ऑयल इंडिया
OIL INDIA

Plot No. 19, Sector 16A, Noida – 201301, U.P.
Phone: 0120 –2419000, 2419200
Fax: 0120-2488310
E-mail: corp_c&p@oilindia.in
Web Site: www.oil-india.com

EXPRESSION OF INTEREST

EOI REF. NO.: OIL/C&P-CORP/EOI/02/2025 **Date: 23.12.2025**

LAST DATE OF SUBMISSION: 17:00 HRS (IST) OF 13.01.2026

Subject: Notice Inviting **"Expression of Interest (EOI)"** for **"Expression of Interest (EoI) for empanelment of Technical Consultant(s) for:**

a) M&A activities: Conducting technical due diligence (TDD) of Renewable Energy (RE) and Compressed Biogas (CBG) assets for Merger & Acquisition (M&A) activities; and

b) Bid Participation activities: Rendering technical consultancy services during pre-bid stage of Renewable Energy (RE) project bids and technical consultancy/ Project Management Consultancy (PMC) services during post-bid stage."

1.0 INTRODUCTION:

Oil India Limited (OIL) is a premier National Oil Company engaged in the business of Exploration, Production and Transportation of Crude Oil and Natural gas. As a *Maharatna* Company under the Ministry of Petroleum and Natural gas, Government of India (GOI), it is the second largest national oil and gas company in India in the upstream sector as measured by total proved plus probable oil and natural gas reserves and production.

OIL (referred to as **Company in the EOI**) hereby invites Expression of Interest from experienced and reputed prospective Bidders to empanel reputed consultant(s) to undertake Technical Due Diligence (TDD) of renewable energy assets (renewable energy assets shall comprise of solar power assets, wind power assets and BESS assets) & Compressed Biogas (CBG) assets for merger & acquisition activities, for pre-bid technical advisory and post bid support including Detailed Project Report (DPR) and Project Management Consultancy (PMC) services for Renewable Energy (RE) projects of Oil India Limited. The objective of the Technical Due Diligence (TDD) engagement is to assess the technical, operational, and regulatory soundness of the target assets to support informed investment and business decisions. The consultant engaged for pre-bid engagement shall support and undertake technical consultancy service for participation in the bid. The objective of consultant for post-bid technical advisory shall be for preparation of Detailed Project Report (DPR) and to provide Project Management Consultancy (PMC) services for development of Renewable Energy (RE) projects of Oil India Limited.

The empanelment shall be for two services viz.

i. **Part (A):** Technical Due Diligence (TDD) of renewable energy & Compressed Biogas (CBG) assets for merger & acquisition activities.
ii. **Part (B) and (C):** Pre-bid technical advisory to support participation in tenders for RE power plants (Solar PV, Solar + BESS, Hybrid) and Post-bid support including Detailed Project Report (DPR) and Project Management Consultancy (PMC) for development of renewable energy projects of OGEL.

A bidder may submit their offer either for both above-mentioned services or for any one of the two services mentioned in Sl. No. (i) & (ii) above. Bidders must submit a joint offer for both Parts (B) and (C). Submission for only one of these parts - whether B or C - is not permitted.

Bidders are required to submit **Proforma-A** declaring the empanelment of service for which they are applying.

2.0 SCOPE OF WORK

2.1 Part (A): The consultant empanelled for Technical Due Diligence (TDD) shall be responsible for comprehensive TDD covering (but not limited to) the following aspects:

A. Preliminary Review

i. Review all available project documentation such as DPRs, design drawings, technical specifications, performance data, and O&M manuals.

ii. Assessment of project approvals, statutory clearances, and compliance status.

iii. Verification of installed capacity, commissioning date, and operational status of the assets.

B. Site Assessment

i. Conduct detailed site inspections to evaluate equipment condition, installation quality, layout adequacy etc.

ii. Assess balance-of-plant systems, electrical infrastructure, office infrastructure and evacuation facilities.

iii. Identify key operational risks, maintenance gaps, and potential performance issues.

C. Technical Evaluation

i. Evaluate plant design adequacy, engineering integrity, and technology suitability and obsolescence.

ii. Verify equipment make, model, capacity, ratings, performance guarantees, and residual life.

For RE assets: assess generation performance, degradation trends, existing PPAs.

For CBG assets: assess feedstock sourcing, digestion process efficiency, gas yield, output quality, gas off-take agreement.

D. Regulatory & Statutory Compliance

i. Review all applicable regulatory approvals, environmental clearances, safety certifications, and land-related documentation.

ii. Identify deviations or risks associated with non-compliance, pending audit observations etc., if any.

E. O&M and Performance Review

i. Analyse operational performance data and maintenance history.

ii. Evaluate O&M arrangements, vendor contracts, and AMC terms and condition.

iii. Assess reliability, redundancy, and safety management practices.

F. Risk Identification & Assessment

i. Identify and evaluate major technical, operational, environmental risks.

ii. Recommend mitigation measures and corrective actions.

iii. Assess impact of risks on asset value and long-term performance.

G. Capex & OpEx Analysis

i. Review project cost structure, including CapEx justification and OpEx sustainability.

ii. Compare with industry benchmarks to assess cost efficiency.

iii. Provide input on cost optimization opportunities.

