



নর্দান ইলেকট্রিসিটি সাপ্লাই কোম্পানী লিমিটেড

Northern Electricity Supply Company Limited  
(An Enterprise of Bangladesh Power Development Board)  
প্রকল্প পরিচালক এর দপ্তর, স্মার্ট প্রি-পেমেন্ট মিটারিং প্রজেক্ট

বিদ্যুৎ ভবন, হেতেম খাঁন, রাজশাহী: ৬০০০, ফোন: ০২৪৭-৮১২৬৯০।



## Meeting Minutes of Pre-Tender Meeting on 29-09-2020 for Package 02 & 03

Publication Ref: (1) NESCO/PD-SMP/2020-2021/84 Date: 03.09.2019 (Package No: 02)  
(2) NESCO/PD-SMP/2020-2021/85 Date: 03.09.2019 (Package No: 03)

Presided Over By : Md. Abdul Aziz, Executive Director, NESCO, Rajshahi.  
Date & Time : 29-09-2020 & 11:00 AM  
Place : Online Video Conference (Zoom Platform)

A Pre-Tender meeting for package 02 & 03 was held on 29-09-2020 seeking and addressing question & clarification by the Tenderers. The meeting was presided over by honorable Executive Director, NESCO, Rajshahi. Following members (As below) and Participants from different national / international companies were present at that meeting.

01. Dr. Ziaur Rahman Khan, Professor, Department of Electrical & Electronics Engineering, BUET, Dhaka.
02. Dr. Md. Mamunur Rashid, Professor, Department of Computer Science & Engineering, Dhaka University, Dhaka.
03. Md. Abdul Aziz, Executive Director (Technical), NESCO, Rajshahi.
04. Md. Abdur Rouf Mian, Director (Sustainable Energy), Power Cell, Power Division, Dhaka.
05. Md Mozaharul Islam, Project Director, Pre-paid Metering Project (Comilla & Mymensingh Zone), BPDB.
06. Shamim Ara Begum, Superintendent Engineer, Design Circle, DPDC.
07. Project Director, Smart Pre-payment Metering Project, NESCO, Rajshahi.
08. Representatives of National & International Companies.

Many questions were raised, discussed and finally responded by NESCO authority one by one. Finally, the meeting ended with a conclusion that NESCO will attend written questions asked by the Participants within 03-10-2020 and will respond back in written as deemed appropriate.

The questions and answers are attached here with (Separately).

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## NESCO 5 Lac Smart Pre-payment Meter Project (Package 02 & Package 03) Pre-Tender Meeting Observation Summary

Tender Memo No: NESCO/PD-SMP/2020-2021/84    Date 03-09-2020 (For Package 02)  
 NESCO/PD-SMP/2020-2021/85    Date 03-09-2020 (For Package 03)

