

DETAILED NOTICE INVITING TENDER

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

(A Govt of West Bengal Enterprise)

CHIEF ENGINEER (PROCUREMENT), VIDYUT BHAVAN

NOTICE INVITING TENDERS

For

**CONSTRUCTION OF 220/132 KV GIS SUB-STATION AT BARASAT,
DISTRICT -24 PARGANAS NORTH ALONG WITH 2 NOS OF 132 KV
AIS LINE BAYS AT BASIRHAT SUB-STATION**

(Packge-37)

[Domestic Competitive Bidding]

NIT No: CE(P)/WBSETCL/Sub-stn Pkg-37/15-16/40 DT 18.01.16

1. **West Bengal State Electricity Transmission Company Limited (WBSETCL)** invites bids from the eligible bidders on turnkey basis through Domestic Competitive Bidding for design, engineering, civil construction, supply & delivery, erection, testing and commissioning including transportation & insurance, storage in respect of Barasat 220/132 KV GIS substation, District – 24 Parganas (North) along with 2 nos 132 KV AIS Line Bays at Basirhat sub-station and other associated works as defined in the bid document on ‘**Turn-key Basis**’ against **NIT No. CE (P)/WBSETCL/Sub-stn Pkg-37/15-16/40 DT 18.01.16.**

2. **SCOPE OF WORK:**

The brief scope of work is as under:

The work covered under this package is for construction of SUBSTATION AND BAYS on Turn-Key basis as briefed below:

A	<p>Construction of 220/132 KV GIS sub-station at Barasat with 220 KV GIS with 2 X 160 MVA, 220/132 KV Transformer and 4 nos of 220 KV Feeder bays along with Communication System :</p> <ol style="list-style-type: none">1. Construction of 1 nos 132 KV Bay for LV Side for 160 MVA Transformer.2. 1 no new 132 KV Line bay for shifting of existing Jeerat circuit II from its existing position to new position.
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	<p>3. Modification of existing Jeerat Circuit II for utilization of that bay as 132 KV side bay for 160 MVA Transformer II.</p> <p>4. Laying of 132 KV UG Cable in between Composite Tower/ Transformer to proposed line bays of Route Length 0.14 km approximately each.</p>
B	Construction of 2 nos 132 KV AIS Line bays at Basirhat 132 KV sub-station for connectivity in between Basirhat –Newtown AA III 220 KV sub-station with establishment of telecommunication links.
C	The linking substations for establishment of telecommunication with Barasat sub-station are Jeerat 400/220/132/33 KV, Rajarhat 400/220/132 KV (PGCIL) and Kasba 220/132/33 KV sub-station.

This also includes the following but not limited to:

Preparation of Sub-station layout, detailed engineering, supply & delivery of all Sub-stations structures including equipment structures, GIS equipments and associated outdoor equipments conforming to technical specification and as per Schedule , civil foundations, GIS buildings, control building, utility buildings/quarters etc as applicable as furnished in the Bid document and other civil works etc along with erection, testing and commissioning of substation in all respects including Fiber Optic Communication System.

Interested eligible bidders may obtain further information on the bidding documents from the **Office of the Chief Engineer(Procurement) , WBSETCL** at the address given below:-

Vidyut Bhavan, 10th. Floor
B Block,
Salt Lake, Block DJ
Sector II, Kolkata-91.

2.1 **Schedule of Work:**

Sl no	Package no	Name of sub-station	Brief scope of works	Status of Sub-station
1	37	Barasat 220/132 KV GIS	<p>(i) 220/132 KV GIS SS comprising of :</p> <p>(a) 4 numbers 220 KV Feeder Bays, 2 numbers 220 KV Transformer Bay, 1 no. Bus coupler Bay, 2 nos. Bus PT for Main Bus-I & Main Bus-II with</p>	New