H. Additional Assessments

i. Grid & Energy Yield Assessment:

   a. Energy yield analysis and comparison against P90 / P50 performance benchmarks.

   b. Review of SCADA data, actual vs. expected generation, PR (Performance Ratio) analysis, and loss breakdown (curtailment, degradation, outages).

   c. Grid connectivity and energy evacuation risk - especially interconnection agreements, grid availability, and grid code compliance.

I. Technology & OEM Bankability:

i. Assessment of OEM track record, bankability of key components (modules, inverters, turbines, digesters).

ii. Availability of spare parts, OEM warranties, and technology obsolescence risk.

J. ESG, HSE & Sustainability Review:

i. Environmental and social compliance (EIA, biodiversity, community relations & impact).

ii. Health, Safety & Environment (HSE) systems, incident history, and emergency preparedness.

iii. Sustainability metrics, e.g., lifecycle emissions, circularity of materials (for investors with ESG mandates).

K. Asset Lifecycle & Repowering Potential:

i. Residual life estimation and repowering/technology upgrade potential (solar module replacement, turbine repowering, digester expansion).

ii. End-of-life obligations: decommissioning, waste management, and recycling.

iii. Any available policy.

L. Benchmarking & Sensitivity Analysis:

i. Performance benchmarking against similar assets (regional peers, same technology).

ii. Sensitivity analysis on yield degradation, downtime, and efficiency variations.

M. Contractual and Data Infrastructure Review

i. Contractual & Interface Risks:

a) Review of EPC and O&M contracts, warranties, liquidated damages, and performance guarantees.

b) Interface risk between EPC, OEM, and operator.

c) Insurance adequacy - coverage for equipment breakdown, business interruption, and third-party liability.

d) Availability of other similar contractors.

ii. Digital & Data Infrastructure:

a) Assessment of digital monitoring systems, data quality, and cybersecurity aspects of SCADA.

b) Data logging and analytics sufficiency for predictive maintenance.

N. Deliverables:

The consultant shall submit the following reports:

i. Inception Report – Approach, methodology, and data requirement list.

ii. Draft Technical Due Diligence Report – Preliminary findings and key observations.

iii. Final Technical Due Diligence Report – Comprehensive assessment with recommendations, risk matrix, and summary of actionable points.

iv. Presentation – Summary presentation to the Company's management team highlighting key findings and recommendations.

2.2 PART (B): Empanelment of Technical consultant for pre-bid technical advisory to support participation in tenders for RE power plants (Solar PV, Solar + BESS, Hybrid) shall inter-alia include all works pertaining to the following (but not limited to):

A. Site and Resource Assessment:
   i. Identify/ screen/ recce of suitable land/waterbody sites (access, RoW, proximity to substations), wherever applicable.
   ii. Carry out resource studies – irradiation, wind speed – then get the data on product design, including key climatic and hydrological (for reservoirs) parameters.
   iii. Carry out preliminary grid and evacuation assessments (as required).

B. Concept Design & Sizing:
   i. Recommend technology options (PV, Wind, BESS) suited to site conditions.
   ii. Prepare conceptual plant designs and layouts; estimate achievable capacity (MW / MWp / MWh) and high-level energy yield / CUF / RTC performance

C. Risk assessment support
   i. Develop a preliminary risk assessment matrix (technical, development, grid, hydrology, schedule) with mitigation actions.
   ii. Summarize preferred configuration(s), assumptions and risk profile in a pre-bid recommendation note.
   i.

D. RFQ & Offer Assessment:
   i. Help prepare technical briefs / RFQs to EPCs for budgetary offers and preliminary designs.
   ii. Review and compare EPC technical proposals, designs and prices; highlight deviations and value-engineering ideas, and recommend preferred EPC options as input to final bid strategy and pricing.

E. Costing & Bid Inputs:
   i. Provide high-level CapEx/ OpEx estimates for shortlisted configurations as required by the client.
   ii. Supply structured technical and cost inputs for the Client's financial model and tariff/ bid price setting.

2.3 PART (C): Empanelment of Consultant for preparation of Detailed Project Report (DPR) and providing PMC services shall inter-alia include all the works pertaining to the following:

A. Preparation of Detailed Project Report (DPR) for Renewable Energy plants:
(Solar PV – Ground Mounted or Floating, Solar + BESS, Hybrid) to be established in any state in India considering, inter alia, the following aspects, but not limited to:

i. Site Studies and Investigations:

a) Topographic & cadastral survey

- High-accuracy topographic survey using DGPS / Total Station / LiDAR / UAV, as relevant to terrain and project scale

- Establish benchmarks, contours, plot boundaries, Right-of-Way (RoW) and access roads; prepare land plans and strip plans for evacuation corridors

a) Geotechnical & geophysical investigations
   - On-shore and (where applicable) offshore boreholes, trial pits, plate load tests, and lab tests through NABL-accredited labs for all major foundations (modules, MMS, inverter stations, buildings, transmission structures, BESS containers)
   - Soil resistivity and geophysical tests to support earthing and structural design.

b) Hydrology, drainage & flood risk
   - Hydrological study including design storm, drainage paths, flood level assessment, erosion risks, and sizing of storm-water management structures.
   - For reservoirs / floating or canal-top segments: review of historical daily water levels (FRL, MWL, MDDL, dead storage), inflow/outflow, current/velocity and seasonal variations; map usable water surface area at different levels and typical annual average.

