

PATRATU VIDYUT UTPADAN NIGAM LIMITED

(A subsidiary of NTPC Limited in Joint Venture with Jharkhand Bijli Vitran Nigam Limited)

Ref. No.: PVUNL/FEB/2016/TS/ENV/01

Date: 15.02.2016

Director - IA (Thermal),
Ministry of Environment & Forests & Climate Change,
India Paryavaran Bhawan,
Jor Bagh, Aliganj,
NEW DELHI-110 003.

Sub: Request for reconsideration for accord of Terms of Reference (TOR) for carrying out EIA Study for the proposed Patratu Super Thermal Power Project Phase-I (3x800 MW) located in Tehsil Patratu, Ramgarh Dist. of Jharkhand.

Dear Sir,

This has reference to our letter no. PVUNL/OCT/2015/TS/ENV/01 dated 20.10.2015 and online submission of application on 23.10.2015 regarding approval of Draft Terms of Reference (TOR) for carrying out EIA Study of proposed Patratu Super Thermal Power Project Phase-I (3x800 MW), located in Tehsil Patratu, Ramgarh Dist. of Jharkhand.

The above proposal for approval of TOR was deferred in EAC meeting held on 29.10.2015 and EAC sought certain information/documents regarding transfer of assets to PVUNL, dismantling plan of existing units and withdrawal of TOR by M/s Patratu Energy Ltd. (PEL).

The desired information by EAC are as follows:

1. Cancellation Request of TOR for 2x660 MW by M/s Patratu Energy Ltd.

M/s Patratu Energy Ltd. (a wholly owned company of Jharkhand Urja Utpadan Nigam Limited), has requested vide letter dated 16.12.2015 to MOEF, for cancellation of an earlier TOR for 2x660 MW capacity as accorded to PEL by MOEF vide letter No. J-13012/45/2012-IA.II(T) dtd. 09.05.2013. Further, Jharkhand Urja Utpadan Nigam Limited (JUUNL) vide their letter dated 05.02.2016 has requested MOEF to expedite the cancellation of PEL's said TOR and accord of fresh TOR to PVUNL (copies of the said letters of PEL and JUUNL are enclosed herewith for ready reference).

2. The Status of Asset transfer is enclosed as Annexure-I.

3. The Dismantling Plan of existing units of Patratu Thermal Power Station (PTPS) is enclosed as Annexure-II.

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4. The location of earlier project 2x660 MW of PEL and present proposal for 3x800 MW by PVUNL are enclosed as Annexure-III.

In view of above, it is requested that accord of TOR for EIA Study for establishing Patratu Super Thermal Power Project Phase-I (3x800 MW) may kindly be reconsidered in the forthcoming EAC meeting of February 2016.

Thanking you,

Yours faithfully,
For & on behalf of PVUNL,


15/02/16

(Tarun Kumar Konar)
Addl. General Manager (TS), PVUNL

Encl.: As above.

ANNEXURE- I

Status of Assets Transfer from JUUNL (a company of Govt. of Jharkhand) to PVUNL (A JV Company of NTPC Limited and JBVUNL)

Phase-I (3x800 MW): 1234 acres approx. and Phase –II (2x800MW): 625 acres approx.

The process for transfer of specified land for Phase-I expansion is in progress. Land is located at four sites. Status at each site is as follows:-

(1) Land for Main Plant Area

Land required for main plant area is 653.667 acres approx. This includes 200 acres of land over which the existing PTPS Plant is situated.

- Existing plant area is being handed over to PVUNL on lease hold basis for 5 years by Govt. of Jharkhand (GoJ).
- State cabinet has approved 200 acres existing plant area to be given to PVUNL on leasehold basis on 11.02.2016 and lease agreement will be signed before the asset transfer date.
- Demarcation & Pegging of 653.667 acres have been completed.
- All land details and mutation papers has been arranged by Jharkhand Urja Utpadan Nigam Ltd. (JUUNL).
- GOJ Energy dept. will put up these 453.667 acres of land in next cabinet meeting for approval for transferring from JUUNL to GOJ by 20th Feb.2016.
- GOJ will transfer the same to PVUNL on asset transfer date by 29th Feb.2016.

(2) Land for Ash Dyke-II :

The land available for Ash Dyke-II is 383.06 acres approx.

