West Bengal State Electricity Transmission Company Ltd.

(A West Bengal Government Enterprise)
CIN : U40101WB2007SGC113474

Office of the Chief Engineer
Central Planning Department

FAX : 0332359-1955
Telephones :033 2359-2652, 033 2319-7359
E-Mail : **cpd@wbsetcl.in**; **cpd.wbsetcl@gmail.com**

VidyutBhavan (9th Floor)
Block - DJ, Sector - II
Bidhannagar, Kolkata - 700 091

Ref. No. : CE/CPD/WBERC/ 77

Date : 02/03/2020

To
The Secretary,
West Bengal Electricity Regulatory Commission,
Plot No: AH/5 (2nd Floor & 4th Floor)
Premises No: MAR 16-1111, Action Area – 1A, Newtown, Rajarhat,
Kolkata – 700163
Email : cp-wberc@gov.in

Sub. : Petition for approval of incurring Capital Expenditure Capital Expenditure of an estimated cost ₹ 4871.24 Lakhs for up-gradation of Food Park 132/33 kV sub-station to 220/33 kV Sub-station and ATS. This is in terms of Regulation 2.8.2.3 and Paragraph 4.1 (vi) of Schedule–2 of the West Bengal Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2011, as amended.

Sir

We are submitting herewith a Petition for incurring capital expenditure of an estimated cost of ₹4871.24 Lakhs for up-gradation of Food Park 132/33 kV sub-station to 220/33 kV Sub-station and Associated Transmission System in terms of Regulation 2.8.2.3 and Paragraph 4.1 (vi) of Schedule–2 of the West Bengal Electricity Regulatory Commission (Terms and Condition of Tariff) Regulation, 2011 as Amended for kind consideration and approval of the Hon'ble Commission please.

The application fee will be transferred to the bank A/C of Hon'ble Commission shortly through RTGS.

Enclo : 1. Application with an affidavit (one set original & two sets of photocopy) .
2. One no DPR (three sets) for the transmission schemes
3. Draft Gist of Application

Yours faithfully,

02/03/20

(A. Karmakar)
Chief Engineer : CPD

SL. NO. 19 /2020

भारतीय गैर न्यायिक

बीस रुपये

भारत

Rs.20

रु.20

सत्यमेव जयते

INDIA

TWENTY RUPEES

INDIA NON JUDICIAL

पश्चिम बंगाल WEST BENGAL

BEFORE THE NOTARY PUBLIC
BIDHANNAGAR
DIST.-NORTH 24 PARGANAS

26AA 102486

SUDIP CHAUDHURI ★ NOTARY 6584/2008 ★ BIDHANNAGAR COURT 24 PGS. (N) GOVT. OF INDIA

BEFORE THE WEST BENGAL ELECTRICITY REGULATORY COMMISSION, KOLKATA

File no._____

Case no._____

In the matter of : Application for approval of incurring Capital Expenditure of an estimated cost ₹ 4871.24 Lakh for up-gradation of Food Park 132/33 kV sub-station to 220/33 kV Sub-station and Associated Transmission System. This is in terms of Regulation 2.8.2.3 and Paragraph 4.1 (vi) of Schedule – 2 of the West Bengal Electricity Regulatory Commission (Terms and Condition of tariff) Regulation, 2011 as amendment.

AND

In the matter of : West Bengal State Electricity Transmission Company Limited, Vidyut Bhavan, Block – DJ, Sector – II, Bidhannagar, Kolkata – 700091.

S. CHAUDHURI
★ NOTARY ★
GOVT. OF INDIA
Regn. No.-6584/08
Bidhannagar Court
Dist.-North 24 Pgs.

2 MAR 2020

SUDIP CHAUDHURI
NOTARY
6584/2008
BIDHANNAGAR COURT 24PGS. (N) GOVT. OF INDIA

Affidavit verifying the petition / reply / application.

I, Sri Asit Karmakar, Son of Late Panchanan Karmakar, aged 58 years residing at Flat No. – 1B, Trina Co-operative Housing Society, Plot No. – BA 71, New Town AA-I, Kolkata – 700 156 do solemnly affirm and say as follows :

I am the Chief Engineer, Central Planning Department of the West Bengal State Electricity Transmission Company Limited (WBSETCL), petitioner in the above matter, and I am duly authorized by the said petitioner to make this affidavit for and on its behalf.

The statements made in the petition herein now shown to me and marked with the letter '**A**' are true to my knowledge and based on information received and are true to my belief and nothing material has been concealed from the statements so made of documents or supporting data etc. attached.

Solemnly affirmed at Kolkata on this 2nd day of March, 2020 that the contents of this affidavit are true to my knowledge, no part of it is false of nothing material has been concealed there form and misleading material included therein.

