.

8.2 In both the situations mentioned in 8.0 and 8.1 above, following conditions are required to be fulfilled/documents to be submitted:

(a) Undertaking by ultimate parent to provide a Performance Security (as per format enclosed as Appendix I), equivalent to 50% of the value of the Performance Security which is to be submitted by the bidding company, in case the supported bidding company is the successful bidder. In cases where foreign based ultimate parent does not have Permanent Establishment in India, the bidding company can furnish Performance Security for an amount which is sum of Performance Security amount to be submitted by the bidder and additional 50% Performance Security amount required to be submitted by the ultimate parent. In such case bidding company shall

furnish an undertaking that their foreign based ultimate parent is not having any Permanent Establishment in India in terms of Income Tax Act of India.

(b) Undertaking from the ultimate parent to the effect that in addition to invoking the Performance Security submitted by the contractor, the Performance Security provided by ultimate parent shall be invoked by OIL due to non-performance of the contractor.

9.0 **BIDS FROM CONSORTIUM:** In case the Bidder is a Consortium of Companies (leader of the consortium should be incorporated in India and the Consortium shall maintain more than 20% local content as mentioned in clause 1.2 above), the following requirements must be satisfied by the Bidder:

9.1 The leader of the consortium has to satisfy the minimum experience requirement as per clause A.1.0 above.

9.2 The leader of the Consortium must submit bid on behalf of consortium of Bidders. Memorandum of Understanding (MOU) between the Consortium members duly executed by the CEO/Authorized person and certified by the competent authority of the respective organization of the consortium members and notarized, must accompany the bid which should clearly define role/scope of work of each partner/member and should clearly define the leader of consortium. Memorandum of Understanding (MOU) must also state that all the members of consortium shall be jointly and severally responsible for discharging all obligations under the Contract. However, the Leader of the Consortium must submit an undertaking along with the technical bid towards unconditional acceptance of full responsibility for executing the “Scope of Work” of this bid document. In case of award, such MOU shall be kept valid through the entire contract period, including extensions, if any.

9.3 Only the Leader of the consortium should register in the e-tender portal and submit bid on behalf of the Consortium. The other members of the Consortium shall ratify all the acts and decisions of the Leader of Consortium, which are taken in connection with and/or during the evaluation of the tender and execution of the contract.

9.4 The bid security shall be in the name of the leader of the consortium on behalf of consortium with specific reference to consortium bid and name & address of consortium members. Similarly, the performance security shall be in the name of the leader on behalf of the consortium.

- 9.5 The leader of the Consortium on behalf of the Consortium shall coordinate with OIL during the period the bid is under evaluation, as well as, during the execution of works, in the event contract is awarded and he shall also be responsible for resolving dispute/ misunderstanding/ undefined activities, if any, amongst all the Consortium members.
- 9.6 Any correspondence exchanged with the leader of consortium shall be binding on all the consortium members.
- 9.7 Payment shall be made by OIL only to the leader of the consortium towards fulfillment of contract obligations.
- 9.8 In case of Consortium bids, the bid shall be digitally signed by the leader of Consortium. The Power of Attorney from each member authorizing the leader for signing and submission of Bid on behalf of individual member must accompany the Bid offer.
- 9.9 Documents/details pertaining to qualification of the bidder must be furnished by each partner/ member of consortium complete in all respects along with the bid clearly bringing up their experience especially in the form of work in their scope.
- 9.10 **CONSTITUTION OF CONSORTIUM:** If during evaluation of bid, a consortium leader proposes any alterations/changes in the constitution or replacement or inclusion or expulsion of any partner(s)/ member(s) of the consortium which had originally submitted the bid, to drive some advantages/benefits based on any development(s) having come to his knowledge at any time, the bid of such a consortium shall be liable for rejection. The members of the consortium should not be more than three.
- 9.11 **SIGNING OF CONTRACT:** In the event of award of contract to the consortium, the contract to be signed by all the members of the consortium and the liability of each one of them shall be jointly and severally.
- 9.12 Members of the consortium are not allowed to quote separately/independently against this tender. All the bids received in such case will be summarily rejected. Further, all bids from parties with technical support from the same Principal shall be rejected.
- 9.13 Certified copies (attested by Director/Company Secretary) of Board resolutions passed by respective Board of Directors of the companies (Consortium leader and members) agreeing to entering into such consortium with each other for submission of bid for the NIT and authorizing designated executives of each company to sign in the MOU to be provided along with the technical bid.
- 9.14 The MOU/Agreement should be legally valid i.e. it should be on a non-judicial stamp paper and notarized.

