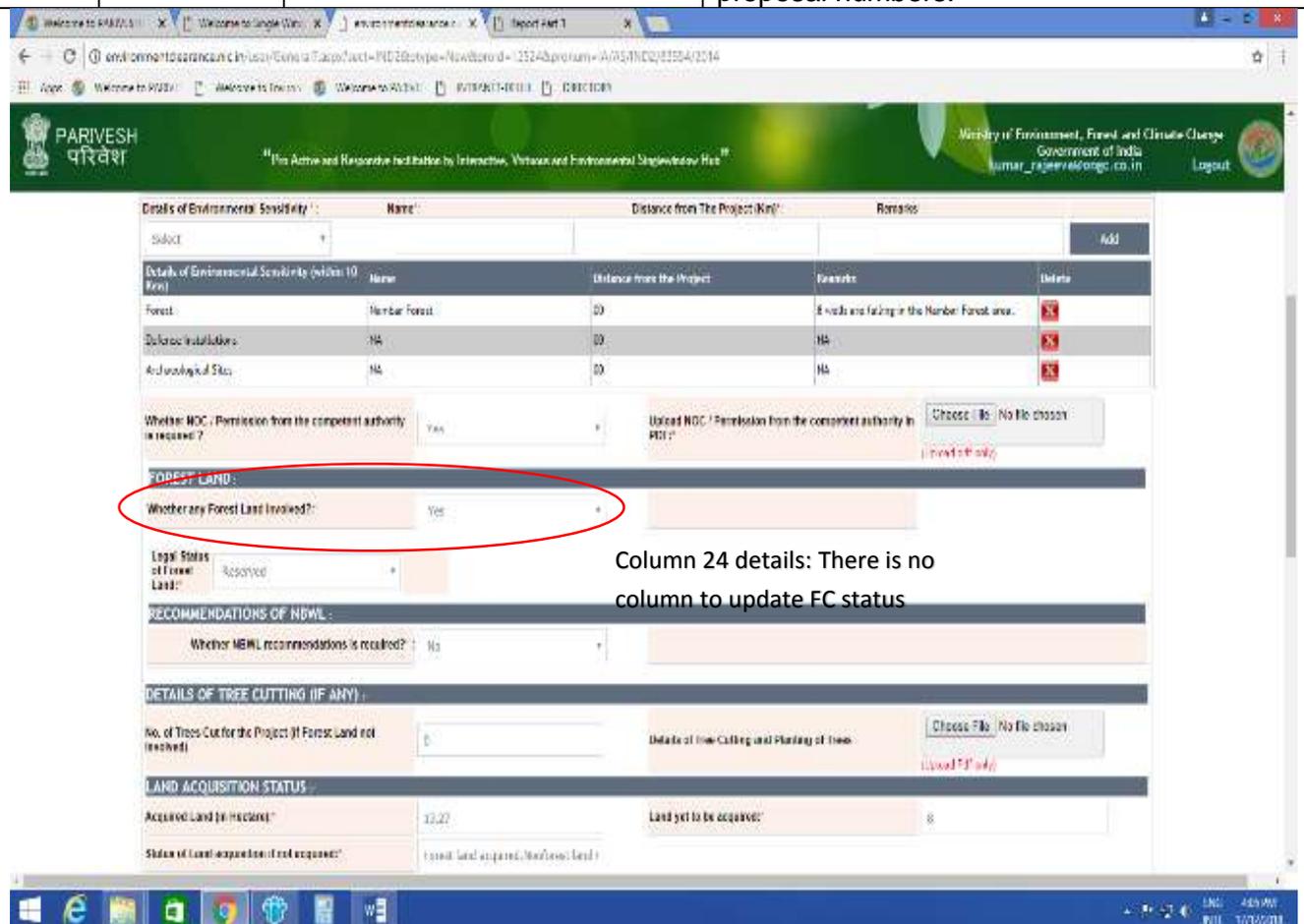


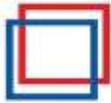
**EDS dated 16.12.2018**

S. no	EDS date	EDS	Reply
1	16.12.2018	In view of the discrepancies still persisting (Column 24 shows application for forest clearance yet to be submitted, Column 26 shows forest land acquired), we reiterate our observations dated 3/12/2018 for the needful.	<p>Online applications for Forest Clearance for 8 development wells from these existing locations have been applied as per the following proposal numbers:</p> <ol style="list-style-type: none"> <li>1. FP/AS/MIN/37035/2018 (1 well)</li> <li>2. FP/AS/MIN/35383/2018 (3 well)</li> <li>3. FP/AS/MIN/22288/2016 (1 well)</li> <li>4. FP/AS/MIN/23925/2017 (1 well)</li> <li>5. FP/AS/MIN/21919/2016 (1 well)</li> <li>6. FP/AS/MIN/36014/2018 (1 well)</li> </ol> <p>However, due to technical issue of the online portal, we are unable to update the FC details in column 24 of FORM-2 as shown below.</p> <p>The matter was discussed at length with NIC, MoEFCC for updating of FC details. It was clarified by the NIC that there is no provision to update the FC details at this moment.</p> <p>In view of the above constraint, it is requested to kindly consider the project for grant of EC since all the FC applications have been submitted as per the above mentioned proposal numbers.</p>



**EDS dated 03.12.2018**

<b>S. no</b>	<b>EDS date</b>	<b>EDS</b>	<b>Reply</b>
1	03.12.2018	Details provided in response to our earlier observations dated 11/11/2018, are not consistent/matching with those mentioned in column 24 (for forest clearance) & column 26 (land acquisition status) of Form-2, and need to be corrected for factual information	<p>With regard to the observation that our response to earlier query is not consistent/matching with those mentioned in column 24 (for forest clearance) &amp; column 26 (land acquisition status) of Form-2.</p> <p>Following clarification is submitted for kind perusal:</p> <ul style="list-style-type: none"><li>• 13.27 ha of forest land was acquired by ONGC during exploratory phase which is still in occupancy with ONGC. The same forest land would be used for proposed development drilling of 8 wells.</li><li>• Online applications for Forest Clearance for 8 development wells from these existing locations have been applied.</li><li>• Remaining 8 Ha of non-forest land for proposed development drilling of 4 wells shall be acquired shortly.</li></ul>
