


Sub: Minutes of the Pre-Tender Meeting and 2nd Amendment of Tender Document on Ref. No. 27.29.0000.012.07.002.21-152 Issued on 24.01.2021 for “Procurement of “Upgradation of 4 nos existing 33/11 KV Sub-Station’s at Katkipara under s&d-2, NESCO, Rangpur; Mahigonj under s&d-3, NESCO, Rangpur; Dhanghora under s&d-2, NESCO, Gaibandha and Niamotpur under s&d, NESCO, Saidpur, Nilphamari each with 1 x 20/26.66 MVA Power Transformer (AIS System) on Turnkey Basis”.

A Pre-Tender Meeting was held on 28-02-2021 on Ref. No. 27.29.0000.012.07.002.21-152 issued on 24.01.2021 for “Procurement of “Upgradation of 4 nos existing 33/11 KV Sub-Station’s at Katkipara under s&d-2, NESCO, Rangpur; Mahigonj under s&d-3, NESCO, Rangpur; Dhanghora under s&d-2, NESCO, Gaibandha and Niamotpur under s&d, NESCO, Saidpur, Nilphamari each with 1 x 20/26.66 MVA Power Transformer (AIS System) on Turnkey Basis”. The following Explanation/Amendment has been made on the basis of Pre-Tender Meeting discussion in the presence of prospective tenderers.

SL No	Clause No & Name	Queries/Written as	Explanation/Amendment
01	ITT 5.13	Tenderers shall have the following up-to-date valid License: ABC Category Electrical Supervisory License from Bangladesh Electrical Licensing Board & Trade/Business License.	Tenderers shall have the following up-to-date valid License: ABC Category Electrical Supervisory License & Trade/Business License.
02	ITT 14.1 (a) General Experience	The Tenderer shall have a minimum of ten (10) years of overall experience in the business of supply, Installation, Erection, Testing, Commissioning of electrical substation in govt./semi govt./autonomous electricity utilities in Bangladesh in the role of contractor or management contractor (years counting backward from the date of IFT).	The Tenderer shall have a minimum of Five (05) years of overall experience in the business of supply, Installation, Erection, Testing, Commissioning of electrical substation in govt./semi govt./autonomous electricity utilities in Bangladesh in the role of contractor or management contractor (years counting backward from the date of IFT).
03	ITT 14.1 (b) Specific Experience	The minimum specific experience as a Contractor or Management Contractor in similar to the proposed plant and services in at least a number of 2 (two) contract(s) of similar nature*, complexity and methods/construction technology successfully completed within the	The minimum specific experience as a Contractor or Management Contractor in similar to the proposed plant and services in at least a number of 2 (two) contract(s) of similar nature*, complexity and methods/construction technology successfully completed within the last 10 (ten) years (years counting backward