B. FINANCIAL EVALUATION CRITERIA

1.0 Annual Financial Turnover of the Bidder during any of preceding three financial/ accounting years from the original bid closing date should be at least INR 6.53 Crores

2.0 "Net Worth" of the Bidder should be positive for the preceding financial/ accounting year.

3.0 Documentary evidence in the form of Audited Balance Sheet and Profit & Loss Account for the preceding 03(three) financial/accounting years should be submitted along with the technical bid.

Considering the time required for preparation of Financial Statements, if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the original bid closing date and the Financial Statements of the preceding financial / accounting year are not available with the Bidder, then the financial turnover of the previous three financial / accounting years excluding the preceding financial / accounting year will be considered. In such cases, the Net worth of the previous financial / accounting year excluding the preceding financial / accounting year will be considered. However, the Bidder has to submit an affidavit/undertaking certifying that 'the balance sheet/Financial Statements for the financial year (as the case may be) has actually not been audited so far'.

Notes:

(a) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid: -

(i) A certificate issued by a practicing Chartered Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in Proforma-J.

OR

(ii) Audited Balance Sheet along with Profit & Loss account.

(b) In case the Bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, Bidder to provide documentary evidence for the same.

4.0 In case the Bidder is a Consortium, then any one of the Consortium members individually shall have to meet the financial turn-over criteria as per Para 1.0 above. Other Consortium members individually shall have minimum financial turn-over of INR 3.27 Crores

5.0 In case the Bidder is subsidiary company (should be a wholly owned subsidiary of the parent/ultimate parent/holding company) who does not meet financial criteria by itself and submits his bid based on the strength of his parent/ultimate parent/holding company, then following documents need to be submitted.

(i) Turnover of the parent/ultimate parent/holding company should be in line with Para 1.0 under Financial Criteria above.

(ii) Net Worth of the parent/ultimate parent/holding company should be positive.

(iii) Corporate Guarantee as per Annexure-II(c) on parent/ultimate parent/holding company's company letter head signed by an authorized official undertaking that they would financially support their wholly owned subsidiary company for executing the project/job in case the same is awarded to them.

(iv) Document of subsidiary company towards wholly owned subsidiary of the parent/ultimate parent/holding company.

6.0 A bidder (other than consortium) which is not able to meet the financial criteria by itself, can also submit its bid on the basis of financial capability of a Supporting Company provided each of the following conditions are fulfilled: -

a) The bidder is supported by a supporting company which holds more than fifty percent of the paid-up equity share capital of the bidder either directly or through intermediate subsidiaries.

b) The supporting company by itself and not through any other arrangement satisfies the financial criteria of the BEC.

c) In such cases, all applicable financial parameters viz. Turnover, Net-worth etc. of the supporting company only will be considered for evaluation and the financial capability of the bidding entity will not be considered for evaluation.

d) Supporting Company shall furnish additional PBG equivalent to 50% of the amount of PBG submitted by bidder as per the format provided at Appendix -I.

Note: In case Supporting company/ ultimate parent company fails to submit Performance Bank Guarantee as per (d) above, Bid Security submitted by the bidder shall be forfeited.

6.1 Documents to be submitted by the bidder, along with its techno-commercial bid, in case it is taking financial support from a supporting company:

a) Audited Consolidated Annual financial statement as detailed above in respect of the supporting company. Bidder will provide a statement containing the value of each financial parameter required in the tender based on supporting company's audited consolidated financial statement as defined in BEC.

b) A Corporate Guarantee from the Supporting Company under its letter head signed by an authorized official undertaking that they would financially support the bidder for executing the job in case the same is awarded to them.

c) A certificate from the Statutory Auditor or Company Secretary or one of the Directors of the bidding company to establish the relationship and equity percentage holding between bidder and the supporting company.

d) Authorization letter from one of the Directors of Supporting Company authorizing the signatories to execute the corporate guarantee, duly certified by the Company Secretary of the Supporting Company.

e) Undertaking shall be given by Supporting Company to submit additional PBG equivalent to 50% of the amount of PBG submitted by bidder as per the format provided at Appendix-I.

f) Undertaking from the supporting company to the effect that in addition to invoking the PBG submitted by the contractor, the PBG provided by supporting company shall be invoked by OIL due to non-performance of the contractor.