- Demarcation & Pegging at site completed.
- All land details and mutation papers has been arranged by Jharkhand Urja Utpadan Nigam Ltd. (JUUNL).
- GOJ Energy dept. will put up this 383.06 acres of land in next cabinet meeting for approval for transferring from JUUNL to GOJ by 20th Feb.2016.
- GOJ will transfer the same to PVUNL on asset transfer date by 29th Feb.2016.

(3) Land for Ash Dyke-I

Land available for Ash Dyke-I is 353 acres approx.

- Survey and demarcation of 353 acres of encumbrance free land has been completed.
- All land details and mutation papers are being arranged by Jharkhand Urja Utpadan Nigam Ltd. (JUUNL).
- GOJ Energy dept. will put up these 353 acres of land in next cabinet meeting for approval for transferring from JUUNL to GOJ by 20th Feb.2016.
- GOJ will transfer the same to PVUNL on asset transfer date by 29th Feb.2016.

(4) Land for Railway Track:

The land available for railway track is approx. 44.22 acres.

- Pegging work will be done shortly.
- All land details and mutation papers is being arranged by Jharkhand Urja Utpadan Nigam Ltd. (JUUNL).
- GOJ Energy dept. will put up these 44.22 acres of land in next cabinet meeting for approval for transferring from JUUNL to GOJ by 20th Feb.2016.
- GOJ will transfer the same to PVUNL on asset transfer date by 29th Feb.2016.

Annexure-II

Dismantling Plan of Existing units of Patratu Thermal Power Station (PTPS)

Existing Patratu Thermal Power Station (PTPS) of erstwhile SEB has six Russian units of 36 to 42 years old and four BHEL manufactured units of 26–31 years old. The installed & derated capacity is given as below.

Installed: 840 MW (4x50 + 2x100 + 2x110 + 2x110)

Derated: 770 MW (4x40 + 2x90 + 2x105 + 2x110)

A JV agreement was signed on 29.07.2015 amongst Govt. of Jharkhand (GoJ), Jharkhand Urja Vikash Nigam Limited (JUVNL), Jharkhand Urja Utpadan Nigam Limited (JUUNL), Jharkhand Bijli Vitaran Nigam Limited (JBVNL) and NTPC Limited to form a Joint Venture Company of NTPC Limited & JBVNL, for transfer of Patratu Thermal Power Station (PTPS) located in Ramgarh District of Jharkhand State to the Patratu Vidyut Utpadan Nigam Limited, (JV Company) for Performance Improvement of existing capacity & 4000 MW Capacity (Ph-1 : 3x800 MW + Ph-II : 2x800 MW) expansion of Patratu Thermal power station (PTPS), District Ramgarh, Jharkhand.

JBVNL is state owned company of Govt. of Jharkhand and NTPC is a leading power sector company of India. The joint venture company namely Patratu Vidyut Utpadan Nigam Limited (PVUNL) was incorporated on 15.10.2015 with NTPC share 74% and JBVNL share 26%.

As per said JV agreement, in order to meet the immediate power requirements of the State of Jharkhand, JVC shall maintain current combined level of generation of 115-120 MW from Unit Numbers 4, 6 and 10 until revival of Unit Numbers 7 and 9 in accordance with the Agreement, after which Unit Numbers 4 and 6 shall be phased out.

- (i) At present only Unit no.-10 is running with an average load of 75-80MW. PVUNL will bring back Unit No.-9 after R&M and will consider operating Unit No.-7 after techno-commercial feasibility.
- (ii) Unit nos. 4 & 6 will be run subject to techno-commercial feasibility.
- (iii) Unit nos. 1,2,3,5 and 8 of the existing PTPS are in the process of being phased out as per CEA recommendations.
- (v) Current Proposal is for installation of Phase –I (3x800 MW) by JV Company (Patratu Vidyut Utpadan Nigam Limited)
- (vi) Phase-II (2x800 MW) is envisaged after Commercial operation of first unit of Phase-I and will be constructed at the existing PTPS plant area by dismantling the old units.

Annexure-III

Location of Earlier Project 2x660 MW of Patratu Energy Limited and present proposal for 3x800 MW by Patratu Vidyut Utpadan Nigam Limited.

