



# KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956) CIN: U40100KL2011SGC027424

Registered Office: Vidyuthi Bhavanam, Pattom, Thiruvananthapuram-695004 Website: [www.kseb.in](http://www.kseb.in)

Phone: (O) +91 471 2514283 E-mail: [dgekseb@kseb.in](mailto:dgekseb@kseb.in)



## Abstract

Renovation of Sengulam Pump House at Pallivasal – Contract with M/s. SSIPL-FML Consortium - Extension of period of completion of contract up to 31-03-2020 - Sanctioned - Orders issued.

### Corporate Office (SBU-G/E)

B.O. (FTD)No.659 /2019 (D(GE)/G2/ Ren-Seng /2019-20) Thiruvananthapuram. Dated: 02 - 09 - 2019

- Read:-
1. B.O (DB) No. 1149/2016(D(GE)/G2/Ren-Seng/2016-17) dated 15-04-2016.
  2. B.O (CMD) No. 1150/2016(D(GE)/G2/Ren-Seng/2016-17) dated 15-04-2016.
  3. B.O (FTD)No. 750/2018 (D(GE)/G2/ Ren-Seng/2017-18) dated 21-03-2018.
  4. B.O. (FTD)No. 1790 /2018 (D(GE)/G2/ Ren-Seng/2018-19) dated 19-09-2018.
  5. B.O. (FTD)No. 82 /2019 (D(GE)/G2/ Ren-Seng/2018-19) dated 30-01-2019.
  6. Letter No. 197/AE6/2013/CE(PED)/441 dated 06-08-2019 of the Chief Engineer (Generation & PED).
  7. Note No. D(GE)/G2/Ren-Seng /2019-20 dated 24-08-2019 of the Director (CP,GE,SCM&S) to the Full Time Directors (Agenda No.81/8/19).

### ORDER

The contract for the renovation works of Sengulam Pump House was awarded to M/s. SSIPL-FML Consortium at an amount of Rs. 20,38,98,642/- (Supply Order - Rs. 14,39,72,409/- Work Order for E&M equipment & Penstock - Rs. 99,10,496/- and Work Order for Civil works of Pump house building & Penstock -Rs. 5,00,15,737/-). The scope of the work includes construction of a new pump house, supply and erection of Pumps (3 Nos.) and associated penstock works. The agreement was executed by the Chief Engineer (Projects - Electrical Designs) on 15-06-2016 and the period of completion of contract was 20 months which expired on 27-01-2018. Consequent to the introduction of GST, amendment was issued to the schedule of prices for supply and works of E&M equipment and penstock incorporating GST and thus total contract amount comes to Rs. 22,66,41,505.23.

The work could not be completed during the original execution period and considering the geological variations found in the work site and prolonged and unexpected rain, the period of contract was initially extended up to 31-08-2018 vide B.O read as 3<sup>rd</sup> above. But the work was delayed due to special climatic conditions in the site, landslides, unexpected repeated natural calamities at the site, non availability of hard strata in the foundation area and consequent delay in finalization of design and drawings etc. and the period of contract was further extended up to 31-07-2019 vide B.O read as 4<sup>th</sup> above, without imposing any liquidated damages on the contractor. Moreover, additional works were necessitated due to design constraints, repeated landslides, natural calamity etc., which was sanctioned as per B.O. read as 5<sup>th</sup> above.

The Chief Engineer (Generation & PED) as per letter read as 6<sup>th</sup> above, has reported that M/s. SSIPL-FML consortium requested for a further extension of period of completion of contract up to 30-04-2020, on account of increased excavation in the fore bay area due to loose nature of soil and sliding of side slopes, non-availability of sufficient quantity of stone aggregates for civil works and ban on quarries by the State Government after unprecedented floods in 2018 etc. The submission and approval of drawings was also delayed due to the Geological conditions. The contractor also submitted that Pump House is located in a land filled area and hence contains unconsolidated earth which is causing the earth sliding multiple times. Due to the site conditions and adverse weather conditions, quantities of work have increased and the value of Civil works has gone up much higher than the sanctioned amount. The contractor further intimated that the

ensuing 3 months may witness heavy rainfall in the Sengulam Pump house construction site. Also additional measures are required to protect the slopes of the area around the Pump House to prevent damages to the structure in future, which is extra work, which may cause further delay in completion of work by a period of 3 to 4 months.

The Chief Engineer (Generation & PED) reported that the contractor's reasoning in the request for extension of time of completion is justifiable because the quantity given in the agreement was increased considerably due to non-availability of rock or hard strata at the estimated depth and extra excavation had to be done to obtain hard strata. Due to this excess excavation, the design also had to be changed and the concrete quantities were increased accordingly, especially in the intake area. Moreover, since this work is being executed in an area where the elevation is about 8 m below the fore bay water level of existing Pump House, even during light rains, the excavated area gets filled with water and mud which had to be removed every time before continuing the work. This also affected the progress of the work. It is also reported that the schedule submitted by the Contractor can be further compressed by one month ie; up to 31-03-2020.

Considering all above, the Chief Engineer (Generation & PED) reported that the request of the contractor for extension of period of completion is genuine and recommended to extend the period of completion of contract up to 31-03-2020 without any financial commitment to either party.

Having considered the matter in detail vide Note read as 7<sup>th</sup> above, the Full Time Directors in the meeting held on 30-08-2019, resolved to accord sanction to extend the period of completion of contract for renovation works of Sengulam Pump House awarded to M/s. SSIPL-FML Consortium up to 31-03-2020, without imposing any liquidated damages on the contractor and without any additional financial commitment to KSEBL.

Orders are issued accordingly.

By Order of the Full Time Directors,

Sd/-

Lekha G.

Company Secretary (In charge)

To

1. The Chief Engineer (Generation & PED), Moolamattom.
2. The Deputy Chief Engineer (Projects-Electrical Designs).

Copy to:

The Financial Adviser/The Chief Internal Auditor/The Company Secretary.  
The Deputy Chief Engineer (IT)/ The RCAO/The RAO.  
The TA to Chairman & MD/ Director (GE&SCM)/ Director(GC)/ Director  
(Trans., SO&S)/ Director (D.I&HRM).  
The PA to Director (Finance).

Forwarded / By Order

*Sunil Kumar*  
Asst. Exe. Engineer

DESPAT  
No. 172  
Date 05.09.19