

## ANNEXURE 12A.

BY FAX /SPEED POST

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भारत सरकार/ Government of India  
 विद्युत मंत्रालय/Ministry of Power  
 केंद्रीय विद्युत प्राधिकरण/Central Electricity Authority  
 (पी ए सी दिवे शाखा/ PAC Directorate)  
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 वेबसाइट /Website : www.cea.nic.in



No.2/ARP/38/CEA/2011-PAC/ 5858-579

Dated 17<sup>th</sup> September, 2012

M/s. Sew Rho Power Corpn. Limited,  
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 Hyderabad - 500 016.  
 (Fax No.040- 6630 0001, 040 23405016)

**Subject : Power potential Studies of Rho H.E Project in Arunachal Pradesh by M/s  
 Sew Rho Power Corporation Pvt. Ltd. (M/s SRPCPL)**

Reference: Your letter No. SEL/RHEP/T/2012/82 dated 16.5.2012.

Sir,

Please refer to your letter cited above vide which revised power potential chapter of Rho HE project after incorporating various levels allotted by State Govt. was submitted. The installed capacity was proposed as 96 MW.

Power Potential chapter has been examined and it is seen that the same has been framed on the basis of approved hydrology from CWC( 1992-1993 to 2007-2008) , FRL of 2240 m, MDDL 2232 m and Min TWL as 2129 m, etc.. On the basis of the chapter submitted, Installed Capacity of 93 MW is proposed and the same may tentatively be adopted for framing the DPR. However, the installed capacity may need to be reviewed at detailed appraisal of DPR on account of following:

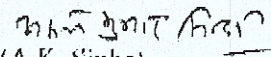
- i) Reservoir operational restrictions on account of silt management
- ii) Change in various operating levels (FRL, MDDL, TWL) etc. if any
- iii) Change in Water Conductor System Losses
- iv) Change in value of aquatic releases , if any
- v) 16 years hydrology ( 1992-1993 to 2007-2008 ) approved by CWC. has been adopted for preliminary planning of the project. However, project authorities should improve the rain gauge network and may continue G&D observations at proposed site so that future review of



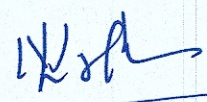
- hydrological studies could be carried out based on good quality project specific representative rainfall and runoff data
- vi) Change in Live Storage of the project. Developer shall explore the possibility of increasing the live storage in order to enhance the peaking hours
- vii) Any other aspect which gets derived during detailed appraisal of the DPR

As per Power Potential chapter, 3 nos. generating units of 32 MW each has been proposed. It may be pointed out that the no. and size of units may be optimally selected keeping in view the operational flexibility and transportation limitations at DPR stage.

Yours faithfully,

  
(A.K. Sinha)  
Director (PAC)



  
Jayaprakash N.,  
Business Associate