c) Water body / reservoir characterisation (where applicable)
   - Bathymetric surveys; assessment of water depth profile, slope, siltation, wave/wind conditions; water quality parameters such as TDS, pH, fouling risk and corrosion implications for floats and anchoring.

d) Access, logistics & local infrastructure
   - Assessment of connectivity (roads, rail, ports), site approach constraints, temporary construction facilities, availability of construction materials, labour and utilities (water, power, telecom).

ii. Resource Assessment & Plant Sizing

a) Resource studies – solar / wind
   - Long-term solar resource assessment (GHI/DNI/POA) using satellite datasets and, where available, on-site measurements; temperature, wind, soiling and albedo characterization.
   - For wind/hybrid: wind speed and direction statistics, wind shear, turbulence, and correlation with regional mast data.
   - Derive plant performance metrics including Performance Ratio and P50/P90/P99 production forecasts for each configuration.

b) Preliminary energy yield & losses
   - High-level energy yield assessment with breakdown of system losses (soiling, wiring, mismatch, inverter, transformer, auxiliary, BESS round-trip losses, clipping/curtailment).

c) Plant sizing & configuration
   - Optimise sizing (MWac / MWp / MWh / C-rate) based on resource, land/water availability, grid constraints, and tender requirements (RTC / FDRE / hybrid norms).

- For BESS and hybrid projects: define storage capacity, C-rate, cycling pattern, augmentation strategy, life-cycle throughput and integration philosophy (AC-coupled / DC-coupled / co-located vs standalone)

iii. Technical Design & Layout (Design Basis / Basic Engineering):

a) Design Basis Report (DBR)

- Prepare a Design Basis Report covering reference standards (IS/IEC), design criteria, environmental loads, performance guarantees, and interface definitions, similar to the basic-engineering approach in SECI and IFCI scopes.

b) Plant configuration & layouts

Conceptual and preliminary layouts for:

- PV field (module technology selection – mono / mono-PERC / TOPCon etc., string sizing, DC layout, MMS design philosophy, tilt/height optimization).
- Inverters (central / string), MV/LV distribution, main step-up transformers, pooling sub-station / switchyard.
- BESS (technology, racks, PCS, containers/buildings, HVAC, fire detection & suppression, safety zones, blast/venting and NFPA/IEC-based requirements).
- Internal roads, drainage, fencing, O&M buildings, control room, warehouse, water and compressed air systems, telecom and staff facilities – at a detail level similar to integrated infrastructure planning in recent DPR RFPs.

c) Evacuation & interconnection

Conceptual grid evacuation scheme including:

i. Optimal voltage level, interconnection point and scheme (bay augmentation / new bay / dedicated sub-station).
ii. Preliminary transmission line routing and corridor width.
iii. Single Line Diagrams (SLDs) up to grid interconnection and high-level protection and metering philosophy.

d) System studies (high-level)

High-level load flow and fault-level checks, harmonic considerations and dynamic behavior of inverter-based resources (IBR) as inputs to detailed grid studies during EPC.

iv. Estimation of capital cost:

To indicate estimated capital cost of the Wind and Solar plant. The break-up should include inter alia the following with taxes and duties separately alongside:

- Approximate land cost with area and its development cost.
- Control room, Laboratory, Admin building, Warehouse, Fire station etc.
- Plant & machinery including equipment cost of major items like generator, turbine, transformer, control station etc.

- Basic design and engineering fees
- Civil works
- Structural works
- Electrical system
- Instrumentation & control system
- Inside Battery Limit (ISBL) and Outside Battery Limit (OSBL) facilities
- Erection and commissioning costs
- Waste disposal, pollution control
- Consultancy fee
- Foreign exchange component, if any
- Any other cost, if any

v. Estimation of Operation and Maintenance (O&M) cost:

- Government fees, development charges, comprehensive insurance charges, Municipal/panchayat fees, etc.
- Transportation of material from the designated points/depots of supplier.
- Evacuation of power to the designated delivery points of energy companies or state discom.
- Utilities
- Manpower cost
- Spare's cost
- License/know-how fees
- Consultancy fee if any
- Foreign exchange component if any
- Any other fees / charges/ cost etc. including waste disposal, pollution control
- O&M contract cost etc. and approximate escalation over the project economic life.

vi. Financial Aspects:

- To provide complete financial analysis of the project with financial assumptions as per industry standard and OIL norms for the project life.
- The report to include project capital cost, operating cost (with break-up as per indicative list provided above), working capital requirement, impact of taxation, profit and loss, balance sheet, cash flow etc. over the project life.
- The report to provide project IRR, NPV, pay-back period, return on investment (ROI) Breakeven point etc. considering all probable and possible element of cost.
- To provide sensitivity analysis with respect to capital cost, power price, market demand and other parameters.
- Details of assumptions used for the above analysis along with their basis, sources and justifications must also be furnished.
- The above calculations are also to be provided in formula-based MS-excel file with all the assumptions separately mentioned.
- To provide comprehensive report on the current policies of Government and other authorities on promotion of industries, investment, employment in the State considered, the benefit of which will be availed by the project. The benefits which may be in the form of capital subsidy, interest subsidy,

insurance subsidy, exemption/ rebate/ relief/ reimbursement in state and central taxes and duties, transport incentive, employment incentive, incentive in the form of accelerated depreciation etc. have to be quantified for the project and taken into consideration in the above financial analysis. The modality for availing such benefits/ incentives is to be detailed.

