**1.If we export a project to D84 or D86 format and EP is having original value is 11.667, it is coming as 0.007 if we open in GAEB online tool.Also, if we are giving 11.650 then it is coming as 0.00. What is the actual value we have to inject to TML to get exact value?**

**Ans**. We save all data in tml-Document as strings (so we can save even incorrect inputs/files). Please save numeric values in tml as string, for example 12345,67.

**2. Menge, EP,GB are coming as zero[When converted into TML] and kurztext and long text are coming as empty in D84 format. Is this correct?**

**Ans**. To avoid redundancy (data is present in D83), Kurztext and Langtext are not exported to D84 (by GAEB documentation). Menge, EP and GB should NOT be zero, but I think it has to do with Ad. 1.

**3. Position KZ coming as empty in D84 and P84 format. Is this correct?**

**Ans**. I’m not sure, what do you mean by Position KZ. Please clarify. Do you mean “item type” (Positionsart), “additional item codes” (zusätzliche Positionskennzeichen) or Identification of Text Supplements for Standard Texts (Kennzeichen für Textergänzung)?

**4. GB is coming as "nur EP" sometimes for the exported file in GAEB Online. Can you please explain the scenario, when this will occur?**

**Ans**. It’s possible in “provisional item” (Bedarfsposition) or in alternate variant item (Alternativposition). In this case, an item has only unit price (without total)

(per GAEB documentation 2.7.5.3):

**Provisional Item**

In a provisional item, the client describes construction work that will be executed only if it

proves necessary. Only construction work the necessity of which, despite all on-site and

technical expertise, cannot yet be determined at the time the bill of quantities is

generated may be included in provisional items. Provisional Items may only be included

in a bill of quantities when, based on experience, they could prove necessary to the

execution of contractual obligations.

In accordance with the particular guidelines specified, all the provisional items in a bill of

quantities must be uniform, specifying either a unit price without an item total or a unit

price with an item total.

The item type is identified as

Provisional Item without IT or

Provisional Item with IT.

(per GAEB documentation 2.7.5.2):

Basic Variant and Alternate Variant (Grund- und Alternativposition)

The basic variant is the part of an item description for which the client provides one or

more alternate variants in the bill of quantities.

An alternate variant to a basic variant can comprise one or more work items called

alternate work items.

The bidder must offer the basic variant and all the alternate variants. The client generally

decides on the variant before awarding the contract. Alternate variants must not be

included in the bill of quantities as a means of inquiring after prices or in order to

compensate for inadequate planning.

In order to keep an alternate variant from being included in the total bid price, the flag

“unit price only” appears in place of the item total. In the case of a lump sum item, the unit

price is replaced by the lump sum price. An alternate variant can also have the status

“accepted”.

You can purchase English version of GAEB documentation here (GAEB-XML, V.3.0): http://www.beuth.de/de/technische-regel/gaebxml/91381713

**5. In D Format, we are getting Position "A" as "WAHLPOS(4294967295.1)", whereas it is displayed as Normal Position in “P” Series. Please explain, is this correct?**

**Ans**.“A” is Alternativposition (Alternate Variant). It should be recognized as “alternate variant” in both formats (GAEB90 – “D”, and GAEB2k – “P”).

In order to be properly recognized, you need to provide proper values in Fields “ZZGruppeNr” and “ZZLfdNr”.

(per GAEB documentation 2.7.5.2):

ALN (ZZGruppenNr): ID of the allocation number for a work item

ALNB (ZZLfdNr): ID of the allocation number for a BoQ category

The allocation number following the "ALN" or "ALNB" ID links the basic variant to the

alternate variants.

The allocation number has a maximum of four digits:

Digits 1-3: Group number identifying associated basic and alternate variants.

Digit 4: Serial no.: “0”

Basic variant “1” to “9” First to ninth alternate variants

**6.Clarification required on the below Scenario : Position with Spaces to be assigned to the immediate Stufe. But while giving input, we are giving as 1.\_\_. We are getting it as 1.**

**Please find the below scenario as example.**

**1**

**1.\_.**

**1.\_.10**

**1.\_.20**

**1.\_.30**

**If above is the input as TML, Output is coming in the below way.**

**1.**

**1.**

**1.\_.10**

**1.\_.20**

**1.\_.30**

**Due to this all the LV-positions are getting assigned to 1 instead of 1.\_.**

**Ans**. It’s an incorrect Structure. If one level in structure is unassigned, there can’t exist an object for this level.

The proper way is:

1

1.\_.10

1.\_.20

…

Or

1.

1.01.

1.01.10

1.01.20

…

Please keep in mind, that in first example the items follows directly a top level group. If you provide next group level, all items needs to have a corresponding number, to higher level group (example 2)