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		<p>last 10 (ten) years (years counting backward from the date of IFT), each with a value of at least TK 20.00 (Twenty) Crore in govt./semi govt./autonomous electricity utilities in Bangladesh.</p> <p>In addition, performance of the completed turnkey contracts and ongoing turnkey contract(s) as mentioned in Annexure: 5-1 and Annexure: 5-2 shall be taken into consideration during evaluation.</p> <p><u>Note:</u></p> <ol style="list-style-type: none"> The Tenderer shall have to submit End User Certificate(s) in End User's official pad; in favor of above-mentioned experience stating that the performance of the supplied plant and services are satisfactory for at least one (01) year. The End User Certificate(s) duly signed by the end user shall mention the name & commissioning date of the plant and services which were designed, supplied, installed/constructed, tested and commissioned by Tenderer (lead partner in case of JV) and shall contain end-user's full mailing address, e-mail address, website address, fax number and phone number for the convenience of authentication. In any case, NESCO reserve the right to verify genuineness of End User Certificate(s). Certificate(s) those are not in Bangla/English must be notarized on translated English version. <p><i>*Similar nature means: Constriction of 33/11kV or higher voltage level GIS/AIS/GIS+AIS Substation and having capacity regarding engineering, supply, erection, installation, testing and commissioning of at least 2x10/13.33MVA or higher capacity substations on turnkey basis.</i></p>	<p>from the date of IFT), each with a value of at least TK 12.00 (Twelve) Crore in govt./semi govt./autonomous electricity utilities in Bangladesh.</p> <p>In addition, performance of the completed turnkey contracts and ongoing turnkey contract(s) as mentioned in Annexure: 5-1 and Annexure: 5-2 shall be taken into consideration during evaluation.</p> <p><u>Note:</u></p> <ol style="list-style-type: none"> The Tenderer shall have to submit End User Certificate(s) in End User's official pad; in favor of above-mentioned experience stating that the performance of the supplied plant and services are satisfactory for at least one (01) year. The End User Certificate(s) duly signed by the end user shall mention the name & commissioning date of the plant and services which were designed, supplied, installed/constructed, tested and commissioned by Tenderer (lead partner in case of JV) and shall contain end-user's full mailing address, e-mail address, website address, fax number and phone number for the convenience of authentication. In any case, NESCO reserve the right to verify genuineness of End User Certificate(s). Certificate(s) those are not in Bangla/English must be notarized on translated English version. <p><i>*Similar nature means: Constriction of 33/11kV or higher voltage level GIS/AIS/GIS+AIS Substation and having capacity regarding engineering, supply, erection, installation, testing and commissioning of at least 2x10/13.33MVA or higher capacity substations on turnkey basis.</i></p>																												
04	ITT 18.2 Qualification Criteria in case of JV	<p>Maximum number of partners in the JV shall be "not limited"</p> <p>The minimum qualification requirements of Leading Partner, other Partner(s) and requirements by summation of a JV shall be as follows:</p> <table border="1" data-bbox="384 980 1102 1429"> <thead> <tr> <th>TDS Clauses References</th> <th>Requirements by summation</th> <th>Requirements for Leading Partner</th> <th>Requirements for other Partner(s)</th> </tr> </thead> <tbody> <tr> <td>ITT-14.1(a)</td> <td>Summation not applicable</td> <td>Same as stated in TDS</td> <td>Same as for Leading Partner</td> </tr> <tr> <td>ITT-14.1(b)</td> <td>100%</td> <td>At least two Contract</td> <td>Minimum requirement not applicable</td> </tr> <tr> <td>ITT-15.1(a)</td> <td>100%</td> <td>40%</td> <td>25%</td> </tr> <tr> <td>ITT-15.1(b)</td> <td>100%</td> <td>40%</td> <td>25%</td> </tr> <tr> <td>ITT-16.1(a)</td> <td>100%</td> <td>Minimum requirement not applicable</td> <td>Minimum requirement not applicable</td> </tr> <tr> <td>ITT-17.1</td> <td>100%</td> <td>Minimum requirement not applicable</td> <td>Minimum requirement not applicable</td> </tr> </tbody> </table>	TDS Clauses References	Requirements by summation	Requirements for Leading Partner	Requirements for other Partner(s)	ITT-14.1(a)	Summation not applicable	Same as stated in TDS	Same as for Leading Partner	ITT-14.1(b)	100%	At least two Contract	Minimum requirement not applicable	ITT-15.1(a)	100%	40%	25%	ITT-15.1(b)	100%	40%	25%	ITT-16.1(a)	100%	Minimum requirement not applicable	Minimum requirement not applicable	ITT-17.1	100%	Minimum requirement not applicable	Minimum requirement not applicable	As per tender document.
TDS Clauses References	Requirements by summation	Requirements for Leading Partner	Requirements for other Partner(s)																												
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ITT-16.1(a)	100%	Minimum requirement not applicable	Minimum requirement not applicable																												
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05	ITT 19.2 Subcontract	The maximum of percentage is 20% of Goods allowed to be subcontracted.	The maximum of percentage is 20% of the contract value of Goods allowed to be subcontracted.
06	ITT 24.2(r) Manufacturer's Satisfactory Performance Certificates	At least 02 (two) nos. Manufacturer's Satisfactory Performance Certificates from Electricity Utility as End User depicting that each offered type or higher capacity rating Power Transformer, 33kV Outdoor VCB, 33kV PCM Panel, 11kV VCB with PCM Panel, Battery & Battery Charger, 11kV XLPE Power Cable, 33kV & 11kV LA, CT & PT of same voltage class within last 10 (ten) years i.e. years counting backward from the date of publication of IFT in the newspaper and has been in satisfactorily service for at least 02(two) years. The Satisfactory Performance Certificate (SPC) shall be in End User's official pad and shall contain end-user's full mailing address, e-mail address, website address and fax / telephone number for the convenience of authentication. <i>Note: Electricity Utility means govt./semi govt./autonomous electricity utilities engaged in Bangladesh.</i>	As per tender document.
07	ITT 24.2(r) Manufacturers Authorization, Type Test Report etc.	<u>For 33KV VCB with PCM & 11KV Switchgear Panel:</u> Manufacturer's authorization for Protective Relays from ABB (Switzerland/ Sweden/Finland) or Siemens (Germany) or Schneider Electric (UK/France) or ALSTOM (UK/France), SEL, USA & Energy Meters from Siemens (Germany/Switzerland) or AEG (Germany) or ABB (Switzerland/Finland) or Itron (USA) or Elster (USA/Romania) or Landis+ Gyr (Switzerland/Greece) or Toshiba (Japan) or Honeywell (USA) or CEWE (UK) in prescribed Form (PG5A-5). <u>Type Test Certificates & Reports:</u> <u>For 33KV Switchgear (Outdoor VCB with PCM):</u> Type Test Certificates & Reports for offered type similar or higher Ampere rating Outdoor Vacuum Circuit Breaker for same voltage class from any short-circuit testing liaison (STL) Member [http://www.stl-liaison.org/web/03_Members.php] Testing Organization or Laboratory as per relevant IEC standard. The type test report along with results shall include at least the following tests: a) Lightning Impulse Voltage withstand tests b) Power Frequency withstand tests c) Temperature Rise tests d) Measurement of Resistance of the main circuit. e) Short-time withstand current and peak withstand current tests. f) Mechanical Endurance tests g) Short Circuit performance tests h) Out-of-phase making & breaking tests i) IP55 tests.	As per tender document.