		Please inform present status of accreditation of the EIA Consultant M/s Asian Consulting Engineers Pvt Ltd.	<p>M/s Asian Consulting Engineers Pvt. Ltd. are QCI-NABET accredited consultants as per the latest list of accredited consultants available on QCI-NABET and MoEFCC website (Letter from M/s Asian Consulting Engineers Pvt Ltd. along with latest list is enclosed as Annexure-A).</p> <p>Office assessment for QCI accreditation of M/s Asian Consulting Engineers Pvt Ltd. has already been conducted from Nov 19-21, 2018. Now, the new certificate is awaited.</p>



COMPLETE SOLUTIONS  
IN WATER & ENVIRONMENT

**Asian Consulting Engineers (Pvt.) Ltd.**

Ref No: AM/RS/ACE301/1118/3698

Date: 23<sup>rd</sup> November 2018

**TO WHOM SOEVER IT MAY CONCERN**

We are informing hereby that we are NABET accredited consultants and our name is mentioned in the latest list of consultants available on QCI- NABET and MoEF website (*latest list attached with this letter*). We would also inform that our office assessment for QCI accreditation has already been conducted from Nov 19-21, 2018. Now, the new certificate is awaited.

Thanking you,

For M/s Asian Consulting Engineers Pvt. Ltd.

(Abhay Mahajan)  
Managing Director.



65 Hemkum Colony | 2nd Floor | New Delhi-110045 | T: +91 11 4163 5644 | F: +91 11 4163 4926

E-mail: [info@asianconsulting.org](mailto:info@asianconsulting.org) | Web: [www.asianconsulting.org](http://www.asianconsulting.org)

**List '1' - Accredited EIA Consultant Organizations (ACOs) - as on November 12, 2018<sup>#</sup>**

S. No.	Consultant Organization	Scope of Accreditation			
		As per NABET Scheme			Project or Activity as per Schedule of MoEFCC Notification dated September 14, 2006 and subsequent Amendments
		Sector Number	Name of Sector	Category	
1	<b>Aadhi Boomi Mining and Enviro Tech Private Limited</b> (formerly known as Suriya Mining Services) Address: 3/216, K.S.V.Nagar, Narasothipatti, Salem-636004 Email: <a href="mailto:suriyakumarsemban@gmail.com">suriyakumarsemban@gmail.com</a> Tel.: 09842729655, 09443290855 Conditions apply	1	Mining of minerals – opencast only	A	1 (a) (i)
		3	River Valley Projects	A	1 (c)
		7	Mineral beneficiation	A	2 (b)
		9	Cement Plants	A	3 (b)
		34	Highways	B	7 (f)
		38	Building and construction projects	B	8(a)
2	<b>Aakhivi Consultants</b> Address: 57 C, Block E5, Shatabdi Vihar, Sector 52, Noida, UP - 201 308	1	Mining of minerals - opencast only	A**	1 (a) (i)
		4	Thermal power plants	A**	1 (d)

