

Memorandum of Information version 1.0			
European TenderDistribution Automation Light box (DALI-box) Enexis			
Because of the content of the questions Enexis has received so far, Enexis has decided to publish the 1st version of the Memorandum of Information (Moi) sooner than the date mentioned in the Invitation to Tender (IT) document. Even sooner than the date on or before which the questions should latest be asked (see par. 3.1 of the IT document). All following questions that Enexis will receive on or before the afore mentioned date, will be added to this Moi-document and will be published in a new version of the Moi (version 2, 3, etc.).			
Nr.	Chapter nr/paragraph/ annex	Question	Answer
1	Annex 3	We would like to know if the Contracting Authority is interested and open to appliance of other protocols than mentioned in Ch. 1.2.1 (IEC 60870-5-104 or JSON over WS)?	No, only protocols based on IEC 60870-5-104 or JSON over WS are accepted.
2	Document Accompanying letter Par. 1.6.1	Please indicate if the following activities are part of the contract: -the physical installation and connection of the Dali boxes inside the secondary substations (MV/LV).	No, this activity is not part of the contract.
3	Document Accompanying letter Par. 1.6.1	For the implementation of each Dali box, the substations have to be checked, whether the standard signals of the Dali box corresponds with the actual connection specs. of the secondary substation. Please indicate if these activities are part of the contract?	No, this activity is not part of the contract.
4	Document Accompanying letter Par. 1.6.1	If it appears that adjustments are needed in the secondary substations, are the corresponding Electrical engineerings activities and Electrical wiring activities part of the contract?	No, this activity is not part of the contract.
5	Document Accompanying letter Par. 1.6.1	Are the mentioned field staff employees from Enexis or part of the scope of the contractor?	The mentioned fieldstaff employees are part of Enexis and are not part of the contract.
6	Annex 4 2.1 Cellular Standard	Is it a minimum Requirement that the communication unit supports 4G communication technology?	Yes, 4G is a minimum requirement.
7	Tenderdocument	Bij het bestuderen van het tijdsplan van de tender procedure, is het ons opgevallen dat er slechts twee weken liggen tussen het moment van "Sending out Memorandum of Information" op 23-9-2016 en het moment van het indienen van de offerte op 7-10-2016. Dat betekend dus dat er slechts twee weken tijd is om te anticiperen op de nieuw verkregen informatie. Om een goede aanbieding te kunnen doen is dat voor ons te kort. Ons verzoek aan Enexis is om de inleverdatum van de offerte in deze procedure een week later te plannen. Zodoende kunnen we een passende, kwalitatief betere, aanbieding maken. Translation by Enexis: In studying the timeline of the tender procedure, it is noticed that there are only two weeks between the time of "Sending out Memorandum of Information" on 23-9-2016 and the time of submitting the tender on 7-10-2016. That means that there's only two weeks to anticipate the newly acquired information. To do a good offer this is too short for us. Our request to Enexis is the postpone the submission of the tender/offer with one week.	Enexis will seek to advance the placement of the information notice. This, however, is dependent on the number of questions asked. The possible move of the deadline for submitting tenders will be made depending on the extent of changes to initially published specs.D19
8	Annex 3	Voor het Enexis smart meter project bleek gaande weg dat M2M modems met alleen 4G CAT1 ondersteuning gebruikt konden worden. De fall-back naar 2G of 3G werd optioneel. Uit de DALI specificaties begrijp ik dat de fallback naar 2G en 3G vooralsnog niet optioneel is, maar een harde eis. Kunt u bevestigen dat voor het DALI project een afwijkende specificatie (wat betreft de fallback) wordt gehanteerd ten opzichte van het Enexis smart meter project? Translation by Enexis: During Enexis smart meter tender it was revealed along the way, that only 4G CAT1 M2M modems should be used. The fallback to 2G or 3G became optional. The DALI documentation specifies that fallback to 2G and 3G is not optional, but a hard requirement. Can you confirm a different specification (in terms of fallback) for DALI project compared to the smart meter tender?	Enexis has investigated this and concluded that the LTE only devices we will use in our smart meters, meet our requirements for the Dali box as well. If a vendor already has a mature and developed multi-RAT product that is 2G/3G/4G capable, the 2G/3G support is not seen as a drawback or awarding functionality, however 2G/3G capabilities must then meet several requirements which are marked as optional (optional meaning 'not required' for an LTE only device, since those requirements are not applicable whereas for a multi-RAT device that is 2G/3G/4G capable they remain mandatory). A new version of the requirements document for the communication module has been included in this Information Notice. Changes compared to the previous version: • Requirement GUL1 has been reformulated to keep LTE mandatory, and 2G/3G support optional. • Requirement G2 has been made optional, with a note that it remains mandatory for 2G capable device. • Requirement U2 has been made optional, with a note that it remains mandatory for 3G capable device. • Requirement GUL6, a note has been added to parts in fit criteria which are applicable only for 2G/3G capable devices. • Requirement GUL12 has been made optional, with a note that it remains mandatory for multi-RAT capable device. • Requirement GUL31, a note has been added inside fit criteria to define LTE KPIs as mandatory and 2G/3G KPIs as optional, due to applicability for 2G/3G supporting devices.