			<p>disconnectors & earth switch as detailed in Schedule of Works.</p> <p>(b) Construction of 1 nos 132 KV Bay for LV Side for 160 MVA Transformer as detailed in Schedule of Works.</p> <p>(c) 1 no new 132 KV Line bay for shifting of existing Jeerat circuit II from its existing position to new position as detailed in Schedule of Works.</p> <p>(d) Modification of existing Jeerat Circuit II for utilization of that bay as 132 KV side bay for 160 MVA Transformer II as detailed in Schedule of Works.</p> <p>(e) Laying of 132 KV UG Cable in between Composite Tower/Transformer to proposed line bays of Route Length 0.14 km approximately each.</p>	
2	37		<p>(i)Construction of 2 nos 132 KV AIS Line bays at Basirhat 132 KV sub-station for connectivity in between Basirhat –Newtown AA III 220 KV sub-station as detailed in Schedule of Works.</p>	Existing
3	37		<p>The above scope shall also include supply, delivery, erection, testing and commissioning of Communication System works at linking substations along with other works as laid down in the bidding documents and Schedule of Works.</p>	

3.0 Detailed Specification , scope of work and conditions are given in the bidding documents as per the following schedule :

Sl. No.	Particulars	Date & Time
1	Bidding document No	CE(P)/WBSETCL/Sub-stn Pkg-37/15-16/40 DT 18.01.16.
2	Date of uploading of N.I.T. & other Documents (online) (Publishing Date)	18.01.2016 from 10.00 A.M.
3	Documents download/sell start date (Online)	18.01.2016 from 11.00 A.M.
4	Documents download/sell end date (Online)	07.03.2016 up to 3:00 P.M
5	Start date of hard copy submission of clarification/pre-bid queries/proposed modifications/additional information (if any)	18.01.2016 from 2.00 P.M.
6	Closing date of hard copy submission of clarification/pre-bid queries/proposed modifications / additional information (if any)	30.01.2016 up to 12.30 P.M.
7	Pre-bid meeting to be held at Office of the Chief Engineer (Procurement), 10 th Floor, B-Block Bidyut Bhawan.	10.02.2016 at 11.30 A.M.
8	Bid submission start date (On line)	25.02.2016 from 9:00 A.M.
9	Bid Submission closing (On line)	07.03.2016 up to 4.00 P.M.
10	Last Date of submission of original copies for the cost of Bidding Documents and Earnest Money Deposit (Off line)	08.03.2016 up to 02.00 P.M.
11	Last date of submission of the confirmatory hard copy of the techno-commercial Bid in sealed envelope. N.B. The Confirmatory hard copy of the Techno-commercial bid shall be opened on the date and time of online opening of the Techno-commercial bid in presence of the attending representatives of the Bidders – if any.	08.03.2016 up to 2:00 P.M.
12	Bid opening date for Technical Proposals (Online)	09.03.2016 from 11:00 A.M
13	Date of uploading list for Technically Qualified Bidder(online)	Will be uploaded after completion of the techno-commercial evaluation.
14	Date for opening of Financial Proposal (Online)	Will be published in due course.

15	Cost of Bidding Document	Rs 5000/- (Rs Five Thousand Only)
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A complete set of bidding documents may be downloaded by any interested bidder. Cost of the Bidding document (non-refundable) as mentioned above in the form of a Demand Draft/Pay Order/Banker's Cheque drawn in favour of "WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED" from any scheduled bank payable at Kolkata shall have to be deposited physically at the office the Chief Engineer (Procurement), B- Block, 10th Floor, WBSETCL, Bidyut Bhawan on or before 08.02.2016 up to 02.00 P.M.

Downloading the bidding documents shall not automatically construe that the bidder fulfils the Qualifying Requirements which shall be determined during bid evaluation based on data/documents uploaded by the bidder

- 4.0 All bids must be accompanied by bid security for an amount of **Rs 80 Lakh [Rupees Eighty Lakh only]** in the form of Demand Draft /Pay order /banker's Cheque/ Bank Guarantee and shall remain valid for a period of 240 days from the date of opening of Bids with a claim period of another 90 days thereafter. Bidders must submit the Bid security physically within the stipulated date as above at the office of the Chief Engineer (Procurement), 10th Floor, B-Block, Bidyut Bhawan and also to be documented along with the bid and submitted online. Non submission of the acceptable bid security along with prescribed cost of bidding documents as specified here, in a sealed cover or submission of bid security and cost of bidding document of inadequate value shall be rejected by the WBSETCL and in such cases bids shall be considered as non responsive.