S. No.	Consultant Organization	Scope of Accreditation			Project or Activity as per Schedule of MoEFCC Notification dated September 14, 2006 and subsequent Amendments
		As per NABET Scheme			
		Sector Number	Name of Sector	Category	
			management facility (CMSWMF)		
		38	Building and construction projects	B	8 (a)
		39	Townships and Area Development projects	B	8 (b)
15	<b>Asian Consulting Engineers (Pvt.) Ltd.</b>  <b>Address:</b> 66, Hemkunt Colony, 2 <sup>nd</sup> Floor, New Delhi – 110048  <b>e. mail:</b> amahajan@asianconsulting.org  <b>Tel.:</b> 011- 41634926 09312693905  <i>Conditions apply</i>	2	Offshore and onshore oil and gas exploration, development & production	A	1 (b)
		3	River valley projects	A	1 (c)
		7	Mineral beneficiation including pelletisation	A	2 (b)
		8	Metallurgical industries - (ferrous & nonferrous) - both primary & secondary	A	3 (a)
		16	Chemical Fertilizers	A	5 (a)
		27	Oil & gas transportation pipeline (crude and refinery/ petrochemical products), passing through national parks/ sanctuaries/coral reefs /ecologically sensitive Areas including LNG terminal	A	6 (a)
		33	Ports, harbours, break waters and dredging	A	7 (e)

### Reply to EDS

S. no	EDS date	EDS	Reply
1	11.11.2018	Copy of the ToR dated 18/12/2014 not attached. Any extension thereof	TOR copy and extension of TOR attached herewith as Annexure-1

			and Annexure-2 respectively.
		Certificate of Accreditation for the EIA consultant not attached.	Certificate of Accreditation for the EIA consultant attached in the desired field in the online FORM-2
		Status of the proposal for forest clearance as indicated at item 24 of Form-2	8 wells fall in forest land. Online applications for Forest Clearance of all 8 wells have been applied and is under process.
		Status of acquisition of land of 13.27 ha of land	13.27 Ha land has been acquired.

F. No. J-11011/49/2014- IA II (I)  
Government of India  
Ministry of Environment, Forests and Climate Change  
(I.A. Division)

Indira Paryavaran Bhawan  
Aliganj, Jorbagh Road,  
New Delhi -110003

E-mail : ik.bokolia@nic.in  
Dated : 18<sup>th</sup> December, 2014

To,

Dr. J S Sharma  
M/s Oil & Natural Gas Corporation Ltd.  
Corporate Health, Safety & Environment Management,  
8<sup>th</sup> Floor, SCOPE Minar, Laxmi Nagar,  
Delhi -110092

E-mail: baruah\_k1@ongc.co.in ; Fax No. : 03772-252300

**Subject:** Development Drilling of 4 wells in Borholla ML block, Jorhat District and development drilling of 8 wells in Nambar ML area, East Lakhbari ML area, Khoraghat ML and Khoraghat extension ML area in Golaghat District, Assam by M/s ONGC Ltd. - regarding TORs.

**Ref.:** Your letter no. ONGC/CHSE/TOR/2013-14 dated 3<sup>rd</sup> February, 2014.

Sir,

Kindly refer to your letter dated 3<sup>rd</sup> February, 2014 alongwith project documents including Form-I, Pre-feasibility Report and draft 'Terms of Reference' as per the EIA Notification, 2006. It is noted that proposal is for development Drilling of 4 wells in Borholla ML block, Jorhat District and development drilling of 8 wells in Nambar ML area, East Lakhbari ML area, Khoraghat ML and Khoraghat extension ML area in Golaghat District, Assam by M/s ONGC Ltd.

2.0 Draft Terms of Reference (TOR) have been discussed and finalized during the 17<sup>th</sup> Reconstituted Expert Appraisal Committee (Industry) held during 18<sup>th</sup> - 19<sup>th</sup> March, 2014 for preparation of EIA/EMP report. Following are the 'TORs':

1. Executive summary of a project
2. Project description, project objectives and project benefits.
3. A certified copy of the report of the status of compliance of the conditions stipulated in the environmental clearance and Consent to Operate for the ongoing / existing operation of the project by the Regional Office of the Ministry of Environment and Forests and SPCB.
4. Site details within 1 km of the each proposed well, any habitation, any other installation/activity, flora and fauna, approachability to site, other activities including agriculture/land, satellite imagery for 10 km area. All the geological details shall be mentioned in the Topo sheet of 1:40000 scale, superimposing the well locations and other structures of the projects.