Sl	Page No	Topics	Tenderer's Queries	Clarification from NESCO
1	Page 46	22 a) The Meter, DCU, HES and AMI Billing Solution of the Tenderer must need to integrate successfully with the Purchaser's System in the demonstration to ensure Interoperability.	All this chapters conflict with the description in the 6.2.5 (Page 192), in chapter of 6.2.5 the prepayment function will be implemented in the system, but all this chapters are meter prepayment functions or the related description; please delete all of	NESCO will provide necessary API for interfacing.
2		6.2.12.5, 6.2.12.10, 6.2.12.13, 6.2.12.14, 6.2.12.17 TOU;	All this chapters conflict with the description in the 6.2.5 (Page 192), in chapter of 6.2.5 the prepayment function will be implemented in the system, but all this chapters are meter prepayment functions or the related description; please delete all of them;	All type of Meter calculation and accounting will be calculated centrally by Server (Billing Solution).
3	Page 210	6.2.15 software requirement	It conflicts with 6.2.5, and what is the purpose to put this chapter here, there is no relation with the meter specification;	All type of Meter calculation and accounting will be calculated centrally by Server (Billing Solution).
4	Page 224	optical port Meter should have active RS485 port for remote communication	Remote communication is supported by PLC or GPRS, this is AMI meter and system, no necessary to equip a outdated R485 port ; please delete it;	RS 485 port is not required.
5		6.2.21.4 6.2.21.9 6.2.21.10 6.2.21.12 6.2.22 6.2.22.4	All this chapters conflict with the description in the 6.2.5 (Page 192), in chapter of 6.2.5 the prepayment function will be implemented in the system, but all this chapters are meter prepayment functions or the related description; please delete all of them;	All type of Meter calculation and accounting will be calculated centrally by Server (Billing Solution).
6		ITT 14.1 (a) NESCO requirements for	In this connection, we like to inform you that DCU is customized products and Quires:	
7			a) Kindly check and clarify whether type test report of DCU can be provided from any accredited Independent Testing Laboratory instead of existing. b) Please note that most of the above are applicable for smart meter only. So please delete "DCU" from above clause. c) Please check and confirm test standard of DCU. Whether we can conduct type testing as per according to IEC 62052-11:2003, IEC 62053-22:2003, IEC 62053-23:2003. 3) Refer to Page No.: 45 ITT Clause No.:24.2(r) under Sl. No.: 21b) NESCO requirements is- The manufacturer shall submit the test report of the offered meter on pre-payment mode as per IEC 62055-31 or SANS 1524-1 from any accredited Independent Testing Laboratory that includes the following test with results (but not limited to): i. Functionality Test ii. Load switching Test	Tenderer need to submit Type test report of DCU from mentioned Lab (ITT 24.2 r; 21) or equivalent of any Internationally reputed Testing Lab.
8			Note that the above tests are applicable for the smart meter with keypad. Since this time NESCO require smart meter without keypad hence, the smart meter cannot get this kind of test certificate. So you are requested to confirm whether you need smart meter with keypad or not. 4). Refer to Page No.: 148 we have seen that DCU quantity is mentioned 1204 Nos. (Lot-2) & 1099 Nos.(Lot-3) respectively. Please clarify us for ensuring dedicated communications, if more DCU is needed, in that case whether NESCO will bear additional cost of additional DCU.	Tenderer need to provide the required number of DCU as per Schedule of Requirement & Price Schedule to complete the Turn Key job. If any additional DCU required for additional transformer Procuring entity will consider.
9	ITT 18.1 Page 42	"The Payment shall be made through LC in case of foreign import and locally in taka in case of local supply or services as per tender price schedule. The Tenderer must mention in the JV agreement how they would like to receive such payment".	In this connection we like to draw your kind attention that previously we have executed many International contracts with Bangladesh Rural Electrification Board(BREB) and Dhaka Electric Supply Company Ltd., (DESCO) forming Joint Venture(JV) with local & foreign company. During execution of contracts, BREB/DESCO had issued Letter of Credit in favor of each/any partner of JVCA. In the case of foreign JV partner, Purchaser had issued LC in favor of any partner of JVCA as per joint venture agreement. Subsequently we had open LC in favor of our foreign partner/manufacturer to supply materials directly to the consignee. Please see the followings:	As per Tender document.
10	Page No. 119	The payment of the foreign currency, NESCO Requirement is – "Cost of Contract Price will be made as under:  The foreign exchange component of the Contract Price will be paid out of an irrevocable and unconditional Letter of Credit to be established in favour of the Lead Partner".	Under view of the fact we humbly request you to make an amendment on Terms of Payment of Bid document as follows so that any partner of JVCA can receive Letter of Credit from you for their payment and can complete project in time: The payment of the foreign currency, "Cost of Contract Price will be made as under: "The foreign exchange component of the Contract Price will be paid through irrevocable and unconditional Letter of Credit to be established in favour of the any Partner according to Joint Venture Agreement".	As per Tender document.