Place : Kolkata
Date : 02/03/2020

(ASIT KARMAKAR)
Chief Engineer
Central Planning Department
W B S E T C L

S. CHAUDHURI
★NOTARY★
GOVT. OF INDIA
Regn. No.-6584/08
Bidhannagar Court
Dist.-North 24 Pgs.

02 MAR 2020

SUDIP CHAUDHURI ★ NOTARY 6584/2008 ★ BIDHANNAGAR COURT 24PGS. (N) GOVT. OF INDIA

BEFORE THE HON'BLE WEST BENGAL ELECTRICITY REGULATORY COMMISSION

In the matter of : Application for approval of incurring Capital Expenditure of an estimated cost ₹ 4871.24 Lakh for upgradation of Food Park 132 kV Substation to 220 kV and associated transmission scheme. This is in terms of Regulation 2.8.2.3 and Paragraph 4.1 (vi) of Schedule–2 of the West Bengal Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2011, as amended.

AND

In the matter of : West Bengal State Electricity Transmission Company Ltd., Vidyut Bhavan, Block – DJ, Sec – II, Bidhannagar, Kolkata –700091

Respectfully Sheweth :-

1. The petitioner is a Transmission Licensee under Electricity Act, 2003 having its Head Office at Vidyut Bhavan, Block – DJ, Sector – II, Bidhannagar, Kolkata – 700091.

2. In terms of Regulation 2.8.2.3 and Paragraph 4.1 (vi) of Schedule – 2 of West Bengal Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2011, as amended, the Transmission Licensee (WBSETCL) is required to seek Hon'ble Commission's approval prior to incurring capital expenditure. These regulations were notified in the Kolkata Gazette vide notification No. : 49/WBERC dt : 27/08/12.

3. Name of the Project : Up-gradation of Food Park 132/33 kV sub-station to 220/33 kV Sub-station by construction of 220 kV GIS and Associated Transmission System.

4. Project Details :
   - ✓ Construction of 220/33 kV Substation at Food Park with
     - 220 kV GIS module for 4 no feeders, 2 no Transformers & 1 no Bus Coupler,
     - 2x 50 MVA 220/33 kV Transformer
     - 2 no 132 kV AIS Transformer bays.
   - ✓ LILO of 220 kV KTPP – Howrah (Jangalpur) 220 kV D/C Line at proposed Food Park 220 kV Substation (RL ≃ 16.50 Km D/C + 0.7 Km S/C).

S. CHAUDHURI ★NOTARY★ GOVT. OF INDIA Regn. No.-6584/08 Bidhannagar Court Dist.-North 24 Pgs.

02 MAR 2020

5. Financial implication:

Sl. no.	Description		Amount (₹ in Lakh)
1	Construction of 220 kV GIS within Food Park 132 kV Substation with 4 no 220 kV feeder bays & 2x50.0 MVA 220/33 kV Transformers.	Cost of Land	Nil
		Cost of Transformers	672.30
		Cost of Supply	1906.94
		Cost of Erection	147.48
		Cost of Civil work	377.26
2	D/C LILO of KTPP - Howrah 220 kV D/C line at proposed Food Park 220 kV GIS (Route Length ≃ 0.646 Km D/C & 0.233KM M/C).	Cost of Supply	263.44
		Cost of Erection	446.97
	Total Cost		3814.39
3	Supervision Charge		572.16
	Total Project Cost		4386.55
4	IDC		484.69
	Project Cost including IDC		**4871.24**

6. **A brief description of each of the scheme is given hereunder** :

Food Park 132 kV Substation was commissioned in February 2014 with 2 no 50 MVA 132/33 kV Transformer. Temporarily 132 kV connectivity was established by making LILO of one circuit of Kolaghat – Howrah 132 kV D/C line of DVC. Attempt was made to construct 132 kV Transmission line from Foundry Park 220 kV Substation, which is radially just 6.4 KM apart from Food Park Substation. But, the scheme was not materialized due to non-availability of overhead Corridor.

Subsequently, survey was carried out to draw 10 KM 132 kV UG cable between Foundry park & Food park. But the scheme is also kept aside considering very high capital expenditure and anticipating ROW issue near Ranihati more at NH-6 crossing.

Simultaneously, attempt was taken to get additional power from DVC to operate the Substation in its' full capacity but, DVC has declined the proposal considering the limitation of existing system of DVC.

Load Concentration in and around Food Park is very high; this area is covered with large no of industries. WBSEDCL is managing power supply in this area through long distance 33 kV lines from Uluberia & Foundry Park. WBSEDCL has forecasted load demand to the tune of 50 MVA from Food park Substation. Operation of Food park Substation in its' full capacity is urgently needed for stability & reliability of power supply in this vicinity.

After commissioning of 220 kV system at Food Park, 33 kV source constraint of 33/11 kV Substations of WBSEDCL and 33 kV bulk consumers in the vicinity will be eliminated. Thus, the stability & reliability of the system will be enhanced to a great extent. This upgradation will make the system capable to cater load demand commensurate with increase due to load growth in industrial & commercial sector in the vicinity. With provision of adequate power supply, the socio-economic condition of the area will be improved.