C. COMMERCIAL EVALUATION CRITERIA:

1.1 Bids shall be submitted under single stage two Bid system i.e. Technical Bid and Priced Bid separately in the OIL's e-Tender portal. The Technical Bid is to be uploaded as per Scope of Work & Technical Specification of the tender in "Technical RFx Response" Tab and Priced Bid as per Proforma-B uploaded in the "Notes & Attachments" Tab. Bids shall be rejected outright if the prices are indicated in the technical bids. Bids not conforming to this two bid system shall be rejected outright.

1.2 Bidder shall offer firm prices. Price quoted by the successful bidder must remain firm during the execution of the Contract and not subject to variation on any account.

1.3 Bids with shorter validity (i.e., less than 120 days from the scheduled bid closing date) will be rejected as being non-responsive.

1.4 Bid Security is not applicable against this tender. However, bidders shall submit along with their bid a signed "Bid Security Declaration" (Annexure-IV) accepting that, if they withdraw or modify their bids during the period of validity; or if they are awarded the contract and they fail to sign the contract; or to submit a performance security before the deadline defined in the NIT, they will be suspended for a period of two years. This suspension of two year shall be automatic without conducting any enquiry.

1.5 The Integrity Pact must be uploaded in OIL's E-Procurement portal along with the Technical Bid digitally signed by the same signatory who digitally signed the Bid i.e. who is duly authorized to sign the Bid. If any bidder refuses to sign Integrity Pact or declines to submit the Integrity Pact, their bid will be rejected.

1.6 Bids submitted after the Bid Closing Date and Time will be rejected.

1.7 Bids received through the e-procurement portal shall only be accepted. Bids received in any other form shall not be accepted.

1.8 Bid documents are non-transferable. Bid can only be submitted in the name of the bidder in whose name the User ID and Password have been issued. Unsolicited bids will not be considered and will be straightway rejected.

1.9 Bids shall be typed or written in indelible ink and shall be digitally signed by the bidder or his authorized representative.

1.10 Any physical documents wherever called for, submitted by bidders shall contain no interlineations, white fluid erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such correction shall be initialed by the person or persons who has/have digitally signed the Bid.

1.11 Any Bid containing false statement will be rejected.

1.12 Bidders shall quote directly and not through their Agent/ Representative / Retainer / Associate in India.

1.13 Bidders must quote clearly and strictly in accordance with the price schedule outlined in “Price Bid Format” of Bid Document; otherwise, the Bid will be summarily rejected.

1.14 Bidder must accept and comply with the following clauses as given in the Bid Document in toto failing which bid will be rejected.

- i. Bid Security Clause.
- ii. Performance Guarantee Clause.
- iii. Force Majeure Clause.
- iv. Tax Liabilities Clause.
- v. Arbitration Clause.
- vi. Acceptance of Jurisdiction and Applicable Law.
- vii. Liquidated damage and penalty clause.
- viii. Safety & Labour Law.
- ix. Termination Clause.
- x. Integrity Pact

1.15 The Bids and all uploaded documents must be digitally signed using “Class 3” digital certificate [e-commerce application (Certificate with personal verification and Organization name)] as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India [except copies of the documents required in physical form] should invariably be submitted in the ‘Technical Attachment Tab’ through OIL’s e-bidding portal, before the scheduled date and time for the tender closing. All the documents uploaded shall be digitally signed by the

authorized signatory of the bidder. However, the following documents (in original) should necessarily be submitted in physical form, in a sealed envelope:

- (i) The original bid security and
- (ii) The power of attorney or authorization, or any other document consisting of adequate proof of the ability of the signatory to bind the bidder.

D. GENERAL EVALUATION CRITERIA:

1.0 To ascertain the substantial responsiveness of the bid, the Company reserves the right to ask the bidder for clarification in respect of clauses covered under BEC/BRC also and such clarifications fulfilling the BEC/BRC clauses in toto must be received in “ONE GO” on or before the deadline given by the Company, failing which the offer will be summarily rejected.

2.0 If any of the clauses in the BRC contradict with other clauses of tender document elsewhere, then the clauses in the BRC shall prevail.

