



RUNE PROJECT CALL

**REQUEST FOR FINAL OFFER
for
OTHER PASSIVE MATERIAL**

**Questions and answers
V3_14062019**

June 2019

LOT 1

- Question 1** On page 6 in Technical specifications, for cast iron frame and cover it says that it should be clear opening of min. diameter 70 cm if fit is round. Is that a mistake, because on previous page it is written min. diameter of 60 cm if fit is round?
A: 60 cm is right.
- Question 2** On page 5 in technical specifications, for manhole D1 150kN, it is written that if the manhole is made of plastic, it needs reinforced supporting element. Is it mandatory to offer that reinforced supporting element, if we can offer a manhole with the cast iron frame directly above it.
A: The proposed technical solution is acceptable.

LOT 2

- Question 3** What is the dimension of corrugated protecting sleeve?
A: The dimension is 12mm internal diameter.
- Question 4** What is the diameter of incoming cable for Multi tube cable divider?
A: Maximum 10,5 mm.
- Question 5** What is the dimension of sub-section cable?
A: Adequate to keep 8x12fibre sub-ducts (cable members).
- Question 6** Jacket of pigtails and patchcords (LSZH): OFNR or OFNP version?
A: OFNR version
- Question 7** Should the adapters be already mounted in the adapter plate or there is no need for it?
A: Yes, the adapters should be already mounted in the adapter.
- Question 8** Should the pigtails be already mounted/connected in adapters or is enough that are just packed separately?
A: Yes, the pigtails should be mounted/connected in adapters.
- Question 9** Will the pigtails be in bundles and will they be later put in the protecting tube?
A: Yes, the pigtails will be in bundles. No, they will not be put in the protecting tube.
- Question 10** Will there be the cable sub-tubes in the splice modules?
A: Yes, the cable sub-tube must be fixed to the splice cassette.
- Question 11** Is there need for patch panels to be made with telescopic guides or is there okay to be »slide version«? Technical PDF with »slide version« is attached for easier reference.

A: Slide version is also ok.

LOT 4

- Question 12** **4.2. pole mounted splice closure:** What is the diameter of incoming cable?
A: The diameter is maximum 10mm.
- Question 13** **4.3. customer optical distribution box:** Is there a typo mistake for the dimension of box? Width of the box is only 30 mm?
A: Yes, there is an error, 300 mm is the correct size.
- Question 14** **4.2. pole mounted splice closure:** Should the fixation tape be included in the offer as a part of the closure or the closure has to be just prepared for fixation?
A: The fixation tape should be included in the offer.
- Question 15** PAN Type 2: it is stated that cabinet should have minimum 108 connections, minimum 72 splices and 3 splice cassettes. Is there a misunderstanding, since the number of connections and splices are not the same? And if there is 108 connections/splices, there should be 5 cassettes and more adapters and pigtails?
A: No, there is no misunderstanding, we just foresaw some extra space to add additional cassettes and free supporting holes for additional connectors.
- Question 16** Are aluminium cabinets also acceptable?
A: Yes, they are.
- Question 17** Could we offer a double door std outdoor cabinet where distribution and connection sections are located side by side instead of on top of each other. Are you open for alternative solutions?
A: Yes

LOT 6

- Question 18** Does it makes sense to offer splitters in case the splitter specifications do not comply to the listed specifications on page 23? For example the attenuation requirements (incl. connector) seem to be unrealistic. Attached are the proposed attenuations. Are they acceptable?

Optical characteristics splitter

1xn Splitter

Port configuration		1x2	1x4	1x8	1x16	1x32	1x64
Operating wavelength	(nm)	1260~1650					
Insertion loss (P-Grade)	(dB) max	3.8	7.1	10.2	13.5	16.8	20.1
Loss uniformity	(dB) max	0.4	0.6	0.8	1.2	1.5	2.0
Polarization dependent loss	(dB) max	0.2		0.3		0.35	
Return loss	(dB) min	55					
Directivity	(dB) min	55					
Temperature stability -40~85 °C	(dB) max	0.5					

Note: add an additional 0.3 dB loss per (grade C) connector

A: Insertion losses according to the following table + 1 % are still within acceptable range.

LOT 7

Question 19 Could you send outer diameter (OD) for each ADSS cable and example of drawing for each set?

A: Any ADSS and any clamp diameter that suits the technical requirements is ok. We do not prescribe or impose an example of a drawing. The bidder is free to offer multiple solutions.

LOT 9

Question 20 Patch Cord's Jacket: Loose Tube or Tight Buffer?

A: Loose tube.

Question 21 Can the diameter of patchcord be 3.0 mm to replace 2.8 mm?

A: Yes.

Question 22 Fiber Brand: Corning or other brand?

A: ITU-T G.657A1, according to technical specifications, defined in the Technical requirements.

Question 23 Are the patch cords Duplex as they are marked in Agreed_min_Technical_Specifications or Simplex as they are marked in Appendix_1_Price_list_and quantities?

A: The patch cords must be simplex.

Other:

Question 24 Is there a possibility of getting your documentation for uniform Type 1,2 & 3 RUNE key for the integration in our solution?

A: The type of key is not predefined, the supplier is free to propose its solution. The only request is that all keys for same type are the same.

Question 25 Do the certificates have to be translated in Slovenian and Croatian languages by an

official translator with license? (judicial translation)

A: We will require official translation from the selected suppliers. For the submission of the offer you do not need to provide an official translation but in case you are selected we will ask you to do so.

Question 26 In the supply agreement in article 4 it is stated: *»The Supplier must declare exactly The conditions, instructions and limitations, under which the supplied materials should be transported, stored, managed and installed in the Supplier's guidelines and/or instructions for handling and installation (Appendix 6).«* Are these guideline/instructions obligatory or is there no need for it, if there are not any special instructions from our (supplier) side?

A: Please read the whole article 4, not just this paragraph - instructions are not obligatory. "The Supplier must declare exactly the conditions, instructions and limitations, under which the supplied materials should be transported, stored, managed and installed in the Supplier's guidelines and/or instructions for handling and installation (Appendix 6). **Any storage, management, installation, transport or other type of handling of Material is to be considered correct, if instructions (Appendix 6) are not given or unclear.** "

Question 27 *Up to 3 partial unloads in three different regional warehouses are included in the price.* – > How many deliveries must we consider in our calculation to your locations? Three altogether or three on each location (nine altogether)?

A: You have to calculate the cost of delivery of each pallet, which could be partially delivered to 3 different locations.

Question 28 Appendix 3 – the Prospected delivery plan is a requested document, which we should submit; you said – to be provided by Rune to the chosen contractor. Does that mean we don't have to submit this plan?

A: Correct. Just sign Appendix 3 (the sheet that we provided) so that you confirm you agree with the fact that you will be given the time plan later on.

Question 29 Please just confirm that we can submit the translated guidelines at least at the first delivery?

A: Yes, confirmed. You can send English version now and translate it in national languages in case you are selected as a supplier.

Question 30 In the appendix 1 – Price list and Quantities – a bidder has to declare the lead time (in days) for each of offered materials. Does the lead time refer to whole quantity or it is only estimated time for a first delivery? It is a little bit confusing, since I didn't find any information whether it influences the general score of the bidder or not.

A: The lead time must be not more than 90 days for the first delivery and also not more than the same term for the successive deliveries, as it is stated in the Supply Contract. The lead time doesn't influence any score as long as it is within 90 days. Bidders, who will

not be selected as preferred suppliers, will be asked to be back-up suppliers. In that case, we will also take into account the lead time, and suppliers with shorter lead time will be put first on the list.