5.0 Qualifying Requirement for bidders:

In addition to the requirements stipulated under Section, Instruction to Bidders (ITB), the following shall also apply:

6.1 Technical Qualification

A) Technical Qualification of the manufacturer of GIS equipment as the Bidder:

- (i) The Bidder/parent Licensee should have experience of design, manufacturing, testing and supply of Rated KV or higher class GIS assembly as per this tender having minimum 3 (three) nos. complete GIS bays including one number circuit breaker feeder bay, one number circuit breaker transformer bay which have already been installed and commissioned in India during last 5 years from the date of bid submission and the said GIS equipment are under satisfactory operation for at least one year on date of Bid submission.

- (ii) The bidder, must have successfully erected, tested and commissioned on supply cum erection basis Rated KV or higher class substation as per this tender, (either AIS or GIS) under Turnkey contract in India including complete design and engineering (both electrical and civil), having at least 3(three) nos. Rated KV or higher KV class complete bays including one number feeder bay, one number transformer bay in India during last 5 years from the date of bid submission which must be in successful operation for at least one year from the date of Bid submission.
- (iii) All equipment including GIS equipment offered for this package shall be type tested within the last 10 (Ten) years.

B) Technical Qualification for Indian EPC sub-station contractor as Bidder:

- (i) The bidder, must have successfully erected, tested and commissioned on supply cum erection basis Rated KV or higher class substation as per this tender, (either AIS or GIS) under Turnkey contract in India including complete design and engineering (both electrical and civil), having at least 3(three) nos. Rated KV or higher KV class complete bays including one number feeder bay, one number transformer bay in India during last 5 years from the date of bid submission which must be in successful operation for at least one year from the date of Bid submission.
- (ii) The bidder shall supply Rated KV or higher class GIS equipment as per this tender from any national / internationally reputed manufacturer of GIS equipment who meets the QR as laid down in Serial 6.1) A) (i) above. However, the Bidder must obtain authorization from the manufacturer of GIS equipment meeting the above criteria supported by **legally enforceable undertaking jointly with the GIS manufacturer** to guarantee quality, timely supply, performance, service support, availability of spares during lifecycle of the offered equipments and defect liability obligations as specified in the relevant technical specification and General Condition of Contract. **The same is also applicable if bidders' parent company (principals) is the supplier of GIS equipment.**
- (iii) All equipment including GIS equipment offered for this package shall be type tested within the last 10 (ten) years.

Supporting documents in favour of all the above mentioned requirement shall have to be uploaded by the Bidder as well as its hard copy is to be enclosed along with the confirmatory hard copy of the Techno-commercial Bid. Failure to furnish any or all information as required as a part of Bid document in every respect will be at the Bidder's risk and may result in rejection of the Bid.

6.2 Personnel Capability

The bidder must have full-fledged set up for executing similar turnkey projects. Details of execution set up to be deployed by the bidder shall be furnished in their offer.

Project Management team shall be headed by a Project Manager (Engineering Graduate) with at least 10 (ten) years experience in execution of such contract of comparable nature. He shall be stationed at work site. **However, installation, testing and commissioning of GIS equipments shall be done under direct supervision of the original GIS equipment manufacturer.**

6.3 Financial

- I. The net worth at the end of last financial year shall be not less than **Rupees 10.00 Crore (Rupees Ten Crore Sixty Lakh)** only.
- II. The average yearly turnover over the last three financial years shall not be less than **Rupees 36 Crore (Rupees Thirty Six Crore)** only.

6.0 WBSETCL reserves the right to accept or reject any bid partly or fully or cancel the bidding without assigning any reasons thereof and in such case no bidder/ intending bidder shall have any claim arising out of such action.

7.0 Address for Communication :

The Chief Engineer, Procurement Department, 10th.Floor, 'B' Block, Vidyut Bhavan, Block-DJ, Sector-II, Salt Lake, Kolkata-700091.