3.0 CUSTOMS DUTY:

In terms of Sl. No. 404 of the Customs Notification No.50/2017-Cus dated 30.06.2017, imports of the items specified in List 33 of the Notification are subject to levy of concessional rate of customs duty @5% (Basic Customs Duty Nil & IGST @5%) subject to conditions specified therein (Condition No. 48). However, this is subject to change as per Government guidelines and the provisions ruling at the time of tender closing will be applicable.

Similarly, the domestic supply of such goods would attract 5% GST (i.e. IGST or CGST & SGST/UTSGT) on submission of EC in terms of GST Notification No. 03/2017.

E. PRICE EVALUATION CRITERIA:

The bids conforming to the technical specifications, terms and conditions stipulated in the bidding document and considered to be responsive after subjecting to Bid Rejection Criteria will be considered for further evaluation as per the Bid Evaluation Criteria given below:

1.0 The bidders must quote their charges/rates in the manner as called for vide "Schedule of Rates" under Section-IV and the summarized price schedule format vide enclosed Proforma-B **(Revised)** .

2.0 The quantities shown against each item in the "Price Bid Format i.e. in Proforma-B" shall be considered for the purpose of Bid Evaluation. It is, however, to be clearly understood that the assumptions made in respect of the number of days/parameters for various operations are only for the purpose of evaluation of the bid and the bidder will be paid on the basis of the actual number of days/parameters, as the case may be.

3.0 **Price Bid will be evaluated as per REVISED PROFORMA – B.** In the event of computational error between unit price and total price, the quoted unit price shall prevail. Similarly, in the event of discrepancy between rates quoted in words and figures, the unit rates quoted in words will prevail.

4.0 To ascertain the inter-se-ranking, Price Bids shall be evaluated on overall lowest cost to OIL (L-1 offer) basis i.e. considering total quoted price for all services including applicable GST (CGST & SGST/UTGST or IGST). Price Bid uploaded without giving any of the details of the taxes (Including rates and amounts) shall be considered as inclusive of all taxes including GST. When a bidder mentions taxes as extra without specifying the rates & amount, the offer shall be loaded with maximum value towards taxes received against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading, in the event of order on that bidder, taxes mentioned by OIL on the Purchase Order/Contracts shall be binding on the bidder. Input Tax Credit on GST (Goods & Service Tax) for this service is NOT available to OIL & the bids shall be evaluated based on total price including GST.

5.0 PURCHASE PREFERENCE TO MICRO AND SMALL BIDDERS

5.1 Categorisation and various criteria applicable to MSE bidders shall be guided by the Gazette Notification No. CG-DL-E-26062020-220191 dated 26.06.2020 and Amendment vide Gazette Notification no. CG-DLE16062021-227649 dated 16th June, 2021 & CG-DL-E-19012022-232763 dated 19.1.2022 issued by Ministry of Micro, Small and Medium Enterprises. The existing enterprises registered under EM-Part-II or UAM till 30th June 2020 shall continue to be valid only for period up to the 31st day of March, 2022.

5.2 In case participating MSEs quote price within price band of L1+15%, such MSE shall be considered for award of contract by bringing down their price to L1 price in a situation where L1 price is from someone other than a MSE.

5.3 In case of more than one such MSE qualifying for 15% purchase preference, the contract shall be awarded to lowest eligible MSE amongst the MSEs qualifying for 15% purchase preference.

5.4 DOCUMENTATION REQUIRED TO BE SUBMITTED BY MSEs: The Bidder claiming as MSE status (MSE-General, MSE-SC/ST, MSE Woman) against this tender has to submit the following documents along with the technical bid for availing the benefits applicable to MSEs:

i) Udyam Registration Number with Udyam Registration Certificate.

Or

ii) Proof of registration with District Industry Centres or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or Udyog Adhaar registration or registration with any other body specified by Ministry of MSME.

Note: In case bidding MSE is owned by Schedule Caste or Schedule Tribe entrepreneur or Woman Entrepreneur, valid documentary evidence issued by the agency who has registered the bidder as MSE owned by SC/ST entrepreneur/Woman Entrepreneurs should also be enclosed.