(A) Location of earlier project 2x660 MW of Patratu Energy Limited (PEL)

Location	Latitude	Longitude
Top left side	23°38'26" N	85°16'19.5" E
Top right side	23°38'38" N	85°16'56" E
Bottom left side	23°37'17" N	85°16'8" E
Bottom right side	23°38'4" N	85°17'33" E

(B) Location of the present proposal for Patratu Super Thermal Power Project, Phase-I (3x800 MW) by Patratu Vidyut Utpadan Nigam Limited (PVUNL)

Main Plant:

Location	Latitude	Longitude
Top left side	23°38'25" N	85°16'51" E
Top right side	23°39'11" N	85°17'47" E
Bottom left side	23°37'53" N	85°17'12" E
Bottom right side	23°38'52" N	85°18'1" E

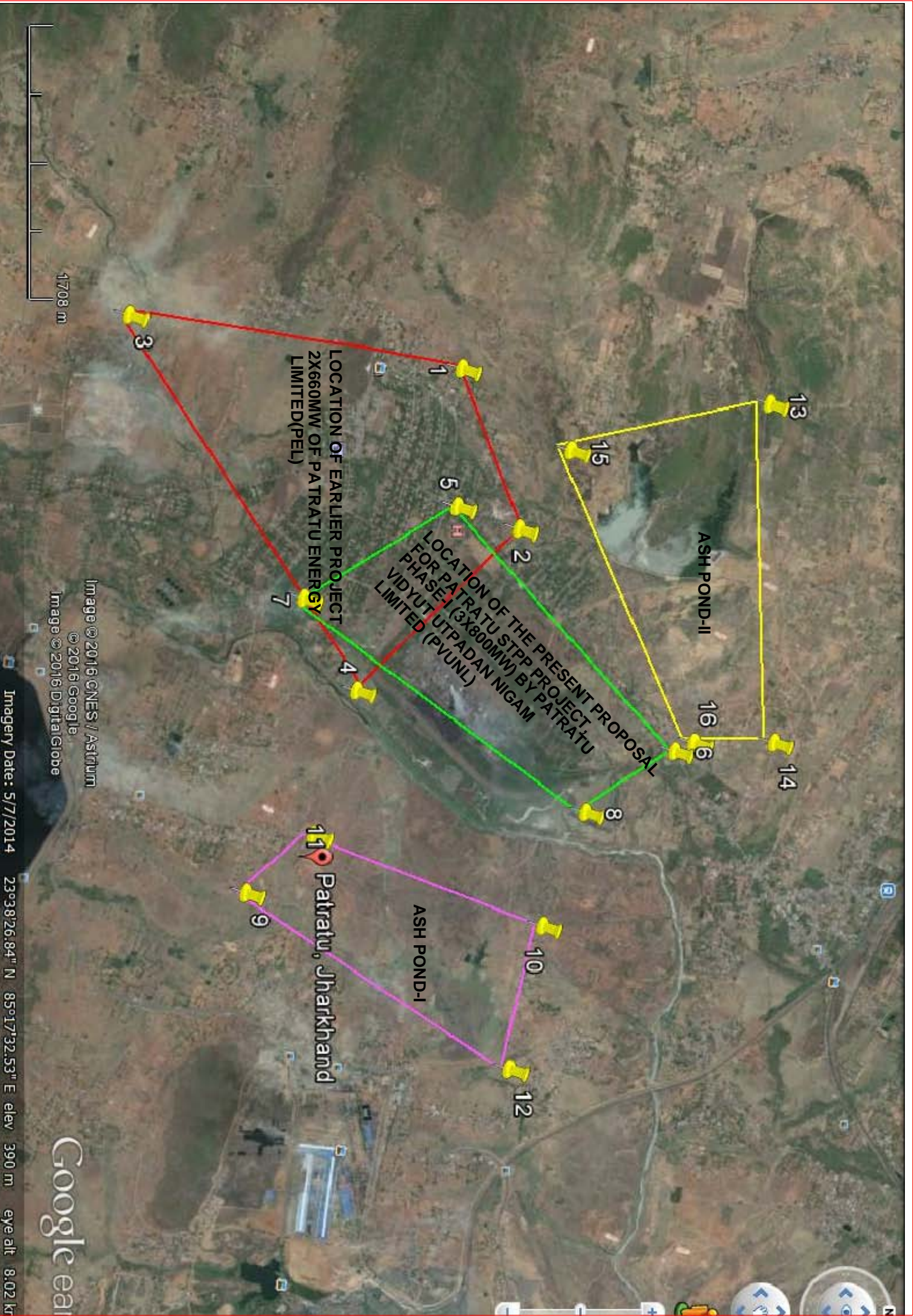
Ash Pond-I:

