



3 App 5, Concept Agreement, Article 3.5

**Vraag:**

'..... any materials....'. Please specify what this includes - or should we assume normal consumables by a consultant, as pens, paper, ink? Or does it also include costs for monitoring/maintenance equipment?

**Antwoord:**

The available budget of €400,000 includes ALL costs necessary for the execution of the assignment/contract.

**Percelen:** P1 A03.002.2023 Evaluation turn-key reconstruction of 12 bridges on the NR20 Laos DRI17LA01

**Beantwoord op:** 29-03-2023

**Label:** Contract

**Ref.nr.**

4

**Onderwerp:**

App 5, Concept Agreement, Article 1,1.2, point 2

**Vraag:**

not clear what 'the verification report' is or refers to; not submitted as part of the tender documents. Please clarify

**Antwoord:**

That is the report made of the verification meeting (6.3 Tender Guide).

**Percelen:** P1 A03.002.2023 Evaluation turn-key reconstruction of 12 bridges on the NR20 Laos DRI17LA01

**Beantwoord op:** 29-03-2023

**Label:** Contract

**Ref.nr.**

5

**Onderwerp:**

App 5, Concept Agreement, Article 1,1.2, point 2

**Vraag:**

not clear what 'the processing agreement' is or refers to; not submitted as part of the tender documents. Please clarify.

**Antwoord:**

The processing agreement is not applicable. The text will be removed.

**Percelen:** P1 A03.002.2023 Evaluation turn-key reconstruction of 12 bridges on the NR20 Laos

**Beantwoord op:** DRI17LA01  
29-03-2023  
**Label:** Contract

**Ref.nr.** **Onderwerp:**  
6 App 7, ToR, section 3.3.1, Task 2

**Vraag:**

Could the type of 'training in the modelling tools' be further specified? Are these persons following courses in the Netherlands or trainings arranged in Bhutan. Is it required that they can work with the 2D hydro-morphodynamic model after the training, since this would require a multiple year traject or is training on numerical tools that are to be deployed for the O&M works (if not the 2D hydro-morphodynamic model is proposed). Please clarify.

**Antwoord:**

The engineers will follow training courses preferably in The Netherlands on 2D hydro-morphological models. However, it has to be agreed during the inception phase what can be accommodated in the budget and what are realistic and useful learning objectives within time an budget available for the O&M phase. This should be part of the capacity needs assessment and capacity building action plan.

The engineers already have basic knowledge on hydrological and hydrodynamic models.

**Percelen:** P1 A03.002.2023 Evaluation turn-key re-construction of 12 bridges on the NR20 Laos  
DRI17LA01  
**Beantwoord op:** 29-03-2023  
**Label:** Uitvoering

**Ref.nr.** **Onderwerp:**  
7 App 7, ToR, section 3.3.1, Task 1 and 2

**Vraag:**

Set up of a 2D hydro-morphologic model: Will the model used for developing the sediment management plan be the same model to be used for O&M? Please note generally such models are used for acadamic research and not for practical applications for braiding river systems. see for example paper: <https://www.mdpi.com/2073-4441/15/3/595>, listing the challenges for 2d-hydro-morphodynamic modelling of braided rivers. Please clarify.

**Antwoord:**

The model is foreseen to be both applied for the Sediment Management Plan

as for the O&M. The main emphasis will be on a more detailed and calibrated/validated hydrodynamic model of the area of interest and understanding the sediment patterns for the baseline situation. The limitations of the morphodynamic part (in terms of predictive capabilities) of these models are acknowledged but it may provide useful insight into the baseline situation and specific trends/developments which may guide the O&M plan. Also, the model is expected to be further finetuned in coming years and should therefore also be considered as learning tool. However, where deemed appropriate the consultant can propose an alternative approach.