5. CRZ clearance/ recommendation from State Coastal Zone Management Authority, if applicable.
6. Details of forest land involved in the proposed project. A copy of forest clearance letter, if applicable.
7. Permission from the State Forest Department regarding the impact of the proposed project on the surrounding National Park/Wild life Sanctuary/Reserve Forest/Eco sensitive area, if any. Approval obtained from the State/Central Government under Forest (Conservation) Act, 1980 for the forestland shall be submitted.
8. Distance from nearby critically/severely polluted area as per Notification, if applicable.
9. Does proposal involves rehabilitation and resettlement? If yes, details thereof.
10. Details of project cost.
11. Environmental considerations in the selection of the drilling locations for which environmental clearance is being sought. Present any analysis suggested for minimizing the foot print giving details of drilling and development options considered.
12. Baseline data collection for air, water and soil for one season leaving the monsoon season in an area of 10 km radius with centre of Oil Field as its centre covering the area of all proposed drilling wells.
  - (i) Topography of the project site.
  - (ii) Ambient Air Quality monitoring at 8 locations for PM10, SO2, NOx, VOCs, Methane and non-methane HC.
  - (iii) Soil sample analysis (physical and chemical properties) at the areas located at 5 locations.
  - (iv) Ground and surface water quality in the vicinity of the proposed wells site.
  - (v) Climatology and Meteorology including wind speed, wind direction, temperature rainfall relative humidity etc.
  - (vi) Measurement of Noise levels within 1 km radius of the proposed wells.
  - (vii) Vegetation and land use; Animal resources
13. Incremental GLC as a result of DG set operation.
14. Potential environmental impact envisages during various stages of project activities such as site activation, development, operation/ maintenance and decommissioning.
15. Actual source of water and 'Permission' for the drawl of water from the Competent Authority. Detailed water balance, wastewater generation and discharge.
16. Noise abatement measures and measures to minimize disturbance due to light and visual intrusions in case coastally located.
17. Treatment and disposal of waste water.
18. Treatment and disposal of solid waste generation.
19. Disposal of spent oil and lube.
20. Storage of chemicals and diesel at site.
21. Commitment for the use of WBM only
22. Mud make up and mud and cutting disposal – all options considered shall be listed with selective option.
23. Hazardous material usage, storage accounting and disposal.
24. Disposal of packaging waste from site.

25. Oil spill emergency plans in respect of recovery/ reclamation.
26. H2S emissions control.
27. Produced oil handling and storage.
28. Details of scheme for oil collection system along with process flow diagram and its capacity.
29. Details of control of air, water and noise pollution in oil collection system.
30. Disposal of produced/formation water.
31. Whether any burn pits being utilised for well test operations.
32. Restoration and decommissioning plans which shall include mud pits and wastage restoration also and documentation and monitoring of site recovery.
33. Measures to protect ground water and shallow aquifers from contamination.
34. Risk assessment and disaster management plan for independent reviews of well designed construction etc. for prevention of blow out.
35. Environmental management plan.
36. Documentary proof of membership of common disposal facilities, if any.
37. Details of environmental and safety related documentation within the company including documentation and proposed occupational health and safety Surveillance Safety Programme for all personnel at site. This shall also include monitoring programme for the environmental.
38. Total capital and recurring cost for environmental control measures.
39. A copy of Corporate Environment Policy of the company as per the Ministry's O.M. No. J-11013/41/2006-IA.II(I) dated 26th April, 2011 available on the Ministry's website.
40. Public hearing to be conducted and issues raised and commitments made by the project proponent on the same should be included in EIA/EMP Report in the form of tabular chart with financial budget for complying with the commitments made.
41. Any litigation pending against the project and or any direction/order passed by any court of law against the project. If so details thereof.
42. A tabular chart with index for point-wise compliance of above TORs.

The following general points should be noted:

- (i) All documents should be properly indexed, page numbered.
- (ii) Period/date of data collection should be clearly indicated.
- (iii) Authenticated English translation of all material provided in Regional languages.
- (iv) The letter/application for EC should quote the MOEF file No. and also attach a copy of the letter.
- (v) A copy of the letter received from the Ministry should be also attached as an annexure to the final EIA-EMP Report.
- (vi) The final EIA-EMP report submitted to the Ministry must incorporate the issues in this letter. The index of the final EIA-EMP report must indicate the specific chapter and page no. of the EIA-EMP Report where the above issues have been incorporated.
- (vii) Certificate of Accreditation' issued by the QCI to the environmental consultant should be included.