Location	Latitude	Longitude
Top left side	23°37'41" N	85°18'19" E
Top right side	23°38'43" N	85°18'27" E

Bottom left side	23°37'55" N	85°18'6" E
Bottom right side	23°38'36" N	85°19'0" E

Ash Pond-II:

Location	Latitude	Longitude
Top left side	23°39'31" N	85°16'27" E
Top right side	23°39'32" N	85°17'45" E
Bottom left side	23°38'49" N	85°16'38" E
Bottom right side	23°39'15" N	85°17'45" E



LOCATION OF EARLIER PROJECT
2X660MW OF PATRATU ENERGY
LIMITED(PEL)

LOCATION OF THE PRESENT PROPOSAL
FOR PATRATU STPP PROJECT
PHASE-1 (3X800MW) BY PATRATU
VIDYUT UTPADAN NIGAM
LIMITED (PVUNL)

ASH POND-II

ASH POND-I

Patratu, Jharkhand

1708 m

Image © 2016 CNES / Astrium
© 2016 Google
Image © 2016 DigitalGlobe

Imagery Date: 5/7/2014

23°38'26.84" N 85°17'32.53" E elev 390 m

eye alt 8.02 km

Google Earth



झारखण्ड ऊर्जा उत्पादन निगम लिमिटेड
JHARKHAND URJA UTPADAN NIGAM LIMITED

(CIN: U40108JH2013SGC001703)

Regd. Office: - Engineering Building, H.E.C, Dhurwa, Ranchi - 834004.

Telephone: - 0651-2400827 / 799 & Fax:- 0651-2446055

Letter No. _____

Date _____

From,

Rahul Kumar Purwar, I.A.S.
Managing Director, JUUNL.

To,

The Director (Sri B.B. Burman)
I.A. (Thermal),
Ministry of Environment, Forest & Climate Change,
Govt. of India
Paryavaran Bhawan, CGO Complex,
Lodhi Road, New Delhi – 110003.

Sub : Issuance of ToR for Phase – I expansion (3 x 800 MW) of PTPS, Patratu.

Dear Sir,

We wish to inform you that initially Government of Jharkhand had planned to set up 2 x 660 MW thermal power plant at Patratu in order to replace the retiring units of PTPS. Accordingly, MoEF was approached and ToR was issued for the same. The proposed expansion was planned to be implemented by Patratu Energy Limited (PEL), the SPV of JUUNL.

Govt. of Jharkhand has now reviewed the implementation plan of the expansion scheme and subsequently given the responsibility of setting up 5 x 800 MW units in two phases through a Joint Venture Company between NTPC Ltd. (74%) and JBVNL (a power distribution utility of GoJ) (26%) at PTPS after gradually phasing out the retired and underperforming units. The JV Company between NTPC and JBVNL has already been incorporated for the purpose under the name and style of 'Patratu Vityut Utpadan Nigam Limited' (PVUNL). (Copy of JV incorporation enclosed as **Annexure-I**). The JV Company has been mandated to immediately take up the implementation of 3 x 800 MW Power Plant in Phase – I.

In view of above decision, request letter dated 16.12.2015 has already been sent by PEL to MoEF & CC for cancellation of ToR issued earlier, which is now understood to be under consideration by MoEF & CC. (Copy of request letter enclosed as **Annexure-II**)

Both GoJ and NTPC are taking enabling actions on fast track mode to complete the transfer of assets to PVUNL. In order to kick start the project implementation process by PVUNL also on a fast track mode, it is requested that MoEF & CC may arrange for an early issue of ToR to the JV Company so that the company can go ahead with EIA studies as per ToR and be able to utilize the interim time available. Therefore, PVUNL has been advised to approach MoEF & CC for approval of ToR.

The development of project is getting attention at the top most levels of GoJ and the project will go a long way in mitigating the power needs of State and give impetus to the enhanced economic activities in the State of Jharkhand.

It is needless to mention that the above consideration by MoEF & CC shall facilitate early completion of the proposed expansion.

Thanking You.