**Percelen:** P1 A03.002.2023 Evaluation turn-key re-construction of 12 bridges on the NR20 Laos DRI17LA01  
**Beantwoord op:** 29-03-2023  
**Label:** Uitvoering

**Ref.nr.** 8  
**Onderwerp:** App 7, ToR, section 3.3.1, Task 1

**Vraag:**  
Set up of a 2D hydro-morphologic model: Please provide details of the model used. And is the objective of the model to assess the information needed in points 1) - 7)? And if the information requested can be provided with other options than a 2D hydro-morphologic model is that allowed?

**Antwoord:**  
The Consultant is expected to build upon the 2D hydrodynamic model that has been setup in the previous studies and refine this model with more detailed and updated bathymetry based on the survey. The objective of the model is to provide relevant inputs needed for points 1-7 in Section 3.3.1 Task 1 of the TOR but other information/knowledge shall be necessary as well to answer these questions. It is also possible to consider other equally appropriate options than a 2D hydro-morphologic model which shall be justified in the proposal.

**Percelen:** P1 A03.002.2023 Evaluation turn-key re-construction of 12 bridges on the NR20 Laos DRI17LA01  
**Beantwoord op:** 29-03-2023  
**Label:** Uitvoering

**Ref.nr.** 9  
**Onderwerp:** App 7, ToR, Section 3.3.1, Item 6), p17

**Vraag:**

It is assumed the design of the Water intake is part of component 1 deliverables and that the Water intake is one of the elements to be incorporated in the Sediment Management Plan, which will be delivered later in the process. Can this be confirmed?

**Antwoord:**

Confirmed.

**Percelen:** P1 A03.002.2023 Evaluation turn-key re-construction of 12 bridges on the NR20 Laos DRI17LA01

**Beantwoord op:** 29-03-2023

**Label:** Uitvoering

**Ref.nr.**

10

**Onderwerp:**

App 7, ToR, section 3.2.2, Deliverable 6 and 7

**Vraag:**

covers the progress reporting on: technical and financial progress of the Project etc.: Is this not part of the tasks for the PMU and are we supporting them with the tasks as part of the capacity building within the project or is the Consultant responsible for tracking the progress of the implementation of the project? If the latter, could it please be confirmed that the PMU is supplying the information to the Consultant, based on which the Consultant can track the progress?

**Antwoord:**

The consultant is expected to support the PMU in tracking the actual progress of the implementation of the project. It is confirmed that the PMU will supply the information to the Consultant, by which the Consultant can track the progress.

**Percelen:** P1 A03.002.2023 Evaluation turn-key re-construction of 12 bridges on the NR20 Laos DRI17LA01

**Beantwoord op:** 29-03-2023

**Label:** Uitvoering

**Ref.nr.**

11

**Onderwerp:**

App 7, ToR, section 3.2.2, Deliverable 6 and 7

**Vraag:**

Given the fixed budget of the project, is there a specific 'field visits and on-the-job-trainings at construction sites' that should be reserved for this activity within the budget or does this fall under the 'reimbursables as specified in

article 3.9 of the Concept Agreement. Can this be clarified?

**Antwoord:**

The costs for field visits and on-the-job trainings at the sites should be reserved and fall within the fixed budget. The final determination of the trainings and activities follow from the needs assessments and actions plans.

**Percelen:** P1 A03.002.2023 Evaluation turn-key re-construction of 12 bridges on the NR20 Laos DRI17LA01

**Beantwoord op:** 29-03-2023

**Label:** Contract

**Ref.nr.**

12

**Onderwerp:**

App 7, ToR, section 3.2.2, Deliverable 5.1

**Vraag:**

We assume that this is a Completion Report for Capacity building for Technical Supervision, since the deliverable has to be submitted only 6 months after contract start and before/early in the construction phase of the project. Can this be confirmed?

**Antwoord:**

Confirmed. This refers to Volume 1 of the Completion Report for Supervision to be submitted 6 months after the start of the contract.

