

R: Visit organization and Information request

GIANNI PICCHI <gianni.picchi@cnr.it>

ven 12/04/2024 15:29

A:Bengt Sörvik <bengt.sorvik@otmetka.com>

Cc:Arnau Picó <arnau.pico@ctfc.cat>;Jakub Sandak <jakub.sandak@innorenew.eu>;Antonio Ruano <antonio.ruano@ctfc.cat>;Björn Syren <bjorn.syren@otmetka.com>;Gunnar Back <gunnar.baeck@otmetka.com>

Dear Bengt,

first of all, I hope that your father-in-law is doing better.

Moving to work, I regret to say that the technical report you provided is not nearly sufficient to justify the stated personnel effort and direct costs. Nor to make me less nervous regarding your progresses and your capacity to fulfill in time the tasks assigned.

I really hope that you will prove me wrong!

To do so, we will extend the scope of our trip scheduled on the 29th and 30th of April in Uppsala, which will include:

- control and scanning of harvester and processor head (as planned);
- visit to the manufacturing site of the logmarker, which according to your statement will be in construction;
- check the dummy marker for MICROTEC, which should be done already (unless already shipped to Italy);
- check the development of the loghammer (if any);
- visit to any other workshop involved in hardware developments for SINTETIC.

A comprehensive list of the minimum items to be checked will be provided next week. We will travel on Sunday 28th and leave on the 30th evening (18:45) thus we will have a full working day and at least the morning of the next day to complete the visits. Myself, Dr. Sandak and a colleague of INNO will participate. While scanning is done by INNO, I can travel to the different sites to be visited. Dr. Sandak will decide on a second moment which of the two activities will attend.

It does not matter if the workshops are not closely located. It will be your task to organize the schedule in order to fit all the necessary visits. We will rent a car for the purpose. And where necessary, we can arrive and leave from different airports, in order to cope with the large distances in Sweden. This last information shall be provided by next Monday, otherwise we will purchase round tickets for Arlanda.

I must pinpoint that this trip we are forced to do at your facility is as urgent and necessary as unpleasant and untimely. It is of the utmost importance that every technical doubt is cleared with technical evidence, not with talks and justifications.

Regarding all software developments, we will organize before the field trip a Teams where your team will report task by task the work done, the starting point and the progresses achieved.

This meeting will be attended by technicians of CNR, LAMMA, CTFC or INNO selected in order to have the necessary competences on each specific work to provide an evaluation of the quality of the work and an estimate of the effort required.

In the case of different programming languages and expertise used by your team (e.g. JAVA, Python, etc.), please, list us the details that will allow us to involve the appropriate colleagues. Any unclear understanding of the work done will have a negative impact on your evaluation, thus it is important for you to facilitate it as much as possible.

Also in the case of software, we will provide you with a list of the specific tasks that were expected from Otmetka and that will be the object of the review. You will also be requested to break down the expenses and personnel effort detailing them per each component of the overall work done.

Again, I hope that you will prove me wrong and that the workshops visits and the Teams reporting will clear out all of my "nervousness".

I regret to say that the consequence of an overall negative evaluation would be very severe.

Cheers

Gianni

Da: Bengt Sörvik <bengt.sorvik@otmetka.com>

Inviato: lunedì 8 aprile 2024 22:11

A: GIANNI PICCHI <gianni.picchi@cnr.it>

Cc: Arnau Picó <arnau.pico@ctfc.cat>; Jakub Sandak <jakub.sandak@innorenew.eu>; Antonio Ruano <antonio.ruano@ctfc.cat>; Björn Syren <bjorn.syren@otmetka.com>; Gunnar Back <gunnar.baeck@otmetka.com>

Oggetto: RE: Visit organization and Information request

Dear Gianni,

My report as you asked for.

//Bengt

From: GIANNI PICCHI <gianni.picchi@cnr.it>

Sent: Friday, April 5, 2024 12:16 PM

To: Bengt Sörvik <bengt.sorvik@otmetka.com>; Björn Syren <bjorn.syren@otmetka.com>

Cc: Arnau Picó <arnau.pico@ctfc.cat>; Jakub Sandak <jakub.sandak@innorenew.eu>; Antonio Ruano <antonio.ruano@ctfc.cat>

Subject: R: Visit organization and Information request

Caution! This message was sent from outside your organization.

Dear Bengt,
thanks for the update.

Besides the comments of Arnau, I have another point to rise: according to your interim financial report at M11 Otmetka already spent half of its total budget. Clearly, this must be justified with a corresponding technical work progress.