3.0 These 'TORs' should be considered for the preparation of EIA / EMP report for Development Drilling of 4 wells in Borholla ML block, Jorhat District and development drilling of 8 wells in Nambar ML area, East Lakhbari ML area, Khoraghat ML and Khoraghat extension ML area in Golaghat District, Assam by M/s ONGC Ltd. in addition to all the relevant information as per the 'General Structure of EIA' given in Appendix III and IIIA in the EIA Notification, 2006. The EIA/EMP as per TORs should be submitted to the **Chairman, Assam Pollution Control Board, (APCB)** for public consultation. The **APCB** shall conduct the public hearing/public consultation as per the provisions of EIA notification, 2006.

4.0 You are requested to kindly submit the final EIA/EMP prepared as per TORs and incorporating all the issues raised during Public Hearing / Public Consultation to the Ministry for considering the proposal for environmental clearance *within within 3 years as per the MoEF O.M. No. J-11013/41/2006-IA.II (I) (Part) dated 8<sup>th</sup> October, 2014.*

5.0 The consultants involved in the preparation of EIA/EMP report after accreditation with Quality Council of India / National Accreditation Board of Education and Training (QCI/NABET) would need to include a certificate in this regard in the EIA/EMP reports prepared by them and data provided by other Organization(s)/Laboratories including their status of approvals etc.



(Lalit Bokolia)  
Additional Director

**Copy to :**

- i. The Addl. Principal Chief Conservator of Forests (C), Regional Office of MoEF & CC, Govt. of India, Law-U-Sib, Lumbatnagen, Near MTC Workshop, Shillong-793021
- ii. The Chairman, Assam Pollution Control Board, Bahunimatram, Guwahati, Assam. (E-mail: [membersecretary@pcbassam.org](mailto:membersecretary@pcbassam.org))



(Lalit Bokolia)  
Additional Director

**F.No. J-11011/49/2014-IA II (I)**  
Government of India  
Ministry of Environment, Forest & Climate Change  
IA-II Division

Indira Paryavaran Bhawan  
Jorbagh Road, New Delhi - 3  
Dated: 2<sup>nd</sup> February, 2018

To

M/s Oil and Natural Gas Corporation Ltd,  
Corporate Health, Safety & Environment Management,  
8<sup>th</sup> Floor, SCOPE Minar, Laxmi Nagar,  
Delhi - 110092

**Sub: Development drilling of 4 wells in Borholla ML Block, District Jorhat and development drilling of 8 wells in Nambar ML area, East Lakhibari ML area, Khoraghat ML and Khoraghat extension ML area in District Golaghat (Assam) by M/s ONGC Ltd - Extension of validity of ToR - reg.**

Sir,

This refers to your online proposal No. IA/AS/IND/69965/2014 dated 28<sup>th</sup> September, 2017 for extension of validity of the terms of reference granted by the Ministry vide letter dated 18<sup>th</sup> December, 2014 for the above project.

2. The Ministry has granted ToR vide letter dated 18<sup>th</sup> December, 2014 to the project 'Development drilling of 4 wells in Borholla ML Block, District Jorhat and development drilling of 8 wells in Nambar ML area, East Lakhibari ML area, Khoraghat ML and Khoraghat extension ML area in District Golaghat (Assam) by M/s Oil and Natural Gas Corporation Ltd.
3. The proposal was considered by the Expert Appraisal Committee (Industry-2) in the Ministry in its 32<sup>nd</sup> meeting held on 20-22 December, 2017. The Committee has recommended for extension of validity of the ToR for a period of one year i.e. up to 18<sup>th</sup> December, 2018.
4. Based on recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords approval to the extension of validity of ToR dated 18<sup>th</sup> December, 2014 for the above project for a period of one year i.e. up to 18<sup>th</sup> December, 2018.
5. All other terms and conditions stipulated in the ToR dated 18<sup>th</sup> December, 2014 shall remain unchanged.

  
(S. K. Srivastava)  
Scientist E

**Copy to: -**

1. The Chief Conservator of Forests (North Eastern Zone), Ministry of Environment, Forest and Climate Change, Regional Office, Law-U- Sib, Lumbatngen, Near MTC Workshop, **Shillong** - 793021 (Meghalaya)
2. The Member Secretary, Pollution Control Board Assam, Bamunimaidam, **Guwahati** - 21 (Assam)
3. Guard File/Monitoring File/Record File