



Bihar State Power Transmission Company Ltd., Patna
A subsidiary company of Bihar State Power (Holding) Company Ltd., Patna
CIN – U40102BR2012SGC018889
[SAVE ENERGY FOR BENEFIT OF SELF AND NATION]
Head Office, Vidyut Bhawan, Bailey Road, Patna – 800021,

Letter No./Patna

Dated...../

(File no. SO Cell/SLDC/BERC related/11/2017 part-I)

From,

Chief Engineer (System Operation)

Bihar State Power Transmission Co. Ltd.

To,

The Secretary

Bihar Electricity Regulatory Commission

Sub: Additional information/classifications regarding Tariff Petition for Truing-up for FY 2018-19, Annual Performance Review for FY 2019-20 and Aggregate Revenue Requirement and SLDC operating charges for FY 2020-21 for SLDC.

Ref: (i) BERC letter no BERC Case No. – 33/2019-1359 dated 26.11.2019..

Sir,

With reference to the above, please find enclosed herewith details of following information/ clarifications:-

1. Status/Progress of Implementation of SAMAST is attached as **Annexure-I** and the schedule completion date and tentative date of capitalization is 05th June 2020.
2. Copy of contract appointing the agency for supply of software/hardware/equipment etc. and annual maintenance of SAMAST is enclosed as **Annexure II.**
3. As per SAMAST guidelines, funding for implementation of SAMAST in the state of Bihar was to be done with the help of PSDF grant. Accordingly, SLDC/BSPTCL proposed the fund for SAMAST from PSDF grant in SLDC Business Plan and Multiyear Tariff petition filed before Hon'ble BERC for FY 2019-20 to FY 2021-22.

Hon'ble BERC directed via order dated 09.04.2019 that,

“Implementation of SAMAST is in the interest of SLDC and many states have already launched it. It is upto the SLDC and BSPTCL to take a call on the arrangement of funds for timely implementation of the scheme. There is already a considerable delay in

implementation of SAMAST and any further delay in Bihar would not be in the interest of the State”.

Accordingly, BSPTCL and SLDC have decided to use Internal Resource Fund (IRF) as per direction of Hon’ble BERC order dated 09.04.2019 for Balance Work of SAMAST (Engagement of Consultant/Solution provider for implementation etc.) to avoid further delay and to ensure timely completion of SAMAST recommendations and the same was communicated to Hon’ble BERC vide letter no. 216 dated 10.06.2019.

4. Source of IRF for meeting the expenditure of SAMAST is IRF (Internal Resource Fund) of BSPTCL as mentioned in the above reply.
5. Hon’ble Commission have accorded approval in principle of submitted DPR vide order dated 05.01.2018. SLDC has now submitted the revised cost of SAMAST project through its petition for approval of Hon’ble Commission.
6. **The following table shows the actual employee expense for FY 2017-18 and FY 2018-19:-**

| Sl. No | Particulars | FY 2018-19 | |
|--------|---------------------------------------|------------|------------|
| | | FY 2017-18 | FY 2018-19 |
| 1 | Employee cost as per audited accounts | 3.39 | 4.06 |

The increase in employee expense is on account of

- I. Addition of employee.
 - II. 7th pay commission Arrear paid of amount 0.16 crore and its corresponding impact on salary of employee.
 - III. Annual increment of 3% of basis during the year.
7. SAMAST phase-I (Scheduling, Accounting, Open Access and Settlement Modules) was go-live in February, 2018. Though, the project was implemented by outside agency, additional manpower was required for smoothly handling the system for Scheduling, Accounting and Settlement Modules and to make it function. Accordingly, there was an increase in the employee cost for FY 2018-19. Further, as per the directives of the Hon’ble Commission, strengthening of SLDC is going on through

various activities, which affected the employee cost for FY 2018-19, as per Pradhan Committee report.

8. Presently, SAMAST phase-I is functional. In FY 2019-20 out of 12 modules in SAMAST project, modules like Accounting through ABT meter of Intra-state entities, Scheduling (for MTPS & BTPS), Open Access (only 03 nos. STOA) and Deviation Settlement (only for Railway) are functional. For further development and management, SLDC has proposed increase in the manpower to 54 Nos. as compared to 41 Nos. of employee during FY 2018-19. In FY 2020-21, 15-20 additional employees including IT wing will be required for handling of SAMAST work. Accordingly, SLDC has proposed increase in manpower to 68 Nos. as compared to 54 Nos. of employee during FY 2019-20.