- To identify scope of incentive from institutions like carbon credit trading agencies, IREDA etc. to the power project with detailed modality for availing such benefits/ incentives.
- Investment criteria for deciding funding source for the project e.g whether to go for 100% equity or avail debt funding, different proportions to be analysed and advised.
- To identify domestic and international institutions which may provide finance into the project at subsidized interest rate.

vii. Risk identification and mitigation plan:

- To identify all techno-commercial and environmental risks along with implications of policy changes.

To suggest suitable mitigation mechanism against each of the identified risks.

viii. Statutory Clearances

- Guiding OIL to obtain NOC from state pollution control Board/Regulatory Commission including involvement of public hearing
- Guiding OIL to avail safety clearances from the concerned authorities, if any.
- Guiding OIL in doing sub-lease agreement of the land
- Providing assistance for applying aviation clearance etc., if required
- Providing assistance during Environment Impact Assessment (EIA)
- Providing assistance for applying any other clearances

ix. Others:

- Project implementation strategy and project schedule along with the bar chart.
- Executive summary

Conclusion & recommendations Presentation before OIL management before submission of final report.

B. Project Management Consultancy services:

As a Project Management Consultant (PMC), the party shall act as an extension of OIL, always keeping in view OIL's interests and advising/guiding OIL on all important matters and ensuring that the project is completed within specified cost and time with quality deliverables.

The scope of work of the PMC is broadly defined under the following heads; however, the list is not exhaustive. Scope of work of PMC shall include all works which will be required for overall completion of the project, whether the same is explicitly mentioned in the specification or not.

i. Project Management Services, which shall include preparation of RFP.
ii. Bid Evaluation and drafting of purchase order & contract agreements.
iii. Review of Design & Engineering documents.

iv. Project progress monitoring.
v. Site supervision & reporting with manpower deputations.
vi. Coordination among stakeholders.
vii. Inspection of material at works and site.
viii. Review and vetting of performance testing.
ix. Highlight deficiencies in EPC works during contract period, including safety measures.

i) Project Management Services

a) Preparation of RFP and Bid Evaluation:

i. The Consultant shall prepare the RFP for engagement of EPC including project-related details like feasible capacity, scope of work, qualification requirements, payment terms, technical specifications to ensure maximum life of the project, Operation & Maintenance contract. The consultant shall prepare all necessary drawings and design required for tendering purpose. The RFP shall be prepared in line with latest MNRE, SERC, IEC standard and any other statutory guidelines that prevail in the respective state. The RFP shall be prepared in consultation with OIL team and, if required, provide necessary clarifications on the RFP.

ii. The Consultant shall evaluate the technical and financial bids submitted by bidders as per EPC tender. The consultant shall assist in resolving the queries raised by bidders in pre-bid meeting and otherwise. The tenders, after receipt, will be evaluated by the consultant technically (after review and vetting of energy yield assessment and estimations submitted by bidders), commercially, and financially within the time stipulated in the offer. All communications shall be made through OIL. Tender documents shall be prepared in clear unambiguous language and terms in a way which will exclude requirement of any communication with the turnkey bidders during the evaluation process of the tenders. If at all such communication becomes inevitable the same shall be made through OIL and discussion will be held with the bidders in association with OIL. Thereafter, the financial evaluation will be carried out by the consultant and the recommendation of the best suitable offer will be made in consultation with OIL.

b) Drafting of purchase order & contract agreement:

i. The draft technical and commercial part of the purchase order/contract agreement will have to be prepared by the consultant and the final contract document including the commercial portion will be issued to the winning bidders by OIL. Replies to any queries by authorities regarding evaluation of bids and work order shall be the responsibility of the consultant.

ii) Design & Engineering

The scope defined hereunder is indicative only. All the related drawings/documents for Mechanical, Electrical, C&I, Civil etc. submitted by EPC shall be reviewed, examined but not limited to the following:

i. Scrutinizing EPC's design basis and related documents for conformity to the ordered specification. Vendors manufacturing drawings shall be scrutinized/ commented upon in appropriate format along with mark-up, if any, within (7) Seven working days from date of receipt.
ii. Coordination for design & engineering with EPC, equipment vendors, civil contractors, erection agencies and company's officers.
iii. Providing technical assistance to OIL in clarifications of technical matters.
iv. Coordination with EPC as well as sub-Supplier to obtain the requisite data / information for scrutinizing and forwarding with comments to OIL.
v. Coordinating with EPC for coordination of Erection with equipment / erection contractor (s).
vi. Inspection of critical equipment at works.
vii. Design and engineering of complete project to be examined and to be reviewed.
viii. Review, examination, and approval of the drawings incorporating all systems / equipment / specialties / instrumentation keeping whole plant in view for future maintenance work required in the plant irrespective of scope.
ix. Preparing and submission of basic study reports along with supporting calculation / documents for the different systems wherever applicable.
x. Scrutiny, submission of comments and recommendation for approval of the test certificates. Consultant shall scrutinize and forward comments on test certificates of various civil works, concrete test blocks and different mechanical, electrical and C&I equipment/systems supplied. Comments on drawings shall be submitted within 7 (Seven) days from the date of receipt.
xi. Review and approval of Ground Mounted Solar PV plant, Floating Solar plant and Wind power plant layout (s) and all other drawings.
xii. Coordination and verification of suppliers from EPC and submission of manuals, drawings in time.
xiii. Review of operation and maintenance manual submitted by respective supplier.
xiv. Consultant shall involve OIL's engineers while designing / engineering critical items pertaining to all disciplines such as Mechanical, Civil, Electrical, C&I etc. OIL's engineers can visit design office for participation. Consultant upon receipt of LOI / Order shall plan out area in which OIL's engineers are to be involved in design work.