5.5 Provisions such as seeking support from another company by way of technical collaboration, submission of JV/ consortium bid, etc., wherever allowed in the tender document shall be available to all interested bidders including MSEs. In those scenarios, MSEs quoting on the strength of technical collaborators will be eligible for the benefits reserved for MSEs (i.e. exemption from payment of EMD and purchase preference). However, in case of submission of Consortium bids by MSEs, in order to avail the benefits reserved for MSEs (i.e. exemption from payment of EMD and purchase preference), the MSE bidder shall have to rely on their own strength or on the strength of another MSE only to meet the various tender requirements including technical and financial evaluation criteria. In that case, all the members of the Consortium including the leader of the Consortium should be eligible MSEs. Further, in case of bid from incorporated JVC, in order to avail the above MSE benefits, the bidder i.e. JVC shall have to be MSE unit.

6.0 PURCHASE PREFERENCE POLICY (LINKED WITH LOCAL CONTENT) (PP-LC) Purchase preference policy linked with Local Content (PP-LC) - notified vide letter no. FP-20013/2/2017-FPPNG dated 17th November, 2020 of MoPNG shall be applicable in this tender. [Copy of the notification is available at <http://petroleum.nic.in/sites/default/files/PPLC.pdf>]. Bidders to

check the provisions of the Notification and their eligibility to bid and any claim on Purchase preference. Purchase preference will be applicable as per the Notification(s) and any amendment thereof.

6.1 Bidders seeking benefits, under Purchase Preference Policy (linked with Local Content) (PP-LC) shall have to comply with all the provisions of the notification no. FP20013/2/2017-FP-PNG dated 17th November 2020 or subsequent amendments, if any.

6.2 Where both MSE and PPLC bidder(s) are entitled to Purchase Preference and neither of them is L-1, eligible MSE(s) (in order of ranking among MSEs) shall get preference over eligible PPLC bidder(s) to match their rates with that of L-1 bidder for award of contract. However, if eligible MSE(s) decline(s) to match down the price, then the eligible PPLC bidder(s) in order of ranking among themselves shall be given the opportunity to match down its price to the price of L-1 bidder for award of contract.

6.3 Where MSE is already L-1 in the tender evaluation, contract for L-1 portion shall be straightway awarded to MSE, without considering any Purchase Preference for PPLC bidder.

6.4 In case L-1 bidder is a PP-LC bidder, purchase preference shall be resorted to MSE bidder as per 'PPP for MSE-Order 2012'.

6.5 In case of participation of MSE and LC vendor against the tender, MSE vendor will be given preference over LC bidder to match with L1 bidder as per Public Procurement Policy. MSE vendor will be evaluated with 15% PP and LC vendor will be evaluated with 20% PP as MSE vendor does not have Local Content conditions as per Public Procurement Policy and the PP-LC policy is not applicable for DMEP and MSME.

7.0 VERIFICATION AND CERTIFICATION OF DOCUMENTS BY INDEPENDENT THIRD PARTY INSPECTION AGENCIES:

7.1 Oil India Limited (OIL) has engaged the following 09 (Nine) Independent Inspection Agencies for a period of 04 (four) years with effect from 06.05.2020 to verify and certify various documents required against BEC of the tender:

Sl. No.	Name of Independent Inspection Agency	Contact E-mail ID
i.	M/s. RINA India Pvt. Ltd.	a. ssd@rina.org b. Andrea.Vattuone@rina.org

ii.	M/s. Dr. Amin Controllers Pvt. Ltd.	a. rkjain@rcaindia.net b. info@rcaindia.net
iii.	M/s. Germanischer Lloyd Industrial Services GmbH (DNV GL- Oil & Gas)	a. mangesh.gaonkar@dnvgl.com
iv.	M/s. TÜV SÜD South Asia Pvt. Ltd.	a. Jaimin.Bhatt@tuv-sud.in b. sanjaykumar.singh@tuv-sud.in c. Pankaj.Narkhede@tuv-sud.in d. Ajit.Yadav@tuv-sud.in
v.	M/s. IRCLASS Systems and Solutions Private Limited	a. abhishek.singh@irclass.org b. pradeep.bansal@irclass.org c. Asim.Hajwani@irclass.org d. Amit.Ketkar@irclass.org e. industrial_services@irclass.org
vi.	M/s. Gulf Lloyds Industrial Services (India) Pvt. Ltd.	a. contact@gulflloyds.com b. bbhavsar@gulflloyds.com c. inspection@gulflloyds.com d. gulflloyds.india@gmail.com
vii.	M/s. TUV India Private Limited	a. salim@tuv-nord.com b. delhi@tuv_nord.com
viii.	M/s. TÜV Rheinland (India) Pvt. Ltd.	a. Shailesh.Deotale@ind.tuv.com b. ravi.kumar@ind.tuv.com c. rupeshkumar.singh@ind.tuv.com d. Neeraj.Chaturvedi@ind.tuv.com
ix.	M/s. Bureau Veritas (India) Private Limited	a. udit.chopra@bureauveritas.com b. vishal.sapale@bureauveritas.com c. dinesh.sukhramani@bureauveritas.com d. p.sridhar@bureauveritas.com