It goes without saying that this is not the case since we do not have a prototype of processor, nor a prototype of Log Marker, and not even a manual marker for the tests with MICROTEC's technology.

I am sure that I do not need to remark on how critical this situation is.

Unfortunately, the impression is that so far Otmetka had no progresses at all on the tasks committed in SINTETIC.

So I ask you to provide us with a very brief technical report of the work done and the achievements of such a huge staff effort.

Please, send us a written document by next Monday (8th April).

Best regards

Gianni Picchi

Da: Bengt Sörvik <bengt.sorvik@otmetka.com>

Inviato: giovedì 28 marzo 2024 22:36

A: GIANNI PICCHI <gianni.picchi@cnr.it>; Björn Syren <bjorn.syren@otmetka.com>

Cc: Arnau Picó <arnau.pico@ctfc.cat>; Jakub Sandak <jakub.sandak@innorenew.eu>; Antonio Ruano <antonio.ruano@ctfc.cat>

Oggetto: RE: Visit organization and Information request

Dear Gianni,

Marie has made a report for you. Look into the Excel sheet. If you have any further questions send them to marie.sorvik@otmetka.com, call her on Teams or use the mobile phone +46 70 8739991.

MVH / BR

Bengt Sörvik

OTMETKA

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Founder of FERNA Charitable Foundation

www.fernafoundation.org

From: GIANNI PICCHI <gianni.picchi@cnr.it>

Sent: Monday, March 25, 2024 7:11 PM

To: Bengt Sörvik <bengt.sorvik@otmetka.com>; Björn Syren <bjorn.syren@otmetka.com>

Cc: Arnau Picó <arnau.pico@ctfc.cat>; Jakub Sandak <jakub.sandak@innorennew.eu>; Antonio Ruano <antonio.ruano@ctfc.cat>

Subject: R: Visit organization and Information request

Caution! This message was sent from outside your organization.

Dear Bengt,

just a reminder: you should still provide us an answer to the questions of my email of 18th March.

Mainly, the first question regarding funding with a focus on the budget that should still be available for you out of the first payment of the project.

We also need a written report of the progresses done so far by Otmetka in task 2.3 (consistent with the budget declared).

Finally, in order to plan our trip to Uppsala, we would need as soon as possible a confirmation of the delivery date of the machine. I know this does not fully depend on you, but it is important to define it within this week.

Cheers

Gianni

Da: GIANNI PICCHI <gianni.picchi@cnr.it>

Inviato: lunedì 18 marzo 2024 12:03

A: Bengt Sörvik <bengt.sorvik@otmetka.com>; Björn Syren <bjorn.syren@otmetka.com>

Cc: Arnau Picó <arnau.pico@ctfc.cat>; Jakub Sandak <jakub.sandak@innorennew.eu>; Antonio Ruano <antonio.ruano@ctfc.cat>

Oggetto: R: Visit organization and Information request

Dear Bengt,

at this point, we are in a very critical situation.

Otmetka received 505,308,27 € from the EU.

So far you declared about 224,778.30 € of personnel costs (plus some travel costs not declared yet).

This means that Otmetka should have still something less than 280,529.97 € available for the activities of the project without recurring to any further financing.

Out of this budget, 100,000 € are explicitly dedicated to the purchase of a processor head (as reported in the Grant Agreement).

The prime mover is not included among the eligible costs, as agreed during the preparation phase and as also reported in the GA.

Furthermore, I understand that the use of a very old unit (in this case I am referring to the processor) may require different and more complex solutions than what planned by OTME but also by the other partners (e.g. due to obsolete operating systems).

Given the above, we need the following actions from your side:

- 1- provide us with a clear justification for the lack of funding you repeatedly declared, which is not justified by the declared costs nor by the technical progress of your tasks;
- 2- establish a communication with all the partners involved in data exchange with the processor/prime mover (TREE, INNO, SIMTRO, UEF). Since the machine is not actually purchased, I think that it is worth to define the desired minimum technical features (e.g. operating system of the bucking computer) and try to identify the best possible compromise between cost of purchase and complexity of the adaptation to the SINTETIC solution.

Best regards

Gianni

Da: Bengt Sörvik <bengt.sorvik@otmetka.com>

Inviato: giovedì 14 marzo 2024 12:23

A: Antonio Ruano <antonio.ruano@ctfc.cat>; Björn Syren <bjorn.syren@otmetka.com>; GIANNI PICCHI <gianni.picchi@cnr.it>; Jakub Sandak <jakub.sandak@innorenew.eu>

Oggetto: RE: Visit organization and Information request

Dear Antonio,

Please take a look at my answer between the lines.

