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

UJANU 132 KV SUB-STATION, FOUR NOS. 132 KV LINE BAY AT DIFFERENT SUB-STATIONS FOR TSS AND FOUR NOS. 132 KV BAYS AT DIFFERENT TSS.(WBSETCL PART).

(Package-18)

[Domestic Competitive Bidding]

Ref No: CE (Procurement)/WBSETCL/ Trans.Project/Sub-Stn./Package-18/2012-13/26 Dated: 12.03.2013

West Bengal State Electricity Transmission Company Limited herein referred to as WBSETCL invites sealed bids through Domestic Competitive Bidding (DCB) from eligible bidders for design, engineering, civil construction, supply & delivery, erection, testing and commissioning including transportation & insurance, storage in respect UJANU 132 KV SUB-STATION, FOUR NOS. 132 KV LINE BAY AT DIFFERENT SUB-STATIONS FOR TSS AND FOUR NOS. 132 KV BAYS AT DIFFERENT TSS.(WBSETCL PART) under Package-18 as defined in the bid document on ‘Turn-key Basis’ against NIT No. CE(Procurement)/WBSETCL/Trans.Project/Sub-Stn/Package-18/ 2012-13/ 26 Dated 12.03.2013 as per the scope of work mentioned hereinafter.

1.0 SCOPE OF WORK:-

The brief scope of work under this turnkey package-18 is as under:

The work covered under this scope is for construction of 1) 132/33 KV substation at Ujanu, Darjeeling District along with PLCC works at Ujanu substation and its linking 132KV Sub-Stn. at Siliguri and NBU 2) one no. 132 KV Line bay at Rampurhat, 3) one no. 132 KV Line bay at Coochbehar, 4) one no. 132 KV Line bay at TCF PS III, 5) one no 132 KV Line bay TCF PSI, 6) one no. 132 KV bay at Rampurhat TSS, 7) One no. 132 KV bay at Pandibari TSS, 8) One no. 132 KV bay at Gunjaria TSS and 9) One no. 132 KV bay at Rangapani TSS on Turn-Key basis. The purchaser will supply the power transformers at site but placement on plinth, erection, commissioning, testing will be under the scope of work.

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, associated outdoor equipment conforming to technical specification and as per Schedule, civil foundations, utility buildings 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 Power Line Carrier Communication through 132 KV lines.

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.

### 2.0 Schedule of Work and Completion period:

<table>
<thead>
<tr>
<th>Package No.</th>
<th>Package Sl.No.</th>
<th>Sub-Stns’ name</th>
<th>Brief Scope of Works</th>
<th>Status of Sub-Stn.</th>
<th>Completion Time</th>
</tr>
</thead>
</table>
| 18.         | 1.             | UJANU 132/33 KV S/S | i) 2 nos. 132 KV Line bays  
ii) 2 nos. 132 KV Transformer bays for 31.5 MVA 132/33 KV Transformer (excluding supply of transformer)  
iii) 1 no 132 KV Bus Transfer bay  
iv) 33KV Indoor Draw out type VCB/SF6 Switchgear assembly complete comprising of 6 nos. outgoing feeder bays, 2 nos. Incoming Transformer bays, 1 nos. Bus sectionalizing bay including 2 sets of bus PTs,  
v) 2 nos. 315 KVA, 33/0.4KV Station Service Transformer  
vi) 2 nos. 100KVA, 33/0.4KV Earthing Transformer.  
vii) The above scope shall also include supply, delivery, erection, testing and commissioning of PLCC works and Local Area Network (LAN) System for all Numerical Relays complete for entire Substation with Cable, Connector, Converter, Communication Port, PC, Key Board, UPS, Printer, Opto Electric Converter, Line Drivers, all necessary softwares and other accessories as required as per Technical Specification of Control & Relay Panel. | New. | 18(Eighteen) months from the date of LOA |
<table>
<thead>
<tr>
<th>No.</th>
<th>Location</th>
<th>Description</th>
<th>Status</th>
<th>Time Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>18.</td>
<td>2.</td>
<td><strong>132 KV Line Bay at Rampurhat</strong></td>
<td>1 No 132 KV Line Bay.</td>
<td>Existing 10(ten) months from the date of LOA</td>
</tr>
<tr>
<td>3.</td>
<td>Rampurhat TSS</td>
<td>1 No 132 KV feeder Bay.</td>
<td>Existing</td>
<td>8(eight) months from the date of LOA</td>
</tr>
<tr>
<td>4.</td>
<td><strong>132 KV Line Bay at Coochbehar</strong></td>
<td>1 No 132 KV Line Bay.</td>
<td>Existing</td>
<td>10(ten) months from the date of LOA</td>
</tr>
<tr>
<td>5.</td>
<td>Pundibari TSS</td>
<td>1 No 132 KV feeder Bay.</td>
<td>Existing</td>
<td>8(eight) months from the date of LOA</td>
</tr>
<tr>
<td>6.</td>
<td><strong>132 KV LINE BAY AT TCF PS III FOR GUNJARIA TSS</strong></td>
<td>1 No 132 KV Line Bay.</td>
<td>Existing</td>
<td>10(ten) months from the date of LOA</td>
</tr>
<tr>
<td>7.</td>
<td>Gunjaria TSS</td>
<td>1 No 132 KV feeder Bay.</td>
<td>Existing</td>
<td>8(eight) months from the date of LOA</td>
</tr>
<tr>
<td>8.</td>
<td><strong>132 KV LINE BAY AT TCF PS I FOR RANGAPANI TSS</strong></td>
<td>1 No 132 KV Line Bay.</td>
<td>Existing</td>
<td>10(ten) months from the date of LOA</td>
</tr>
<tr>
<td>9.</td>
<td>Rangapani TSS</td>
<td>1 No 132 KV feeder Bay.</td>
<td>Existing</td>
<td>8(eight) months from the date of LOA</td>
</tr>
</tbody>
</table>
3.0 WBSETCL intends to finance this package through Loan/Bond.