**Percelen:** P1 A03.002.2023 Evaluation turn-key re-construction of 12 bridges on the NR20 Laos DRI17LA01

**Beantwoord op:** 29-03-2023

**Label:** Inhoud

**Ref.nr.**

13

**Onderwerp:**

App 7, ToR, section 3.2.1 Task 2, p.16

**Vraag:**

Is it reasonable to assume that the PMU will make available a sufficient number of staff that are familiar with supervision of civil works in general? In that case the assistance can be limited to steer the supervision team towards observing and supervising of those elements that are essential for a successful implementation of the construction works, and generating sufficient details and reports for payment purposes. Or does the Consultant have to train novice inspectors?

**Antwoord:**

Yes, the PMU will make available a sufficient number of staff that are familiar with supervision of civil works in general.

**Percelen:** P1 A03.002.2023 Evaluation turn-key re-construction of 12 bridges on the NR20 Laos DRI17LA01  
**Beantwoord op:** 29-03-2023  
**Label:** Uitvoering

**Ref.nr.** 14      **Onderwerp:** App 7, ToR, section 3.2.1 Task 1, p.15

**Vraag:**  
Is it reasonable to assume that the PMU will make available a sufficient number of staff that are familiar with ESMP of civil works in general? Or does the Consultant have to train novice inspectors?

**Antwoord:**  
The PMU does not have much experience with ESMP, but they do have engineering and civil works experience (3 engineers).

**Percelen:** P1 A03.002.2023 Evaluation turn-key re-construction of 12 bridges on the NR20 Laos DRI17LA01  
**Beantwoord op:** 29-03-2023  
**Label:** Uitvoering

**Ref.nr.** 15      **Onderwerp:** App 7, ToR, section 3.1.2 Deliverable 2

**Vraag:**  
please provide the advisory review and suggestions by NCEA.

**Antwoord:**  
All documents and information are publicly available and downloadable from this NCEA's website via this page: <https://www.eia.nl/en/projects/7240>

**Percelen:** P1 A03.002.2023 Evaluation turn-key re-construction of 12 bridges on the NR20 Laos DRI17LA01  
**Beantwoord op:** 29-03-2023  
**Label:** Inhoud

**Ref.nr.**      **Onderwerp:**

16 App 7, ToR, section 3.1.2 Deliverable 2

**Vraag:**

What kind of equipment is to be purchased? Will this be equipment to be used by the works contractor or by the PMU for supervision of the works? And if required for the supervision, does this fall under the reimbursables?

**Antwoord:**

Rephrasing Bullet 5 of Deliverable 2: " Update BoQ for the Works to be constructed (including advice on what equipment need to be purchased)."

**Percelen:** P1 A03.002.2023 Evaluation turn-key re-construction of 12 bridges on the NR20 Laos DRI17LA01

**Beantwoord op:** 29-03-2023

**Label:** Uitvoering

**Ref.nr.** 17 **Onderwerp:** App 7, ToR, section 3.1.2 Deliverable 2

**Vraag:**

Please clarify what you mean by ‘auditable calculation’. Will this be audited by an auditor to be appointed IIPP? Should any time be allowed for awaiting results of the audits and incorporating them in the final design?

**Antwoord:**

The design calculations shall be presented such that these can be audited for approval by the competent authority responsible for approval of the final designs. The Local Committee will be the entry point for this approval and it is anticipated that MoIT will play a key role in this to be further defined during inception. This design deliverable can be regarded as one of the deliverables for which time shall be allocated for review as outlined in Section 5.5 of the TOR.

**Percelen:** P1 A03.002.2023 Evaluation turn-key re-construction of 12 bridges on the NR20 Laos DRI17LA01

**Beantwoord op:** 29-03-2023

**Label:** Uitvoering

**Ref.nr.** 18 **Onderwerp:** App 7, ToR, section 3.1.2 Deliverable 2

**Vraag:**

This deliverable shall include technical notes on the procurement evaluation.

While the bidding documents must be delivered 3 months after the contract start date (the start date for the consultancy services), it will not be possible to submit procurement evaluation notes, in view of the time required for: i) approval of detailed design and input bidding documents/procurement documents, ii) tender period for the bidders for the construction works and iii) evaluation of the bids. Does the approval phase i) fall within lead time for component 1, and do the other episodes fall in the lead time of component 2?