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

FAX : 91-33-2359-1894

TELEPHONE : 91-33-23197395/ 91-33-23591956

E-mail : *ceprocurement_wbsetcl@rediffmail.com*

Website : www.wbsetcl.in

GENERAL GUIDANCE FOR E-TENDERING:

A. Instructions / Guidelines for electronic submission of the tenders have been annexed for assisting the contractors to participate in e-Tendering.

i.Registration of Contractor:

Any contractor willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement System, through logging on to <https://etender.wb.nic.in> or wbenders.gov.in. The contractor is to click on the link for e-Tendering site as given on the web portal.

ii. Digital Signature certificate (DSC):

Each contractor is required to obtain a Class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders from the approved service provider of the National Informatics Centre (NIC) on payment of requisite amount. Details are available at the Web Site stated in Clause A.1. above. DSC is given as a USB e-Token.

iii.Collection of Tender Documents:

The contractor can search & download N.I.T. & Tender Document(s) electronically from computer once he logs on to the website mentioned in Clause A.1. using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.

B. Submission of Tenders:

Tenders are to be submitted through online to the website stated in Clause A.1. in two folders at a time for each work, one in Technical Proposal & the other is Financial Proposal before the prescribed date & time using the Digital Signature Certificate (DSC). The documents are to be uploaded virus scanned copy duly Digitally Signed. The documents will get encrypted (transformed into non readable formats).

Submission of one set of Hard copy:

- **Bidders must submit the “Cost of Bidding document (original) & Bid Security (ORIGINAL + 2 COPIES)” together in one sealed envelope whereas the Confirmatory Hard Copy must be submitted in a separate sealed envelope clearly stating the contents of these envelopes. These two separate sealed envelopes must again be enclosed in one sealed envelope clearly stating the package name and its contents.**

- **N.B. Bidders are required to submit one set of confirmatory copy of the uploaded Techno-commercial Bid only in a sealed envelope (hard copy) on the date as specified in the Detail NIT above. Bidders**

are not required to submit any hard copy of the Price/Financial Bid (BOQ).

- **N.B. Legally enforceable documents such as Power of Attorney, Affidavit regarding Eligibility and Agreements between Manufacturer and Bidder/Licenser and Licensee etc duly notarised shall be submitted in original in hard copy along with the Confirmatory Techno-commercial bid.**

B.1 Technical Proposal:

The Technical proposal should contain scanned copies of the following in two covers (folders).

B.1.1 Statutory Cover containing the following documents:

- a) Demand Draft / Bankers Cheque/Bank Guarantee towards cost of tender documents as prescribed in the N.I.T.
- b) Demand Draft / Bankers Cheque/Bank Guarantee towards Bid Security (EMD) as prescribed in the N.I.T.
- c) Scanned copy of the forms/formats under Section VII A(provided separately) of the Tender Document duly filled up and uploaded comprising of the following:

- 1. Bid Form (withour Price)**
- 2. Power of Attorney in favour of Signatory of the Bid**
- 3. Qualification Criteria**
- 4. Litigation History**
- 5. Affidavit regarding eligibility**
- 6. Technical compliance Form**
- 7. Details of Sub-contractor of all items of supply**
- 8. List of Erection Tools and Equipments**
- 9. Details of bought-out items to be directly despatched by Sub-contractors to site**
- 10. Quality Assurance Programme**
- 11. Milestone schedule for key activities**
- 12. Transformer/ Reactor Loss Figures (if applicable).**
- 13. Declaration: (i) Unconditional Acceptance of Tendered Price schedule
(ii) Approved Makers List of WBSETCL.**

The rate shall be quoted in the B.O.Q. only. Quoted rate will be encrypted in the B.O.Q. under Financial Bid. In case quoting of rate anywhere else in the Bid document shall be liable for rejection of the bid summarily.

