



KERALA STATE ELECTRICITY BOARD Ltd

(Incorporated under the Companies Act, 1956)

Registered Office: Vidyuthi Bhavanam, Pattom,

Thiruvananthapuram – 695 004

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ABSTRACT

Idamalayar HEP - Proposal for conducting RLA studies of the 2x37.5MW Generators - Sanction accorded - Orders issued.

Corporate Office (SBU-G/E)

BO (FTD)No.357/2022(DGE/G3/Idamalayar RLA study)

Thiruvananthapuram,Dated: 26.04.2022

Read: 1. Letter No.CEG/General/Idamalayar RLA/2021-22/2203 dated 29.03.2022 of the Chief Engineer (Generation), Moolamattom and the enclosed estimate.
2.Note No. DGE/G3/Idamalayar RLA study/89 dated18.04.2022 of the Director (Gen.-Ele.) (Agenda item No.67/4/22).

ORDER

The 2x37.5MW Idamalayar HEP is one of the major generating station under KSEBL, commissioned in 1987 with a targeted generation of 380MU per annum and situated in a remote location surrounded by forest area. As the the power plant has completed 34 years of service and the normal life expectancy of an HEP is 35 years, Renovation of the plant is necessitated. More over, the technological environment, Control system,software etc.are changing at a faster pace and became outdated in about 10 to 15 years time line and the essential spare for the O&M of the station become obsolete. So, the life extension plan programme after conducting RLA studies is a method normally being adopted in HEPs after the normative life span of 30-35 years and the scope of work for life extension has to be firmed up based on RLA studies.

Considering the above, the Chief Engineer(Generation) has forwarded an estimate amounting to ₹88Lakh (Rupees Eighty Eight Lakh only) for conducting the RLA studies of the 2x37.5MW Idamalayar HEP and requested sanction for the same. The estimate was prepared based on the offer collected from M/s CPRI, Bengaluru which covers RLA studies of Hydro-Mechanical equipment of the station including Penstock, condition monitoring /diagnostic tests of Generator windings,Generator Transformers, Circuit Breakers etc. Provision has been given in the estimate for online partial discharge test on generator Transformer by Acoustic Emission Technique and for the measurement of station earth resistance, transportation, insurance, travel expenses etc. The matter was placed before the Full Time Directors as per note read as 2nd above.

Having considered the matter in detail, the Full Time Directors meeting held on 21.04.2022 resolved to accord sanction to an estimate amounting to ₹88Lakh (Rupees Eighty Eight Lakh only) for conducting RLA studies at Idamalayar HEP.

Further resolved to authorize the Chief Engineer (Generation) to proceed with the same on open tender basis.

Orders are issued accordingly.

By Order of the
Full Time Directors


LEKHA G

Company Secretary

To:

Copy to: The Financial Adviser/The Chief Internal Auditor/Company Secretary
The Deputy Chief Engineer, Generation Circle, Kothamangalam
The TA to CMD/D(GE)/ D(T&SO)/ D(D&IT)/D(GC)/D(PS& SCM)/D(RSS&W)
The PA to D(F)
Library/Stock File

Forwarded / By Order



Assistant Executive Engineer