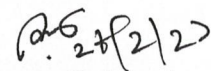
Amend

SL No	Clause No & Name	Queries/Written as	Explanation/Amendment
		<p><u>For 11KV Switchgear (VCB with PCM Panel):</u> Type Test Certificates & Reports for offered type similar or higher Ampere Rating Switchgear for same voltage class from any short-circuit testing liaison (STL) Member [http://www.stl-liaison.org/web/03_Members.php] Testing Organization or Laboratory as per relevant IEC standard. The type test report along with results shall include at least the following tests:</p> <ol style="list-style-type: none"> Lightning Impulse Voltage Withstand tests. Power frequency withstands tests. Temperature Rise Tests. Measurement of resistance of the main circuit. Short-circuit performance tests (including short-time and peak withstand current tests, verification of making & breaking capacities tests). Mechanical operation tests. <p>IEC 61850 Test Certificate for all Protective Relays.</p>	
08	ITT 24.2(r) Type Test Report.	<p><u>For Power Transformers:</u> Type Test Certificates, Reports & Special Tests for offered type similar or higher MVA rating power transformer for same voltage class from any short-circuit testing liaison (STL) Member [http://www.stl-liaison.org/web/03_Members.php] Testing Organization or Laboratory as per relevant IEC standard.</p>	<p><u>For Power Transformers:</u> Type Test Certificates, Reports & Special Tests for offered type power transformer for same voltage class from any short-circuit testing liaison (STL) Member [http://www.stl-liaison.org/web/03_Members.php] Testing Organization or Laboratory as per relevant IEC standard.</p>
09	ITT 29.3(b) Manufacturers Authorization	<p>Manufacturer's authorization is: required A Manufacturer's Authorisation Letter is required for all the items listed in Guaranteed Technical Particulars (GTP), Section 6 and as per ITT24.2(r). <i>Note: Authorization letter from Manufacturer's Sales office (if located outside the manufacturing country) and Dealer/Trading house will not be accepted if not supported by Manufacturer's letter. In this regard, scanned paper, email copy, faxed copy & sealed signature will not be accepted. Manufacturer's signature in Authorization letter shall be hand written by pen i.e., signature through stamp/seal is not accepted. The Authorization letter shall mention e-mail address, telephone/fax and designation with detail address of the manufacturer representative duly signed in the manufacturer's official pad.</i></p>	As per tender document.
10	ITT 45.1 Last Date of Tender Submission	15/03/2021 at 11.00 AM	As per tender notice.
11	GCC 1.1 Effective Date (t)	"Effective Date" shall mean the date of opening of first Letter of Credit.	As per tender document.