SUDIP CHAUDHURI NOTARY 6584/2008 BIDHANNAGAR COURT 24PGS (N) GOVT. OF INDIA
A
S. CHAUDHURI ★NOTARY★ GOVT. OF INDIA Regn. No.-6584/08 Bidhannagar Court Dist.-North 24 Pgs.
02 MAR 2020

Scheme has been finalised to construct 220/33 kV system with Transformation (220/33 kV) capacity of 2x50 MVA. KTPP – Howrah 220 kV D/C line is passing within 0.5 KM from Food Park 132 kV SS. After establishment of Jangalpur 220 kV SS, the Howrah - KTPP 220 kV D/C line will be reconfigured as KTPP – Jangalpur 220 kV D/C and D/C LILO of this line has been considered as 220 kV source of proposed Food Park Substation.

Detail power flow study has been carried out to ascertain the improvement after implementation of the scheme over the present power scenario. According to study proposed connectivity/ configuration will be sufficient to cater projected load demand at 220 kV Bus of proposed Food Park 220 kV GIS, maintaining Bus voltage as per grid code even in N-1 contingency. After establishment of New Chanditala – Howrah 220 kV D/C connectivity, the KTPP – Howrah 220 kV line turns to alternative source of Howrah Substation. After creation of Jangalpur & Food Park 220 kV said line will be utilised efficiently.

Accordingly, after line route survey, estimate for transmission line & sub-station has been prepared by Engineering Department of WBSETCL based on latest cost data. Total estimated project cost including IDC comes to **₹4871.24** Lakhs including IDC of **₹484.69** Lakhs and Technical & Administrative Approval Order for the scheme has already been issued after obtaining approval of the BOD, WBSETCL.

Internal Approval Reference of all these Projects :

Sl. no.	Name of the Project	Approved by	Approval Ref.	Reference TAA No with Date
1.	Upgradation of Food Park 132 kV to 220 kV.	BOD, WBSETCL	72nd meeting dtd. 19/02/2020	CE/CPD/TAA/2019-20/ 220 Dt. 26/02/2020
	D/C LILO of KTPP – Howrah (Jangalpur) 220 kV D/C at proposed Food Park	BOD, WBSETCL	69th meeting dtd. 19/07/2019	CE/CPD/TAA/2019-20/ 84 Dt. 19/07/2019

Present Status of all these Projects :

Project is in Pre-tender Engineering Stage and the tender will be published shortly. Letter of Award (LOA) for implementation of the scheme will be issued after obtaining investment Approval from Hon'ble Regulatory Commission.

7. **Prayer :**

Hon'ble Commission may kindly consider the above scheme and approved the same for the purpose of tariff.

(ASIT KARMAKAR)
Chief Engineer
Central Planning Department
W B S E T C L

S. CHAUDHURI
★ NOTARY ★
GOVT. OF INDIA
Regn. No.-0584/08
Bidhannagar Court
Dist.-North 24 Pgs.

02 MAR 2020

West Bengal State Electricity Transmission Company ltd.

(A West Bengal Government Enterprise)

Vidyut Bhavan, Block – DJ, Sector – II, Salt Lake, Kolkata – 700 091

NOTICE

Gist of the Application for Investment Approval of Transmission Projects

1. West Bengal State Electricity Transmission Company Limited (in short "WBSETCL") has submitted an application on 2nd March 2020 to West Bengal Electricity Regulatory Commission (WBERC) seeking investment approval for an estimated cost of Rs. 4871.24 lakhs in connection with up-gradation of Food Park 132/33 kV sub-station to 220/33 kV Sub-station by construction of 220 kV GIS and Associated Transmission System in terms of Regulation 2.8.2.3 of the West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011, as amended. The application has been admitted by the commission on ___.___.2020 in Case No: OA-_____/19-20.

2. The brief description of the scheme is as follows :

Sl. No.	Description	Project Cost (Rs in Lakh)
1.	Construction of 220 kV GIS within Food Park 132 kV Substation with 4 no 220 kV feeder bays & 2x50.0 MVA 220/33 kV Transformers.	4871.24
	D/C LILO of KTPP - Howrah 220 kV D/C line at proposed Food Park 220 kV GIS (Route Length ≃ 0.646 Km D/C & 0.233KM M/C).	

3. The Application dated 02/03/2020 submitted by WBSETCL may be inspected at the office of the Commission at Plot No: AH/5 (2nd Floor & 4th Floor) Premises No: MAR 16-1111, Action Area – 1A, Newtown, Rajarhat, Kolkata – 700163 (Telephone : (033) 2962-3756 and Fax: (033) 2962-3757, Email : cp-wberc@gov.in) and certified copies of the application or part thereof may also be obtained from the office of the Commission following the procedures as laid down in West Bengal Electricity Regulatory Commission (Conduct of Business) Regulation, 2013 during office hours on all working days up to the last date of submitting suggestion and objections.

4. The Objections, suggestions, if any, on the proposal contained in the application may be submitted at the office of the Commission mentioned above within _____ days (including the date of publication) of publication of this notice in the newspaper.

5. **This Notification has been issued with the approval of the Hon'ble Commission.**

Place: Salt Lake, Kolkata
Date : _____

(Asit Karmakar)
Chief Engineer (CPD)

02/03/20