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7.2 The Bidders have to get verified and certified the various documents required against BEC of the tender by any one of the above Independent Inspection Agencies and submit the duly certified Inspection Certificate by the Inspection Agencies along with the Technical Bid of the Tender. All Charges of the Third-Party Independent Inspection Agencies towards verification of bidder's documents and certification thereof shall be borne by the respective bidders and payments on account of above inspection, verification and certification shall be made directly by the Bidder to the Inspection Agency(s). OIL will not be responsible for any payment dispute between Bidders and Third Party Inspection Agencies.

7.3 As mentioned above, Bidder(s) have to submit the verified documents along with the Technical Bids. Bid submitted with un-verified supporting documents shall not be considered. However, in case a bidder submits its bid alongwith all relevant supporting documents as per BEC without getting all/some of them verified by the designated Independent Inspection agency, such bid can be provisionally considered provided it is accompanied by an Undertaking by the Bidder on their official letterhead to submit the duly verified copies/verification certificate within 07 (Seven) days of bid opening. Company will neither send any reminder nor seek any clarification in this regard from such bidders, and the bid will be rejected outright if the bidder fails to submit the verified copies/verification certificate within 07 (Seven) days of bid opening at its own risk and responsibility.

7.4 The methodology of inspection/verification of documents is broadly as under but not limited to:

- (a) It is obligatory on the part of the interested Bidders, who choose to participate against the tender, to understand the tender requirements in entirety and the requisite documents sought for in support of the Bid Evaluation Criteria/Bid Rejection Criteria (BEC/BRC) mentioned in the tender in particular. The Bidder must produce all the appropriate documents before any of the OIL's empaneled third party certifying agencies for verification/certification. Neither OIL nor the third party certifying agency shall be held accountable in any manner regarding the choice of documents by the bidder for verification. Therefore, getting the appropriate documents inspected/verified by the agency in support of BEC/BRC clauses is the sole responsibility of the Bidder.

(b) The prospective bidder shall contact any of the empaneled inspection agencies. The agency shall go through the Tender Document, especially the requirements of BEC/BRC and list the documents to be verified. They shall depute their qualified/competent inspector to the Bidder's premises to check the original documents and certify the copies which the bidder shall submit along with their bids. OIL will reserve the right to ask the inspection agencies to verify the documents with source, if required **at no extra cost to OIL. Verification of documents by OIL's empaneled third party agency shall not automatically make the bidder eligible for award of contract.**

(c) Verification of documents (but not limited to) are normally categorized as under:

i. General Requirement:

- Check Bidder's PAN Card
- Check Bidder's GST Certificate
- Check ITR of company
- Check Bidder's Certificate of Incorporation – Domestic Bidder.

ii. Additional Documents : (If applicable against the tender)

- Joint Ventures Agreements – To cross-check with JV Partners
- Consortium Agreements – To cross-check with Consortium Partners
- Holding/Parent/Subsidiary/Sister Subsidiary/Co-Subsidiary Company – To check the Share Holding pattern

iii. Technical Criteria

- To check Experience Proof- Completion Certificates, Reference contact verification, Original Work Order/Contract Copy and any other document(s), if called for vide BEC/BRC of the Tender.

iv. Financial Criteria

- Check and verify Audited Balance Sheet/CA certificate

- To check the Line of Credit, if incorporated in the tender.

Notes:

- (i) If any documents LOI/LOA/Contracts etc. are submitted towards BEC/BRC experience criteria issued by Oil India Limited, such documents need not be verified by TPI agency.

- (ii) Undertaking from TPI Agency as per format (**Proforma-P**) enclosed should be submitted along with the Bid.

8.0 COMPLIANCE OF THE COMPETITION ACT, 2002: The bidder shall strictly comply with the provisions of the Competition Act, 2002, more particularly, Section-3 of the Act. Any violation the provisions of the Act shall attract penal action under the Act.

(END OF PART – 2)