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	GCC 1.1 (dd) Intended Completion Date	The Intended Completion Date is 365 (Three Hundred and Sixty-Five) days calculated from the "Effective Date" to acceptance of Commissioning and Guarantee test run.	
12	GCC57.1 Terms and procedures of Payment	Advance Payment: N/A	As per tender document.
13	IEC Standard (Page-537, 539,544 etc.)	During pre-delivery inspection the supplier also provide the latest IEC standard in both of hard and softcopy format to the pre-delivery inspection team at the manufacturing premises.	During pre-delivery inspection the supplier also provide the latest IEC standard in hard/softcopy format to the pre-delivery inspection team at the manufacturing premises.
14	VAT & IT	In the price schedule: 6, serial no-6, page:-163, it is mentioned VAT+IT: 12.5%	As per tender document.
15	Note: 5 (in price schedule, page-152 etc. & in BOQ page no-262 etc.	Note: 5 in price schedule- <i>"The actual quantity will be supplied by the turnkey contractor to complete the work. If additional quantity is required (for completing the work) no extra payment will be made. If the quantity is less than the amount, will be deducted from the bill or be delivered to NESCO store"</i> .	<i>"The actual item/quantity will be supplied by the turnkey contractor to complete the work. If additional item is required (for completing the work) no extra payment will be made. If the required quantity is less than the mentioned amount, will be deducted from the bill or be delivered to NESCO store"</i> .
16	GTP No 8.01 Serial No-64 (Page-555)	All current carrying parts of VCB shall be made of Copper.	Terminals are made by Copper/Al-Alloy and all other parts are made by Copper.
17	GTP No 8.18 (Page-597)	In this GTP both 10/13.33 MVA & 20/26 MVA are together. Request you to amend the GTP for 10/13.33 MVA & 20/26 MVA in separate GTP.	10/13.33 MVA related row shall be omitted for this tender.
18	Section 8 GTP	GTP of 33 KV Outdoor VCB & 11KV Indoor Type Vacuum Breaker with Protection, Control & Metering Cubicles Manufacturer's name and country of origin of Vacuum Interrupter- To be mentioned	Manufacturer's name of Vacuum Interrupter- ABB/Siemens/GE/Schneider.
19	GTP No 8.22 (Row No. 7)	Numbers & Diameter of wires - Min 18 Wires	Numbers & Diameter of wires - Min 37 Wires
20	GTP No 8.23 (Row No. 8)	Maximum resistance at 30 deg. C - 0.153 Ω/KM	Maximum resistance at 30 deg. C - 0.1964 Ω/KM
21	GTP No 8.23 (Row No. 12)	Approximate outer diameter - 20.0 Mm	Approximate outer diameter - 19.4 mm
22	GTP No 8.23 (Row No. 13)	Approximate weight - 1340 Kg/KM	Approximate weight - 1129 Kg/Km
23	GTP No 8.23 (Row No. 15)	Current rating at 30 deg. C ambient temperature U/G - 310 Amps	Current rating at 30 deg. C ambient temperature U/G - 270 Amps
24	GTP No 8.23 (Row No. 16)	Current rating at 35 deg. C ambient in air - 350 Amps	Current rating at 30 deg. C ambient temperature U/G - 300 Amps
25	GTP No 8.26 (Row No. 10)	Maximum resistance at 30 deg. C - 1.90 Ω/KM	Maximum resistance at 30 deg. C - 3.20 Ω/KM

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26	GTP No 8.27 (Row No. 10)	Maximum resistance at 30 deg. C - 1.19 Ω/KM	Maximum resistance at 30 deg. C - 7.69 Ω/KM
27	GTP No 8.27 (Row No. 15)	Approximate outer diameter - 24 mm	Approximate outer diameter - 20 mm
28	GTP No 8.27 (Row No. 16)	Approximate weight - 1140 Kg/KM	Approximate weight - 1040 Kg/Km
29	GTP No 8.28 (Row No. 16)	Approximate weight - 1430 Kg/KM	Approximate weight - 1630 Kg/Km
30	GTP No 8.18 (Row No. 27)	AVR Relay - MR, Germany	AVR Relay - MR, Germany/ ABB, Sweden


 (Md. Mizanur Rahman)
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Copy to:

1. Managing Director, NESCO, Rajshahi.
2. Executive Director, Technical, NESCO, Rajshahi.
3. Chief Engineer, Services, NESCO, Rajshahi.
4. Project Director, Rangpur Division Distribution Project, NESCO, Rangpur.
5. Superintending Engineer, Design & Inspection, NESCO, Rajshahi.
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