xv. In engineering and design work, after commissioning, any fault due to system design observed than consultant shall review the revised drawings and documents submitted by OIL/EPC without any additional compensation within one year after successful commissioning of the unit.
xvi. Consultant shall scrutinize the performance test procedure and as per guaranteed parameters submitted by contractor with bid in conformity to relevant standards, the consultant shall witness and evaluate performance test of Wind / Solar PV Plant (Ground Mounted or Floating) & equipment including retests, if any. Performance test evaluation shall be completed within one week. Recommend the levy of penalty.
xvii. To study existing facilities that can be utilized for proposed project and to understand the problems faced by OIL's site engineers and to collect site

data, consultant shall visit site whenever needed and incorporate the same in proposed project's design and engineering.

xviii. Review of detailed plant operation and maintenance manuals which should also include desirable ranges of operating parameters of important/major equipment and processes, maintenance check lists, troubleshooting charts etc.

xix. The consultant shall review system operational manual for all systems incorporating interlock / protection / tolerance for individual equipment.

xx. Review of geo-technical investigation, soil investigation report and recommendations accordingly.

xxi. Detailed scrutiny, checking, review and comments on general arrangement and fabrication drawings, for sections used, type of connection employed and connection details for main steel structures submitted by the principal steel contractor. The consultant should submit their comments in 7(Seven) days' time after receipt of documents and drawings from the contractor.

xxii. Detailed scrutiny, checking, review and comments on Vendor's equipment general arrangement drawings, foundation outlines, masonry, and steel design drawings to ensure compliance with specific requirements of contract specification and completeness / clarity of requisite data with respect to relevant prevailing provisions of IS Codes/IRS Codes etc. Suggesting better alternatives of any part of drawing/design/details, calculations, etc for more clarity and fast processing.

xxiii. Detailed scrutiny, checking, review and comments on architectural drawings showing floor plans wall sections, floor details, bill of materials and specifications for doors, windows, etc. and plumbing arrangement drawings for all the buildings with respect to relevant prevailing provisions of IS Codes/IRS codes etc. all suggesting better alternatives of any part of drawing/design/details, calculations, etc for more clarity and fast processing.

xxiv. **Control Schematics**

i. Bill of Materials for piping.

ii. Preparing lists of control station indicating starting at local/remote, annunciation and indication requirement.

iii. Plant safety interlocks schemes.

The Consultant shall Review, examine, submit comments, and recommend for approval of the Engineering & Design calculations submitted by vendors, in duplicate to OIL for civil, mechanical, electrical, instrumentation & Controls.

iii. Project Monitoring

- In order to monitor the project at OIL's Corporate Office level, Consultant shall prepare and forward progress report covering design engineering, procurement and site construction activities every day and detailed report every week. Whenever necessary, representative of consultant shall visit OIL corporate office to attend project review meeting. Consultant should lead the technical review meetings with respect to finalized agenda points, preparation of Minutes of Meeting, circulating above to all concern officers and tracking the implementations of finalized points, periodically.

- Preparation and periodic updating of project network schedule, based on committed and revised delivery schedule, by various suppliers and erectors, keeping in view of time schedule. Delay in approval of drawings etc. shall be the responsibility of the consultant and proportionate penalty shall be levied if plant activities are delayed by consultant.

iv. Site Supervision & Reporting

- Consultant's Personnel - Consultant warrants that it shall provide all manpower for the necessary operations, supervision and execution of all works under this contract to company's satisfaction. The personnel to be deployed by the consultant must be competent and sufficiently experienced to perform the works correctly and efficiently except where otherwise stated.
- Except as otherwise hereinafter provided, the selection, replacement and remuneration of consultant's personnel shall be determined by consultant. Such employees shall be the employees solely of consultant. Consultant shall ensure that its personnel will be competent and efficient.
- **Replacement of Consultant's Personnel -** Consultant will immediately remove and replace any of the Consultant's personnel, who in the opinion of company, is incompetent, or negligent or of unacceptable behaviour or whose employment is otherwise considered by company to be undesirable.
- Providing supervision at site during construction, fabrication, erection, testing, commissioning and conducting all performance guarantee tests to the satisfaction of Company i.e. OIL.
- Consultant shall be engaged in day-to-day activities and provide timely clarifications as and when required till successful commissioning of project by deputing a dedicated well conversant engineer for site activity and quality check.
- **Performance Test:** The Consultant shall witness performance test post commissioning of the project.
- **Quality Check Report:** The consultant shall submit quality check report for rectification by the EPC and shall check the as built drawings / documents, O&M documents submitted by the EPC post commissioning of project.
- The consultant shall provide the services of one full time Resident Consulting Engineer and other experienced engineers to carry out supervision of construction/ fabrication / erection and start-up / commissioning of the plant and assist OIL in coordinating various start-up, initial operation and commissioning activities and in conducting performance and acceptance tests of the units / equipment / system, as per requirement of OIL. The site engineers shall comprise of Mechanical, Electrical/C&I, Civil Engineers.
- Carrying out site management activities and highlight the various critical areas or Risk Assessment for OIL to take necessary remedial actions.
- Review of check lists for commissioning activities.
- Review of detailed plant operation and maintenance manuals which should also include desirable ranges of operating parameters of important equipment and processes, maintenance check lists, troubleshooting charts etc.
- Submission of Progress Report PERT CHART/BAR CHART incorporating all activities required for the completion of the project well in time.
- Checking and certification of invoices/bills submitted by EPC against milestone activities to OIL for payment.