Please indicate how much time should be allowed in our planning for the mentioned three episodes.

**Antwoord:**

Task 2 of Component 1 will be conducted after the completion of the Deliverable 2. The activities of the consultants will follow the schedule of the Royal Government of Bhutan for procuring the works (including the delivery of technical notes on the procurement evaluation).

**Percelen:** P1 A03.002.2023 Evaluation turn-key reconstruction of 12 bridges on the NR20 Laos DRI17LA01

**Beantwoord op:** 29-03-2023

**Label:** Proces

**Ref.nr.**  
19

**Onderwerp:**  
App 7, ToR, section 3.1.2, task 2, p. 14

**Vraag:**

Procurement support: Attend pre-contract clarification meetings; should these meetings be held physically or could these be organised virtually? How many pre-contract clarification meetings are expected?

**Antwoord:**

This is yet to be determined in the procurement strategy. Attendance of the consultant is to be decided during the inception phase taking into consideration any budget constraints.

**Percelen:** P1 A03.002.2023 Evaluation turn-key reconstruction of 12 bridges on the NR20 Laos DRI17LA01

**Beantwoord op:** 29-03-2023

**Label:** Uitvoering

**Ref.nr.**  
20

**Onderwerp:**  
App 7 ToR, Section 3.1.1/3.1.2

**Vraag:**

'Final detailed design, ESIA and ESMP as specified above are fully integrated in the Bidding Documents'. Considering that 'the procurement documents are the responsibility of the PMU'; what is the difference between Bidding Documents and Procurement Documents?

**Antwoord:**

These are identical.

**Percelen:** P1 A03.002.2023 Evaluation turn-key re-construction of 12 bridges on the NR20 Laos DRI17LA01

**Beantwoord op:** 29-03-2023

**Label:** Inhoud

**Ref.nr.**

21

**Onderwerp:**

App. 7 ToR, sectino 3.1.1 Task 1a and b, p. 13

**Vraag:**

Updates for the detailed design and ESIA/ ESMP are to be submitted to MoIT and IIPP for approval. The corresponding drawings, Specification and Bill of Quantities shall subsequently be incorporated in the tender documentation for bidders (contractors for the execution of the works). Please indicate how much time should be planned for the approval process by MoIT and IIPP. And will there be a separate approval procedure for the tender documentation?

**Antwoord:**

The Consultant should allow for a minimum review time of two (2) weeks for each draft and final deliverable, so 4 weeks in total.

It takes 3 months for the tender, evaluation and award process for the contract work.

**Percelen:** P1 A03.002.2023 Evaluation turn-key re-construction of 12 bridges on the NR20 Laos DRI17LA01

**Beantwoord op:** 29-03-2023

**Label:** Proces

**Ref.nr.**

22

**Onderwerp:**

App 7, ToR, section 1.4.4, p. 9, fig 4

**Vraag:**

From the ToR it is unclear if the Consultant will have direct interaction with

the Contractor. E.g. for the semi-annual progress reports technical and financial progress of the Project is to be provided. Will all the related data and information for development of such reports be shared between Consultant and Contractor via the PIU (PIU always in between), or will there be opportunities to have direct communication between Contractor and Consultant?

**Antwoord:**

See answer #10.

**Percelen:** P1 A03.002.2023 Evaluation turn-key re-construction of 12 bridges on the NR20 Laos DRI17LA01

**Beantwoord op:** 29-03-2023

**Label:** Uitvoering

**Ref.nr.**

23

**Onderwerp:**

Tender document, 1.5 revision clause, p. 11

**Vraag:**

Can you be more specific when and where you expect the contractor to propose alternative approaches and methods, and how these proposed opportunities will be evaluated?

**Antwoord:**

As for now we don't expect for the contractor to propose alternative approaches and methods.

**Percelen:** P1 A03.002.2023 Evaluation turn-key re-construction of 12 bridges on the NR20 Laos DRI17LA01

**Beantwoord op:** 29-03-2023

**Label:** Proces