MVH / BR

Bengt Sörvik

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Founder of FERNA Charitable Foundation

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From: Antonio Ruano <antonio.ruano@ctfc.cat>

Sent: Tuesday, March 12, 2024 5:39 PM

To: Bengt Sörvik <bengt.sorvik@otmetka.com>; Björn Syren <bjorn.syren@otmetka.com>; gianni.picchi <gianni.picchi@cnr.it>; Jakub Sandak <jakub.sandak@innorenew.eu>

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Caution! This message was sent from outside your organization.

Dear Bengt:

Following this morning meeting on LiDAR implementation in the project, we've identified an opportunity to optimize our efforts. Since we were already considering a trip to Sweden for scanning the processor heads and cabin of the harvester, we propose consolidating these activities on the 8th and 9th of April, effectively maximizing our time and resources.

That week might work, but I had actually planned to be off this week. It is best if the meeting is postponed two weeks ahead.

Before proceeding with the arrangements, we kindly request confirmation that both the harvester and processor head will be available at your facilities on the 8th of April as well as your availability for those dates. Assuming this is confirmed, we intend to conduct scanning sessions for both processors and the harvester cabin, including boom disposition analysis, throughout the morning of the 8th. This will be followed by a technical meeting in the afternoon to discuss next steps.

The unit is located in Östhammar. We have started the dismantling to prepare for the LogMarker system. Of course you can come and scan it, but possibly I think it feels a bit unnecessary.

The harvester is set up 500 km away in Karlstad. We have bought it for SEK 560,000 (EUR 50,000) plus service and some rebuilding for a total of SEK 750,000 (EUR 67,000) plus VAT.

In the past few days we have had a new problem which we have not yet been able to solve as I write this. The financing (machine leasing) that we were offered has not been granted. This is because we have large development costs to get everything ready before September. I have raised this with you.

We are now trying alternative ways to finance the purchase of Rottne H20. The venture capital market is currently very strained. This means that we currently do not have a clear solution for alternative financing of this machine. This situation arose somewhat unexpectedly after Christmas. Many companies in Sweden have gone into standby mode.

If we cannot resolve the financing of the harvester reserved for OTMETKA in Karlstad (Rottne H20) as soon as

possible, it will be sold on to another customer. Unfortunately, it is difficult to find an equivalent Rottne harvester in a suitable price range, which means that the "next machine" costs between SEK 2 - 3 million. (There are cheaper Rottne harvesters abroad, but they are completely unknown and with transport and all the hidden faults fixed it usually becomes an expensive business.)

For OTMETKA's part, I want you to find an alternative solution already now. If the EU cannot send us this amount from our budget, I suggest that all partners who are directly involved pay this collectively. We can later repay from our budget that the EU has granted.

Furthermore, we suggest scheduling a joint technical meeting involving representatives from UEF and Treemetrics for the 9th of April. This meeting will focus on the integration of LiDAR technology into the project, ensuring alignment and collaboration between all parties involved.

That sounds good.

Your prompt confirmation regarding the availability of the harvester and processor head on the specified date would be greatly appreciated as we move forward with organizing this trip.

As said above. The harvester head is secured. The machine is still not financed and needs urgently a solution.

Lastly, this morning Garret from Treemetrics emphasized the critical importance of obtaining precise details regarding the purchased machine. Specifically, it is imperative to ascertain the fabrication date and the exact model of both the harvester and the processor head. Additionally, information about the operating system version is crucial, including the specific Windows version and the Dasa operating system. These details are essential for ensuring seamless integration and optimal performance of the LiDAR technology within our project framework.

The other problem that we have and that I have reported is that Dasa has been very reluctant to help. This has led us to turn to a Finnish company (Technion). They have an adaptation that can work but not for the extra harvester unit from Rottne that we have and that we now want to use. The SP unit is good and against this the Technion works but not against the Rottne unit (in this case Rottne H2 with unit H700). The appt computer we have is somewhat old (Dasa 4) but we have calculated that we may need to use the latest Dasa version or Technion if Rottne's unit can be adapted to this. The latter requires Rottne to help, which unfortunately they have not done convincingly so far.

I propose that we have a working meeting about this very thing where Treemetrics is involved.

Thank you for your attention to this matter.

Antonio Ruano

Researcher | [SINTETIC](#) Project Deputy Coordinator

Forest utilization, mechanization and biomass

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