Encl.- As above.

Yours faithfully,

Sd./-

(Rahul Kumar Purwar)
Managing Director



GOVERNMENT OF INDIA
MINISTRY OF CORPORATE AFFAIRS

Registrar of Companies, Delhi
4th Floor , IFCI Tower , 61 , Nehru Place

Certificate of Incorporation

[Pursuant to sub-section (2) of section 7 of the Companies Act, 2013 and rule 8 of the Companies (Incorporation) Rules, 2014]

I hereby certify that Patratu Vidyut Utpadan Nigam Limited is incorporated on this Fifteenth day of October Two Thousand Fifteen under the Companies Act, 2013 and that the company is limited by shares.

The CIN of the company is U40300DL2015GOI286533.

Given under my hand at Delhi this Fifteenth day of October Two Thousand Fifteen.

Validity unknown
Digitally signed by
Debasish Bandopadhyay
DN: cn=Debasish Bandopadhyay, o=Registrar of Companies, ou=Delhi, email=debasish@roc.delhi.nic.in

DEBASISH BANDOPADYAY
Registrar of Companies
Delhi

Mailing Address as per record available in Registrar of Companies office:

Patratu Vidyut Utpadan Nigam Limited
NTPC, Bhawan, Core 7, Scope Complex, 7, Institutional Area, Lodi Road,
New Delhi - 110003,
Delhi, INDIA



PATRATU ENERGY LIMITED

(CIN: U40106JH2012PLC000765)

(A wholly owned company of Jharkhand Urja Utpadan Nigam Limited)

Regd. Office: - JUVNL (HQ) Campus, Engineering Building, H.E.C., Dhurwa, Ranchi - 834004.
Telephone: - 0651-2400453 & Fax: 0651-2446055

Letter no. _____

Dated _____

To,
The Director (Shri B.B. Barman)
IA (Thermal)
Ministry of Environment and Forests,
Government of India,
Paryavaran Bhawan, C.G.O. Complex,
Lodi Road, New Delhi - 110003

Sub: Regarding request to cancel the ToR issued in the name of M/s Patratu Energy Limited for preparation of EIA / EMP report in respect of 2X660 MW Coal Based Thermal Power Project at village Patratu in Ramgarh Distt., in Jharkhand.

Ref: Letter I-13012/45/2012 - IA, II (T) dated 09.05.2013.

Sir,

M/s Patratu Energy Limited was issued ToR for preparation of EIA / EMP report in respect of 2X660 MW Coal Based Thermal Power Project at village Patratu in Ramgarh Distt., in Jharkhand vide the above referred letter. Subsequently the Government of Jharkhand through its Distribution Licensee M/s Jharkhand Bijli Vitran Nigam Limited has formed a Joint Venture Company with M/s NTPC namely M/s Patratu Vidyut Utpadan Nigam Limited (PVUNL) for performance improvement of existing capacity and 4000 MW capacity expansion of Patratu Thermal Power Station at Patratu in Ramgarh Distt. As such, the project of 2 x 660 MW for which M/s Patratu Energy Limited was issued the ToR is no longer relevant since the Govt. of Jharkhand (JBVNL) & NTPC through the Joint Venture Company i.e. PVUNL will be setting up 4000 MW (800 x 3 i.e. 2400 MW Phase I and 800 x 2 i.e. 1600 MW Phase II) expansion plant at Patratu, District Ramgarh, Jharkhand. Accordingly, the Board of Directors of the Company has resolved to request the MoEF to cancel the ToR issued to M/s Patratu Energy Limited for the said 2 x 600 MW Thermal Power Project. Copy of resolution is enclosed as **Annexure-A**.

Therefore it is requested that the Terms of Reference (ToR) issued in the name of M/s PEL may kindly be cancelled at the earliest to enable issuance of ToR to the JV Company.

Yours faithfully

Sd/-
(Anil Kumar)
Director

Memo No.: _____

Copy Forwarded for kind information to T.S. to CMD, JUVNL/T.S. to MD, JUUNL/T.S. to Director (O&M), JUUNL/F.C.-I, JUUNL.

Date: _____

Sd/-

Memo No.: 197

Copy Forwarded for kind information to P.S. to Principle Secretary, Energy, GoJ.

Date: 16.12.15

16.12.15
(Anil Kumar)
Director