- Deployment of adequate technical supervisory personnel under Resident Consulting Engineer at site to associate with OIL during the erection testing and commissioning of the entire plant along with all system etc.

v. **Coordination**

- The Consultant shall work closely with the company (OIL) and promptly carry out their part of the work to enable the completion and commissioning of the projects within the stipulated time. The company on its part shall also closely cooperate with the consultant at all times and especially during evaluation of bids for equipment, material and construction services in order to ensure timely placing of orders and awarding of contracts. The consultancy services will be rendered quickly for all the work stipulated in the scope of this specification to enable satisfactory and early completion of the project.

vi) **Additional Services**

At the specific request of the company, the Consultant shall provide such additional services not listed in the specifications in relation to the project activities without any additional cost to the company.

3.0 Duration of Assignment:

The total duration of each of the assignment shall typically be 4–8 weeks from the date of issue of notice to proceed for starting the jobs after empanelment. Multiple jobs may be assigned at a time. Hence, the consultant shall ensure deployment of adequate expert resources to meet the timelines. For both the jobs (TDD for M&A and Technical consultancy – pre-bid & post bid), consultant shall ensure availability of qualified professionals in the areas of electrical, mechanical, process, and civil engineering, with domain expertise in renewable energy.

4.0 Deliverables & Payment Terms

A) For Technical Due Diligence of Renewable Energy assets (Renewable Energy assets shall comprise of Solar PV, Solar + BESS, Hybrid assets) & Compressed Biogas (CBG) assets for Merger & Acquisition activities:

Sl. No.	Deliverable	Timeline	Payment (%)
1	Submission of Inception Report	Within 1 week of award	10%
2	Draft Due Diligence Report	Within 4–6 weeks	50%
3	Final Report & Presentation	Within 1 week after comments	40%

(Payments shall be released upon approval of deliverables.)

B) For technical consultant for pre-bid technical advisory to support participation in tenders for RE power plants. The consultant shall be paid at the completion of job, with payments released upon verification of work completed by OGEL.

C) For technical consultant for post-bid technical advisory, comprising of preparation, Detailed Project Report (DPR), providing Project Management Consultancy (PMC) services for Renewable Energy (Solar PV, Solar + BESS, Hybrid) projects:

Sl. No.	Milestone	% of Payment
A	**Preparation of DPR**	**% of total lump-sum fee awarded for DPR**
a	Submission of Inception Report (DPR)	10%
b	Submission of Draft DPR	50%
c	Final Report & Presentation	40%
B	**PMC Services for RE projects of OIL**	**% of Total lump-sum fee awarded for PMC**
a	Finalization of EPC tender	5 %
b	Recommendation for award of EPC	10 %
c.	Project Management Service - progressive payment based on actual progress as given below for each site:	
i.	Approval of the manufacturing & construction drawings	10%
ii.	Approval of the QAP	5%
iii.	Completion of Micro siting Activity	5%
iv.	Completion of foundation work for Structure	5%
v.	Completion of erection of Structure	5%
vi.	Completion of Inspection work	5%
vii.	Completion of erection Solar Panels/ Wind turbine/ BESS asset	5%
viii.	Completion of all pre-commissioning activities	5%
ix.	Submission of all statutory / Clearance applications to different departments as applicable as well as Submission of all documents / as	10%
x.	Testing & Commissioning of the Renewable Asset.	10%
xi.	On successful completion of Operational Acceptance Test (OAT) and demonstration of Performance Ratio (PR)	10 %

xii.	On successful completion of Performance Guarantee Test after 12 months from commissioning and completion of all punch points items	5 %
xiii.	Monitoring O&M on behalf of OIL for a period of three (3) months from Date of Commissioning.	5 %
Total:		**100 %**

5.0 Confidentiality:

All information shared by the company shall be treated as strictly confidential. The consultant shall not disclose or use the data for any purpose other than completion of the assigned task/job.