11	Page No. 160	Technical proposal (General), NESCO requirement is mentioned : ii) Drawings in plan and elevation of the complete AMI system and supporting equipment showing arrangement of equipment, overall dimensions and details of construction. iii) Design criteria for structures (Data Center, Disaster Recovery Center etc. and software.) iv) Schematic diagrams of the following systems mentioned in Section -6 v) Electrical schematic diagrams of the following.	Refer to Schedule of Rates & Price under Page No. 148 to 149, except server (for HES) no need to supply any other IT equipment & Data Center, Disaster Recovery Center etc, please confirm.	As per Tender document.
12		ITT clause 14.1a, the tenderer also need to submit the type test report for the offered DCU from any reputable international testing organization as per ITT 21.1(q)	Star kindly and sincerely NESCO to amend it as "the tenderer also need to submit the type test report for the offered DCU from any reputable international testing organization recognized by CNAS (China National Accreditation Service)"	Tenderer need to submit type test report of DCU from mentioned Lab ((ITT 24.2 r; 21) or equivalent of any Internationally reputed Testing Lab.
13		Page 158 Price schedule 7 Recommended Spare Parts Page 134 Tender submission letter	We would like to know whether the total tender price(ITT26.1)in the tender submission letter shall include the amount for recommended spare parts.As per PCC 36.3 ii, the cost for recommended spare parts will not be taken into account during tender evaluation	As per tender.
14	ITT 14.(a) section-2, page-39	"A Tenderer is an entity engaged in meter manufacturing for at least 15 Years experience in conducting business operation in similar Power Utility."	Concept of Pre-payment/Smart Pre-payment and AMI Meter is very recent. Not many manufacturers are found who have 15 years manufacturing experience. So, we propose for 10 Years experience for both manufacturer/tenderer to make the bid more competitive through wide participation.	As per tender.
15	ITT 14.(a) section-2, page-39	A Tenderer is an entity legally registered and engaged in meter manufacturing.	It is most unlikely that a meter manufacturer shall possess all the required qualification for execution of a turn key job i.e. shall be technically sound, financially capable and management experience. There are lot of contractors who are not manufacturer, but have more than 10 years experience as Turnkey Contractor for supply, installation, testing and commissioning of Pre-paid/ Smart Pre-paid / AMI Meter. So, our request is to withdraw the bar of "must be manufacturer" and make the tender free for those who have sufficient experience of execution of similar project, financially capable and have project management experience.	As per tender.
16	ITT 18.1 Section-2, page-42	"JV shall nominate the Lead Partner (must be a manufacturer of meter) as REPRESENTATIVE (MOU Between partners regarding Lead Partner shall be submitted) being entrusted with the contract administration and management at site who shall have the authority to conduct all business for and on behalf of the all partners of the JV." On the other hand clause ITT 18.2(c) reads as under: (c) "One of the partners will be nominated as being	Contents of clause 18.1 and clause 18.2(c) are self contradictory to each other. In fact concept of Clause 18.2(c) should prevail over clause 18.1.  It is evident from the clause 18.2(c) above that the members will select a Lead Partner. So, we think that, members will choose a Lead Partner who has the experience of turnkey project management and will have the ability to support a turnkey project and will have the financial ability to manage a project. It is vital to keep the option open for nominating the Lead Partner through the discussion between the members rather than restricting it to make the meter manufacturer as the Lead Partner.  Hence the clause 18.1 may be amended and nomination of Lead Partner may be left with JV Partners only.	As per tender.
17	Appendix 1.3 Payment of Foreign Currency Page-119	The foreign exchange component of the Contract Price will be paid out of an irrevocable and unconditional Letter of Credit to be established in favour of the Lead Partner.	In our country very often it happens that Lead Partner of the JV delegates power through execution of a Separate Power of Attorney authorizing any other local partner of the JV to receive payment through L/C against contract. Also it is a common practice of the local banks to open L/C in foreign currency and payment is made through Foreign Demand Draft (FDD) drawn on Bangladesh Bank. So, it may not be mandatory that the beneficiary of the L/C in Foreign Currency must be opened outside the country. In Bangladesh now buy and sale of Foreign Currency is done in open market. It is now a regular practice that Foreign Currency transaction is done bank to bank through L/C or any other banking instrument. As evidence, a few copy of L/C, Power of Attorney and Foreign Demand Draft (FDD) are enclosed in support of our above statement. As evidence, a few copy of L/C, Power of Attorney and Foreign Demand Draft (FDD) are enclosed in support of our above statement.	As per tender.
18			A long national holiday (National Holiday & Mid-Autumn Festival), COVID 19 pandemic issue requesting for 25 days time extension.	As per tender.
Tender Memo No:				