9	Tenderdocument	Pre tender information meeting: When this will be held?	Pre-tender meeting will only be organised if in the opinion of Enexis this is thought necessary. For now, no pre-tender meeting is planned so far.
10	Annex 3	Will the Last Gasp solution (i.e. a Battery) separately tendered via Tendered.nl? As far we have read the documents this item is not in the scope of the delivery of the DALI box.	The Last Gasp solution is actually part of the tender, should however be offered separately. Refer Annex 3, Technical specification art. 1.6.6 and Annex 12, Reply format, tab Price sheet, part E.
11	Tenderdocument	Kunt u bevestigen dat er voor deze tender geen voorafgaande kwalificatie fase is, en dat de kandidaten geacht worden onmiddellijk een offerte in te dienen tegen uiterlijk 7 oktober? Translation by Enexis: Can you confirm that for this tender is not a pre-qualification phase, and that the candidates are supposed to immediately submit a proposal no later than October 7?	This tender does not have a separate pre-qualification phase. Proposal should be submitted directly.
12	Annex 3, 1.2.1	We support IEC 60870-5-104. There are some differences between our and Enexis implementation. Is this a problem?	Our 104 PID is mandatory and needed for a correct working alarm handling functionality of the Enexis central system. Correct deployment of protocols by Tenderer must be proved through test certificates. This however is accepted after awarding (ref. Annex 3 - 1.2.2 and 1.2.3).
13	Annex 3, 1.2.2	We have a document "ATTESTATION OF CONFORMITY" from DNV/GL. Is this sufficient?	Our 104 PID is mandatory and needed for a correct working alarm handling functionality of the Enexis central system. Correct deployment of protocols by Tenderer must be proved through test certificates. This however is accepted after awarding (ref. Annex 3 - 1.2.2 and 1.2.3).
14	Annex 3, 3.1.5	No, we have 0,5 KV line/line, 1KV line earth. Is this sufficient?	The DALI box should be immune for requested surges (1,2/50us) 2 kV CM and 1 kV DM; Lower overvoltages are not acceptable.
15	Annex 3, 3.2.1	We give 2 years warranty on the products. We also provide "Mean time between failures" (MTBF values) of the products. Is this sufficient?	MTBF values only are not sufficient. The technical life time over 10 years of the DALI box should be specified in relation with the expected cumulative failure rate over 10 years. So the relation between MTBF value and the life time of 10 years should be explained in terms of failures.
16	Annex 1.3.7.	We doubt if the specification Load 16 A Class AC2 is correct. Can you confirm that the specification is correct?	The specification of DO(3) for tariff control should be 16 A Class AC1 (control of resistive loads).
17	Tender Document - DA Light box V1.00 Final Chapter 3.1 Planning	ENEXIS ask to produce demo DALI-box for the third phase of the assessment, based on the result of selection on Phase 2. Following your planning on Par.3.1 the available period to develop/customize a DALI-box demo is limited to 1 month (starting 15-11-2016, ending 23-01-2017 with end-of-year holidays in between). We kindly ask to extend this period at least to 3 months, in order to test the modifications added to our existing RTU.	At this point in time Enexis is of the opinion that it is not necessary to extend the time period for producing the DEMO-box. Enexis holds the right to extend this period when profound reasons may arise and if Enexis deems necessary.
18	Annex 3_Technical specification DALI v1.0 Chapter 1.3.5	The protocol IEC 62056-21 (DSMR v5.0.2) is it mandatory for the DEMO box? Could we assume that it will be implemented on a second phase?	If the Tenderer has indicated that his DALI-box supports this protocol, the DEMO box shall support the read-out of smart meters through the P1 port at the demo-assessment. The protocol used for the read-out is DSMR v5.0.2 Final P1. Note however that this requirement is type AC and not mandatory.