B.1.2.Non-statutory Cover containing the following documents:

- a. Financial Documents:
- (i) Central sales tax registration No(a copy of certificate of registration to be enclosed)
 - (ii) VAT registration No(a copy of certificate of registration to be enclosed)
 - (iii)TAN No:(a copy of certificate to be enclosed)
 - (iv)Excise registration No (a copy of certificate of registration to be enclosed)
 - (v) Service Tax registration No (a copy of certificate of registration to be enclosed)
 - (vi)PAN No(a copy of certificate to be enclosed)
 - (vii) PF Account No(a copy of certificate to be enclosed)
- b) Registration Certificate under Company Act. (if any).
- c) Registered Deed of partnership Firm / Article of Association & Memorandum.
- d) Tax Audited Report along with Balance Sheet & Profit & Loss A/c. for the last 5 (*five*) years (year just preceding the current Financial Year will be considered as year – I).
- e) List of machineries possessed by own / arranged through lease hold agreement along with authenticated copy of invoice, challan & waybill.
- f) List of Technical staffs along with structure & organization.
- g) Similar nature of work done & completion certificate which is applicable for eligibility in this tender.
Viz. List of Work order references with execution status of similar Works in the past; Copies of Un-priced Work Orders/Letters of Award and corresponding delivery Challans / Stores Receipt Vouchers/Excise Duty Invoice, Client’s Certificate, etc., i.e. proof of execution of Purchase Order/ Works;

N.B.: Failure of submission of any of the above mentioned documents as stated above will render the bidder liable to be rejected for both statutory & non statutory cover.

C. THE ABOVE STATED NON-STATUTORY/TECHNICAL DOCUMENTS SHOULD BE ARRANGED IN THE FOLLOWING MANNER

Click the check boxes beside the necessary documents in the My Document list and then click the tab “Submit Non Statutory Documents’ to send the selected documents to Non-Statutory folder.

Next Click the tab “Click to Encrypt and upload” and then click the “Technical” Folder to upload the Technical Documents.

My Document Format of West Bengal State Electricity Transmission Company Ltd:

Sl No	Category Name	Sub Category Description	Details	Remarks
A	CERTIFICATES	CERTIFICATES	<p>(i) 1 Central sales tax registration No(a copy of certificate of registration to be enclosed)</p> <p>(ii) VAT registration No(a copy of certificate of registration to be enclosed)</p> <p>(iii) TAN No:(a copy of certificate to be enclosed)</p> <p>(iv) Excise registration No (a copy of certificate of registration to be enclosed)</p> <p>(v) Service Tax registration No (a copy of certificate of registration to be enclosed)</p> <p>(vi) PAN No(a copy of certificate to be enclosed)</p> <p>(vii) PF Account No (a copy of certificate to be enclosed)</p>	
B	COMPANY DETAILS	COMPANY DETAILS 1	INCORPORATION CERTIFICATE, MEMORANDUM OF ASSOCIATION /ARTICLE OF ASSOCIATION, TRADE LICENCE.	
C	CREDENTIAL	CREDENTIAL 1	SIMILAR NATURE OF WORK DONE & COMPLETION CERTIFICATE WHICH IS APPLICABLE FOR ELIGIBILITY IN THIS	

			<p>TENDER (to meet the QR). List of Work order/Letters of Award references with execution status of similar purchases/ Works in the past; Copies of Un-priced Work Orders/Letters of Award.</p> <p>In the CREDENTIAL 2 folder, Bidders must submit the corresponding delivery Challans / Stores Receipt Vouchers/Excise Duty Invoice, Client's Certificate for Completion/ Performance etc., i.e. proof of execution of Purchase Order/Work Order/ Works/Letters of Award.</p>	
D	EQUIPMENT	<p>MACHINERIES 1</p> <p>MACHINERIES 2</p> <p>MACHINERIES 3</p> <p>MACHINERIES 4</p> <p>MACHINERIES 5</p> <p>LABORATORY</p>	<p>1. AUTHENTICATED COPY OF INVOICE, CHALLAN & WAYBILL (MACHINERY).</p> <p>2. AUTHENTICATED COPY OF INVOICE, CHALLAN (LABORTARY).</p>	Bidders to submit documents in support of Form 9 – List of erection tools and equipment of Section VII A –Bid Form)
E	FINANCIAL INFO	WORK IN HAND		Documents in support of Form 4E: Present Order Book position of Section VII A –Bid Form)
		PAYMENT CERTIFICATE 1	ONLY PAYMENT CERTIFIACTE NOT THE	