Existing number of employees as are follows:-

| Sl. No | Designation | Nos. of employee |
|--------|----------------|------------------|
| 1 | Chief Engineer | 1 |
| 2 | ESE | 3 |
| 3 | EEE | 10 |
| 4 | A.Ex.E | 27 |
| | Total | 41 |

SLDC has already proposed to HR & Admin. Department for posting/deputing of additional requirement of manpower in order to carry out the works of SLDC.

9. Due to typographical error the values of the Format and the values of the Table 4.11 does not match. The Hon'ble Commission is requested to kindly consider the values in the petition, Working capital of 0.18 Crore and Depreciation of Rs. 2.97 Crore. The corrected format is being submitted herewith as Annexure-III.

10. FY 2020-21

- a. Due to typographical error the values for Employee Cost in Table 4.11 and Table 4.2 does not match. Table 4.11 is reproduced below. The Hon'ble Commission is requested to allow the resubmission of Table 4.11.

- b. Due to typographical error the values for A&G Expenses in Table 4.11 and Table 4.5 does not match. Table 4.11 is reproduced below. The Hon'ble Commission is requested to allow the resubmission of Table 4.11

Table 4-11: ARR for FY 2020-21 (Rs. Crore)

| Sl. No. | Particulars | FY 2020-21 | |
|----------|-----------------------------|-----------------------|----------------|
| | | Approved in MYT Order | Claimed in ARR |
| 1 | O&M cost | 4.99 | 5.11 |
| a | Employee cost | 3.79 | 4.41 |
| b | R&M expenses | 0.67 | 0.08 |
| c | A&G expenses | 0.53 | 0.62 |
| 2 | Depreciation | 0.01 | 2.97 |
| 3 | Interest on Loan Capital | 0.02 | 0.19 |
| 4 | Interest on Working Capital | 0.13 | 0.18 |
| 5 | Return on Equity | 0.01 | 0.49 |
| 6 | Less: Non-Tariff Income | 0.13 | 0.002 |
| 7 | Total ARR | 5.03 | 8.94 |

The Petitioner requests the Hon'ble Commission to approve the ARR for FY 2020-21 as Rs. 8.94 Crore

This is for kind information and further needful.

Encl:-As above.

Yours faithfully,

(A K Chaudhary)
Chief Engineer (System Operation)

Annexure-I

| S.N. | Activity | Status | Remarks |
|-------------|---|---------------------|--|
| 1 | Commencement of Load Forecasting | Completed | PMC (Power Management Cell) department of BSPHCL has awarded the work for carrying out daily load forecasting |
| 2 | Commencement of Scheduling by SLDC for all the Intra State Entities | Under Process | Scheduling software deployed. Master data for all intra-state entities are being collected/ configured in system. Web-based Scheduling for MTPS stage-I & BTPS have been started from October, 2019. |
| 3 | Formation of a State Power Committee for preparation of Account | Completed | |
| 4 | Adequacy of HR in SLDC as approved by SERC | Partially Completed | Partially deployed |
| 5 | Implementation of the recommended IT infrastructure- Hardware | In progress | Portion of hardware infrastructure is deployed in phase-I. Award for additional/ Balance hardware for meeting SAMAST requirements is already placed and same is under implementation. It will be completed by end of Jan,2020. |
| 6 | Completion of boundary metering and AMR system (as per DPR) | In progress | It will be completed by end of Jan,2020. Integration of data of meter from Secure server to PwC server is under progress. |
| 7 | Implementation of the recommended IT applications- Software | In progress | Initial work has been completed by M/s PwC. Development of Software Solution is under progress. It will be completed by end of March'20. |
| 8 | User Registration | In progress | It will be completed by end of Jan'20. |
| 9 | Computation of transmission losses for each 15-min by SLDC | In progress | Software is being updated to capture meter data and calculate loss at 15 min interval. AMR integration for fetching T-D meter data is almost done. To be completed by end of Jan,2020. |
| 10 | Monthly State Energy Account (SEA) | In progress | SLDC to start preparing Monthly State Energy Accounting from Jan,20 |
| 11 | SLDC Website | In progress | Initial design of website is finalised. To go live by end of January'20 onwards |