4.0 Detailed Specification, scope of work and conditions are given in the bidding documents, which are available for sale at the address given below as per the following schedule:

<table>
<thead>
<tr>
<th>Bidding document No</th>
<th>CE(Procurement)/WBSETCL/Trans.Project/Sub-Stn/Package-18/2012-13/26 Dtd 12.03.2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Document sale date &amp; time</td>
<td>From 12.03.2013 to 22.03.2013 (except holidays) Monday to Friday, From 11-00 AM to 3-00 PM</td>
</tr>
<tr>
<td>Last Date of Submission of</td>
<td>03.04.2013 by 5.00 P.M.</td>
</tr>
<tr>
<td>Clarifications/Queries for Pre-</td>
<td></td>
</tr>
<tr>
<td>Bid meeting</td>
<td></td>
</tr>
<tr>
<td>Pre-bid meeting</td>
<td>10.04.2013 at 2.30 PM.</td>
</tr>
<tr>
<td>Bid receipt date &amp; time</td>
<td>Up to 24.04.2013 by 2-00 PM</td>
</tr>
<tr>
<td>Bid opening date &amp; time</td>
<td>24.04.2013 at 3-00 PM</td>
</tr>
<tr>
<td>Cost of bidding document</td>
<td>Rs5000/- [Rupees Five Thousand only]</td>
</tr>
</tbody>
</table>

A complete set of bidding documents may be purchased by any interested bidder on submission of a written application along with credentials and payment (non-refundable) of the cost of the bidding documents 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.

Issuance of bidding documents shall not automatically construe that the bidder fulfils the Qualifying Requirements which shall be determined during bid evaluation based on data/documents submitted by the bidder.

5.0 All bids must be accompanied by bid security for an amount of Rs 46 Lakh [Rupees Forty six 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. Bids not accompanied with an acceptable bid security as specified in bidding documents, in a separate cover or bids accompanied with bid security of inadequate value shall be rejected by the WBSETCL and in such cases bids shall be returned to the bidders unopened.

6.0 Qualifying Requirement for bidders:

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

i) The bidder, as a prime contractor, must have successfully erected, tested and commissioned on supply cum erection basis at least one 132 KV or higher KV Class sub-station (AIS) under Turnkey contract in India including complete design and engineering (both electrical and civil), having at least 4 (four) nos. circuit breaker terminal bays (out of which at least one no. must be a power transformer bay) during last 5 (five) years from the date of NIT (to be supported by successful commissioning certificate/T.O.C.).

ii) The bidder should own or should have assured access to the manufacturing facilities for supplying of 132 KV and above class major equipment e.g. Transformer, Circuit Breakers, Surge Arrestors, CVTs, C&R Panels, Isolators, PLCC terminals, Wave Trap and 33 KV Indoor Switchgear panel.

iii) All equipment offered for this package shall be type tested. Copies of type test reports identical to the offered equipment as per details given in technical specifications, shall be attached with the bid document.

iv) The bidder should submit history of past supply, client’s certificate in support of satisfactory operation of 132 KV or above KV class substation meeting the criteria as mentioned in a (i).

**Supporting documents in favour of all the above mentioned requirement shall have to be submitted by the Bidder under Envelope: 1 of the 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.**

a) **Personnel Capability**

i) 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.

**Financial**

i) In order to qualify for this package, the bidder must be having Financial Net Worth at the end of last financial year not less than Rs4.61 Crores (Rupees Four Crores sixty one lakh only).

ii) Average Annual Turnover during last three financial years shall not be less than Rs18.50 Crore (Rupees Eighteen Crores Fifty lakh only).

7.0 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.
8.0 Address for Communication:

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

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

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