		PAYMENT CERTIFICATE 2	TDS CERTIFICATE. BANKER'S CERTIFICATE, SOLVENCY CERTIFICATE AND OTHER RELEVANT DOCUMENTS.	
		P/L AND BALANCE SHEET 2012-2013	PROFIT & LOSS AND BALANCE SHEET (WITH ANNEXURE AND 3CD FORM IN CASE OF TAX AUDIT)	
		P/L AND BALANCE SHEET 2011-2012	PROFIT & LOSS AND BALANCE SHEET (WITH ANNEXURE AND 3CD FORM IN CASE OF TAX AUDIT)	
		P/L AND BALANCE SHEET 2010-2011	PROFIT & LOSS AND BALANCE SHEET (WITH ANNEXURE AND 3CD FORM IN CASE OF TAX AUDIT)	
		P/L AND BALANCE SHEET 2009-2010	PROFIT & LOSS AND BALANCE SHEET (WITH ANNEXURE AND 3CD FORM IN CASE OF TAX AUDIT)	
		P/L AND BALANCE SHEET 2008-2009	PROFIT & LOSS AND BALANCE SHEET (WITH ANNEXURE AND 3CD FORM IN CASE OF TAX AUDIT)	
F	MANPOWER	TECHNICAL PERSONNEL	LIST OF TECHNICAL STAFFS ALONG WITH STRUCTURE & ORGANIZATION (AS PER NIT).	Documents in support of Form 4F: Present Order Book position of Section VII A –Bid Form)
		TECHNICAL PERSONNEL ON CONTRACT	LIST OF TECHNICAL STAFFS ALONG WITH STRUCTURE & ORGANIZATION (AS PER NIT).	

**NOTE: BLACK & WHITE SCN
MULTIPAGE SCAN
DPI MAX 200-300**

D. Tender Evaluation Committee (TEC) – Duly constituted tender Evaluation Committee of WBSETCL

E. Opening & evaluation of tender:

F. Opening of Technical Proposal:

Technical proposals will be opened by the Tender Evaluation Committee electronically from the website using their Digital Signature Certificate (DSC).

G. Intending bidders may remain present if they so desire.

H. Cover (folder) for Statutory Documents will be opened first and if found in order, cover (folder) for Non-Statutory Documents will be opened. If there is any deficiency in the Statutory Documents the tender will summarily be rejected.

I. Decrypted (transformed into readable formats) documents of the non-statutory cover will be downloaded & handed over to the Tender Evaluation Committee.

J. Summary list of technically qualified bidders will be uploaded online.

K. Pursuant to scrutiny & decision of the Tender Evaluation Committee the summary list of eligible bidders will be considered and uploaded in the web portals.

L. During evaluation the committee may summon of the bidders & seek clarification / information or additional documents or original hard copy of any of the documents already submitted & if these are not produced within the stipulated time frame, their proposals will be liable for rejection.

M. Financial Proposal

1. The financial proposal should contain the following documents in one cover (folder) i.e. Bill of Quantities (BOQ). The Bidder is to quote the rate online through computer in the space marked for quoting rate in the BOQ.

2. Only downloaded copies of the above documents are to be uploaded virus scanned & Digitally Signed by the contractor.

a. Financial capacity of a bidder will be judged on the basis of information furnished in Section - B.

b. Penalty for suppression / distortion of facts:

N. If any bidder fails to produce the original hard copies of the documents like Completion Certificates and any other documents on demand of the Tender Evaluation Committee within a specified time frame or if any deviation is detected in the hard copies from the uploaded soft copies, it may be treated as submission of false documents by the bidder and action may be referred to the appropriate authority for prosecution as per relevant IT Act.

O. Rejection of Bid:

Employer reserves the right to accept or reject any Bid and to cancel the Bidding processes and reject all Bids at any time prior to the award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for Employer's action.

P. Award of Contract

The Bidder who's Bid has been accepted will be notified by the Tender Inviting & Accepting Authority through acceptance letter / Letter of Acceptance.

The notification of award will constitute the formation of the Contract.

The Agreement in format provided in Section VII-B will incorporate all agreements between the Tender Accepting Authority and the successful bidder. All the tender documents including N.I.T. & B.O.Q. will be the part of the contract documents. After receipt of Letter of Acceptance, the successful bidder shall have to submit requisite copies of contract documents.

Chief Engineer (Procurement)

West Bengal State Electricity Transmission Company Ltd