



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

Registered Office : Vidyuthi Bhavanam, Pattom, Thiruvananthapuram -695004

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Abstract

Pazhassi Sagar SHEP (7.5MW)-Rock Excavation Works-Availing Consultancy service of M/s NIRM for suggesting suitable blast designs for remaining excavation and monitoring of ground vibration during blasting- - Sanctioned - Orders issued

CORPORATE OFFICE (SBU-G/C)

B.O(FTD) No 475 /2020 (DGC/AEE VI/PSR /2014) Thiruvananthapuram, Dated 14.07.2020

- Read
1. Agreement No.CECCN/04/2017-18 dated 26.10.2017 executed with M/s R.S.Development and Construction Pvt.Ltd.
 2. B.O (FTD) No.749/2018(DGC/AEE VI/PSR/2014) Thiruvananthapuram, dtd. 19.03.2018
 - 3.Letter No.CECCN/DB-07/PSGR-WORKS/2017-18/ 295dated 24.06.2020 of the Chief Engineer (Civil Construction) North enclosing the project proposal of M/s. NIRM, Bangalore
 4. Project Proposal May 2020 of M/s NIRM.
 5. Note No.DGC/AEEVI/PSR /2014 dated 03.07.2020 of the Director (Generation- Civil) (Agenda 24 / 7/20)

ORDER

Pazhassi Sagar SHE Project (3x2.50MW) envisages generating 25.16 Mu of energy annually by utilizing the surplus water of the existing Pazhassi barrage of the Irrigation department. The civil works for the implementation of Pazhassi Sagar SHEP was awarded to M/s. R.S. Development & Constructions India (P) Ltd, Erode as per agreement read as 1st above and the work is progressing at site.

For the execution of the project, rock excavation has to be carried out very near to the Pazhassi barrage of Irrigation Department. So controlled and protected blasting techniques should be adopted for avoiding any damage to the barrage and connected structures. It was also proposed in the DPR of the project, to avail consultancy service of M/s. NIRM, for excavation in hard rock by protected and controlled blasting techniques. Accordingly, the technical consultancy service was awarded to M/s NIRM as per B.O read as 2nd above for an amount of Rs 19,48,446/- (Rupees Nineteen lakhs Forty Eight thousand Four hundred and Forty six only) including GST for a period of 8 months from the date of commencement of field work as per the proposal from NIRM.

The Chief Engineer (Civil Construction) North as per letter read as 3rd paper above reported that the field work was commenced in the middle of July 2018 and the original period of completion of consultancy service was expired by March 2019. The rock excavation could not be progressed as planned due to various hindrances like floods, ban imposed for rock blasting by the District Collector in 2018 & 2019 and also due to the stop memo from Revenue authorities on the complaint filed by the nearby dwellers due to vibration caused by tunnel blasting. Later on request, M/s. NIRM extended the period of consultancy up to 31.12.2019. But since the excavation work could not be completed by 31.12.2019, KSEBL requested them for further extension of six months for the consultancy work. But M/s NIRM in their reply informed that they are not in a position to further extend the duration of consultancy. They also informed that

technical guidance for controlled blasting for the remaining excavation work for Pazhassi Sagar SHEP can be taken up as a fresh project upon request from KSEBL.

Accordingly, the Chief Engineer have requested M/s NIRM to submit a proposal for taking up the technical consultancy service for the remaining blasting works for Pazhassi Sagar SHEP.

The project proposal of M/s NIRM received as per reference read as 4th above involves project duration for 8 months for field study and two months for the preparation of final report. The total financial commitment for undertaking the study is Rs 21,90,965/- (Rupees Twenty One lakh Ninety thousand Nine hundred Sixty Five only) including GST at 18% . They have requested to pay the full project cost in advance. Besides this KSEBL shall arrange travel from nearest railway station/ airport, vehicle for local transport and accommodation to their scientist.

It is reported that the technical consultancy of M/s NIRM is very much essential for the remaining rock excavation for the project, as the location is very close to the Pazhassi barrage and to avoid damage to the houses of the local residents during blasting operation.

The Chief Engineer (Civil Construction) North has requested sanction to award the work of "Technical guidance for controlled blasting and monitoring of blast vibration for excavation of pressure tunnels, intake tunnel and other associated excavations of Pazhassi Sagar SHEP, (Phase II)" to M/s NIRM, Bangalore, for evolving a safe blast technique at their offered amount of

Rs 21,90,965/- (Rupees Twenty One lakh Ninety thousand Nine hundred and Sixty five only) including GST, accepting the terms & conditions in the proposal submitted by M/s NIRM as per paper read as 4th above.

Having considered the matter in detail as per note read as 5th above, the Full Time Directors in the meeting held on 08.07.2020 resolved to accord sanction to award the work of "Technical guidance for controlled blasting and monitoring of blast vibration for excavation of pressure tunnels, intake tunnel and other associated excavations for Pazhassi Sagar SHEP, (Phase II)" to M/s NIRM, Bangalore, a Government of India undertaking, for evolving a safe blast technique for remaining excavation works at their offered amount of Rs 21,90,965/- (Rupees Twenty One lakh Ninety thousand Nine hundred and Sixty five only) including GST, accepting the scope of work and terms & conditions, including full advance payment mentioned in the proposal.

Further resolved to collect the detailed cost estimate from M/s NIRM before awarding the work.

The Chief Engineer (Civil Construction) North shall take further action in this regard.

Orders are issued accordingly.

By Order of the Full Time Directors

Sd/-

LEKHA.G

Company Secretary in Charge

To: The Chief Engineer (Civil Construction) North

Copy to: 1. The Financial Adviser/ The Chief Internal Auditor

2. The RAO/RAO

3. The Deputy Chief Engineer (IT)

4. TA to CMD/ TA to Dir(GC)/ Dir(D&IT&HRM)/Dir(GE&SCM)/ Dir(T,SO&SCM)/Dir(Plg &S)

5. PA to Dir (F)/ Secretary (Administration)

6. FC Supdt/ Librarian/Stock file / File

Forwarded / By Order


Assistant Executive Engineer