6.0 PRE-QUALIFICATION CRITERIA (PQC):

Evaluation Methodology

The evaluation of the bidders shall at two stages viz. Stage-1 and Stage-2 for both the services mentioned below:

A. Technical Due Diligence (TDD) of renewable energy & Compressed Biogas (CBG) assets for merger & acquisition activities.
B. Pre-bid technical advisory to support participation in tenders for RE power plants (Solar PV, Solar + BESS, Hybrid) and Post-bid support including Detailed Project Report (DPR) and Project Management Consultancy (PMC) for development of renewable energy projects of OGEL

A. For bidder offering Technical Due Diligence (TDD) of renewable energy & Compressed Biogas (CBG) assets for merger & acquisition activities:

1. Stage-1:

Applicants must meet the minimum eligibility criteria as below:

i. Completed at least 3 technical due diligence consultancy assignments in last 10 years, reckoned from the date of publishing this EOI, in RE (Solar PV, Solar + BESS/ Hybrid)/CBG sector for M&A or transaction advisory for government entity/ PSU/ public limited company or private limited company. Bidder shall provide work order/ LOA or any other document to prove award of contract/ job and job completion certificate for the above contract/job.

ii. Average annual financial turnover as per Audited Annual Reports of the last three accounting years reckoned from the date of publishing of this EOI, must be at least **INR Two (02) Crores.**

Only firms meeting qualifying in Stage-1 above shall be considered for Stage-2.

2. Stage-2:

The bidders qualifying Stage-1 above shall be required to submit a report and make a physical presentation before OIL. The dates and time for the same shall be communicated to the Stage-1 qualified bidders.

Parameter	**Sub-Parameter**	**Total Marks**
A. Experience of the Firm in Scale deals	Technical Due Diligence (TDD) for assets of total <500MW operational renewable capacity in India. Bidder must submit prove of job/ contract assignment and job/ contract completion certificate for the above – ***(10 Marks)***	25
	TDD for assets of total 500MW – 1.5GW operational renewable capacity in India. Bidder must submit prove of job/ contract assignment and job/ contract completion certificate for the	

Parameter	Sub-Parameter	Total Marks
	above - ***(15 Marks)***	
	TDD for assets of total >1.5GW operational renewable capacity in India. Bidder must submit prove of job/ contract assignment and job/ contract completion certificate for the above -***(25 Marks)***	
B. Presentation/ Interaction	Firm experience for M&A of RE (Solar PV, Solar + BESS, Hybrid) project/ CBG project (**maximum marks- 15 marks**): • Firm with experience of 7 or more years- **15 marks** • Firm with experience of 3 to less than 7 years- **10 marks** • Firm with experience of less than 3 years- **5 marks**	50
	Team Role and Capability: Experience, and track record of team leader and experts proposed in TDD for M&A – **(maximum marks: 10 marks)** • If the team leader and experts proposed has 5 or more years of experience in TDD for M&A – **10 marks** • If the team leader and experts proposed has less than 5 years of experience in TDD for M&A – **5 marks**	
	Understanding of the scope, proposed approach and methodologies: Completeness of TDD framework (coverage across key focus areas e.g. engineering., construction, O&M), Digital tools and models employed – **(10 marks)**	
	Track record of the firm: **(maximum marks- 10 marks)-** • TDD for M&A in RE for PSU/ Government entities/ public listed companies – **10 marks** • TDD for M&A in RE for others- **5 marks**	
	Methodology for risk identification, quantification and mitigation**- (5 marks)**	

Minimum qualifying marks: 35 out of total score of 75 marks

Note:

a. All firms scoring total marks of 35 or above shall be empanelled for 2 years. However, if none of the bidders score 35 or above the minimum qualifying marks shall be reduced by 5 marks (i.e. minimum qualifying marks shall be 30 marks).
b. If the team leader/ experts proposed during the presentation changes during the period of the empanelment, the bidder must provide team leader/ experts with same experience as offered during the presentation. The team leader/ expert shall be onboarded only after written approval from OGEL.
c. Actual allocation of jobs/ tasks shall be done based on the lowest quoted price (L1) amongst the empanelled consultants.
d. Tender shall be published among empanelled vendors as per requirements.

B. For bidder offering pre-bid technical advisory to support participation in tenders for RE power plants (Solar PV, Solar + BESS, Hybrid) and post-bid support including Detailed Project Report (DPR) and Project Management Consultancy (PMC) for development of renewable energy projects of OGEL

1. Stage-1:
Applicants must meet the minimum eligibility criteria as below:

i. Completed at least 3 similar works of minimum 100 MW capacity each in last 10 years, reckoned from the date of publishing this EOI, for a government entity/ PSU/ public limited company or private limited company. Bidder shall provide work order/ LOA or any other document to prove award of contract/ job and job completion certificate for the above contract/job.
ii. Such Projects / jobs / work(s) / similar works referenced in aforesaid para, must involve preparation of DPR, Review of Design, Engineering, Procurement; Project management, Construction management to plan, coordinate, monitor, and control all activities related to the construction phase of a project. The project(s), for which the above experience is claimed, should have been satisfactorily completed and / or handed over / commissioned prior to the date of EOI closing.
iii. Average Annual financial turnover as per Audited Annual Reports of the last three accounting years reckoned from the date of publishing of this EOI, must be at least **INR Two (02) Crores.**

Only firms meeting qualifying in Stage-1 above shall be considered for Stage-2.

2. Stage-2:

The bidders qualifying Stage-1 above shall be required to submit a report and make a physical presentation before OIL. The dates and time for the same shall be communicated to the Stage-1 qualified bidders.

Parameter	**Sub-Parameter**	**Total Marks**
A. Experience of the Firm in Scale deals	Preparation of Pre-bid advisory or DPR and PMC services for assets of total <500MW operational renewable capacity in India. Bidder must submit prove of job/ contract assignment and job/	25

Parameter	Sub-Parameter	Total Marks
	contract completion certificate for the above – ***(10 Marks)***	
	Preparation of Pre-bid advisory or DPR and PMC services for assets of total 500MW – 1.5GW operational renewable capacity in India. Bidder must submit prove of job/ contract assignment and job/ contract completion certificate for the above - ***(15 Marks)***	
	Preparation of Pre-bid advisory or DPR and PMC services for assets of total >1.5GW operational renewable capacity in India. Bidder must submit prove of job/ contract assignment and job/ contract completion certificate for the above - ***(25 Marks)***	
B. Past Performance	If the bidder has conducted at least three (03) technical consultancies during pre-bid stage and DPR and PMC services for Solar PV/ Solar + BESS/ Hybrid project of minimum 100MW. Bidder must submit prove of job/ contract assignment and job/ contract completion certificate for the above - ***(15 Marks)***	25
	If the bidder has conducted more than three (03) technical consultancies during pre-bid stage or DPR and PMC services for Solar PV/ Solar + BESS/ Hybrid project of minimum 100MW. Bidder must submit prove of job/ contract assignment and job/ contract completion certificate for the above – ***(25 Marks)***	
C. Presentation/ Interaction	Firm experience for technical consultancy in pre-bid stage and DPR preparation & PMC for RE (Solar PV, Solar + BESS, Hybrid) project and qualification of the team members – (**maximum marks- 15 marks**): • Firm with experience of 7 or more years- **15 marks** • Firm with experience of 3 to less than 7 years- **10 marks** • Firm with experience of less than 3 years- **5 marks**	50

Parameter	Sub-Parameter	Total Marks
	Team Role and Capability: Experience, and track record of team leader and experts proposed in technical consultancy for Pre-bid and Post bid – **(maximum marks: 10 marks)** • If the team leader and experts proposed has 5 or more years of experience in technical consultancy for Pre-bid and Post bid – **10 marks** • If the team leader and experts proposed has less than 5 years of experience in technical consultancy for Pre-bid and Post bid – **5 marks**	
	Understanding of the scope, proposed approach and methodologies: site assessment and design methodology, approach for tender review & deviation analysis, proposed DPR framework, Monitoring & reporting framework during project execution– **(10 marks)**	
	Timely delivery of project **(maximum marks- 10 marks)-** • If average deviation (across all RE projects between committed and actual project timeline is less than 25% – **15 marks** • If average deviation (across all RE projects) between committed and actual project timeline is 25% or more - **10 marks**	
	Methodology for risk identification, quantification and mitigation- **(5 marks)**	

Minimum qualifying marks: 50 out of total score of 100 marks.
Note:

1. All firms scoring total marks of 50 or above shall be empanelled for 2 years. However, if none of the bidders score 50 or above the minimum qualifying marks shall be reduced by 5 marks (i.e. minimum qualifying marks shall be 45 marks).
2. If the team leader/ experts proposed during the presentation changes during the period of the empanelment, the bidder must provide team leader/ experts with same experience as offered during the presentation. The team leader/ expert shall be onboarded only after written approval from OGEL.
3. Actual allocation of jobs/ tasks shall be done based on the lowest quoted price (L1) amongst the empanelled consultants.

4. The bidders qualifying Stage1 above shall be required to submit a report and make a physical presentation before OIL. The dates and time for the same shall be communicated to the Stage 1 qualified bidders.
5. Tender shall be published among empanelled vendors as per requirements.

7.0 Validity of Empanelment: The empanelment of qualified parties will be valid for a period of 02 (two) years.

8.0 Address for Communication:

Interested Bidders are requested to visit our website www.oil-india.com for further details on the above and submit their Expression of Interest latest by **13.01.2026 till 17:00 Hrs** (IST) to the following address:

General Manager (C&P)
Oil India Limited, Plot No. 19, Sector-16A,
Noida–201301

Bidders must ensure that submissions through post reaches the above address before 17:00 hours on the last date of submission (**13.01.2026**). Any application received after the deadline will be summarily rejected.

The expression of Interest along with all requisite documents may also be sent through e-mail to the e-mail id **corpcnpeoi@oilindia.in** within the closing date and time of this invitation of EOI.

For any inquiries or clarifications regarding this EOI, interested parties may contact: shashank.tripathi@oilindia.in

PROFORMA-A

(To be submitted in the letter head of the bidder)

To,
GM (C&P)
Oil India Limited,
OIL House, Plot No. 19, Sector 16A,
Noida-201 301, U.P.

We, _____ (Name of the bidder) have submitted our offer for empanelment against following category:

Sl No.	Category of Technical Consultant	Response submitted for
1.	M&A activities: Conducting technical due diligence (TDD) of Renewable Energy (RE) and Compressed Biogas (CBG) assets for Merger & Acquisition (M&A) activities;	
2.	Bid Participation activities: Rendering technical consultancy services during pre-bid stage of Renewable Energy (RE) project bids and technical consultancy/ Project Management Consultancy (PMC) services during post-bid stage.	

(Note: Parties are requested to check (✓) the column "Response submitted for" against the category they are participating in. A bidder may submit their offer either for both above-mentioned services or for any one of the two services mentioned.)

For and on behalf of _____

Authorized signatory _____

Name _____

Designation _____

Contact No. _____

*****End of Expression of Interest*****