

T2.2-03: Evaluation Schedule - Programme

Note to tenderers: For Evaluation Purposes, The Programme is to be Submitted in the following manner.

- 1) A PDF copy of the Programme is to be attached to this schedule.**
- 2) A soft copy of the proposed programme is to be submitted by 16h00 on ~~the 04/04/2024~~ **date TBA** via the one drive link provided.**
- 3) Only MS project or Primavera format will be accepted. No other format will be accepted.**
- 4) A one drive link will be made available to all tenderers who submitted a tender on or before the tender closing date to submit a soft copy of their programme on or before the ~~04/04/2024~~ **date TBA**.**
- 5) Failure to submit a soft copy of the proposed programme will result in the tenderers programme not being evaluated and the tenderer will score zero (0) out of twenty (20) for programme.**

Programme

The Tenderer details the proposed programme below or makes reference to his proposed programme and attaches it to this schedule. The Tenderer's attention is drawn to core clause 31 of the NEC3 Engineering and Construction contract regarding the items to be shown on a programme.

The tenderer shall provide the proposed programme in both hard and soft copy (XER) format. Both hard and soft copy submissions are to comply with the format and evaluation criteria as detailed below.

The tenderer shall provide the proposed programme complying with, but not limited to, the minimum format requirements, as follows:

- Activity ID
- Activity Description
- Original Duration
- Start and Finish Dates
- Time Risk Allowances
- Float
- Programme to clearly demonstrate alignment with activities in the Tenderer's Activity Schedule under C2.2, resources as contained in the Tenderer's Approach Paper submission under T.2.2-08 and List of Equipment and Other Resources submission under T.2.2-17 by

means of clearly demonstrating the following in this regard:

- Activity Description & Unique Activity Reference/ID - Activities as contained in the Tenderer's Activity Schedule submission under C2.2 to be allocated a unique activity reference/ID and to be assigned to associated activities in the Tenderer's programme model contained under T2.2-03. In other words, in accordance with the *conditions of contract*, the Tenderer must provide information which shows how each activity on the Activity Schedule relates to the operations on the Tenderer's programme.
- Resource Description & Unique Resource Reference/ID – Resources to be allocated a unique resource reference/ID, and assigned to associated activities in the Tenderer's programme contained under T2.2-03, in accordance with the Tenderer's proposed resource allocation and usage strategy in order to Provide the Works. The Tenderer's programme must be aligned with the resources as contained in the Tenderer's Approach Paper submission under T.2.2-08 and List of Equipment and Other Resources submission under T.2.2-17. In addition, resource assignments/allocations & usage/productivity histograms/profiles/spreads to be annexed to the Tenderer's hard copy programme submission in order to support the aforementioned stipulations.

The tenderer shall provide the proposed programme showing but not limited to the following:

- Ability to execute the *works* in terms of the *Employer's* requirements and within the required timeframe indicating, in a logical sequence, the order and timing of the construction that will take place in order to Provide the Works clearly indicating the capacity & capability to achieve the dates stated in the Contract Data.
- Dates when the *Contractor* will need *access* to any part of the Site; submission & approval process & timing for Health & Safety Files, Environmental Files and Quality Files.
- The *Contractor* indicates how he plans in achieving the following dates and clearly demonstrates them on the schedule by complying with Clause 31.2 of the NEC ECC – Initiates *starting date*, *access dates*, *key dates*, planned Completion, Sectional Completion Dates & Completion Date. In addition, the Programme must clearly demonstrate adequate provisions for Time Risk Allowance (TRA). Time Risk Allowances are not float, are owned by the Tenderer, can be included in the activity duration and illustrated in the schedule in a code field or as an attachment.
- The Programme must be Resource Loaded, including, People, Equipment, Plant and Materials & Other Resources, but excluding Cost). In addition, the Programme must be aligned to the Activity Schedule.
- The Programme must clearly support and demonstrate alignment to the Approach Paper as contained under T.2.2-08. In addition, annexed to the Programme, a basis of schedule document is required, stipulating, but not limited to, underlying assumptions, conditions, constraints, and approach to Providing the Works as detailed in the Programme.

The scoring of the Programme will be as follows:

Score (20 Points)	Evaluation Criteria				
	Ability to execute the works in terms of the <i>Employer's</i> requirements and within the required timeframe indicating, in a logical sequence, the order and timing of the construction that will take place in order to Provide the <i>Works</i> clearly indicating the capacity & capability to achieve the dates stated in the Contract Data. The Programme must be in Microsoft Project/ Primavera software. 1. Work breakdown structure in logical order, 2. Durations and dates for all work is shown, 3. Key milestones and critical paths in MS project/primavera format and Basis of schedule aligned with the programme. 1. Caisson Manufacture & Launching (10%) 2. Caisson Towing & Placement (10%) 3. Dredging & Reclamation (10%) 4. Scour Protection & Revetment (10%) 5. Rigid Inclusions & Vibro Compaction (10%) 6. Sheet & Landside Piling (10%)	Dates when the <i>Contractor</i> will need access to any part of the Site; submission & approval process & timing for Health & Safety Files, Environmental Files and Quality Files.	The <i>Contractor</i> indicates how he plans in achieving the following dates and clearly demonstrates them on the schedule by complying with Clause 31.2 of the NEC ECC – Initiates <i>starting date</i>, <i>access dates</i>, Key Dates, planned Completion, Sectional Completion Dates & Completion Date. In addition, the Programme must clearly demonstrate adequate provisions for Time Risk Allowance (TRA). Time Risk Allowances are not float, are owned by the Tenderer, can be included in the activity duration and illustrated in the schedule in a code field or as an attachment.	The Programme must be Resource Loaded, including, People, Equipment, Plant and Materials & Other Resources, but excluding Cost). In addition, the Programme must be aligned to the Activity Schedule. 1. Caisson Manufacture & Launching (10%) 2. Caisson Towing & Placement (10%) 3. Dredging & Reclamation (10%) 4. Scour Protection & Revetment (10%) 5. Rigid Inclusions & Vibro Compaction (10%) 6. Sheet & Landside Piling (10%) 7. Cope Construction, Quay Furniture & Paving (10%) 8. Constraints, Interfacing & interdependencies within the overall project approach as demonstrated in, but not limited to, the programme, Work Breakdown Structure and associated critical scope elements as well as	The Programme must clearly support and demonstrate alignment to the approach paper as contained under T.2.2-08. In addition, annexed to the Programme, a basis of schedule document is required, stipulating, but not limited to, underlying assumptions, conditions, constraints, and approach to Providing the <i>works</i> as detailed in the Programme.



	7. Cope Construction, Quay Furniture & Paving (10%) 8. Constraints, Interfacing & interdependencies within the overall project approach as demonstrated in, but not limited to, the programme, Work Breakdown Structure and associated critical scope elements as well as any other part of the Works Information (30%)			any other part of the Works Information (30%)	
	6	2	2	2	8
Score 0	The tenderer has submitted no information.				
Score 20	The programme is not acceptable as it will not satisfy project objectives or requirements. The tenderer has misunderstood the Scope of Work and does not deal with the critical aspects of the overall programme/WBS element in question as a subset of the overall project.	▪ The tenderer has not addressed critical access requirements. ▪ The tenderer has not allowed timing for approval processes for SHEQ documentation.	The tenderer has not addressed critical access requirements. The tenderer has not allowed timing for approval processes for SHEQ documentation (1 week).	▪ The tenderer has addressed some resource loading requirements; submission is incomplete, and contains insufficient detail which renders it unrealistic/unachievable ▪ No alignment between programme and activity schedule.	▪ No alignment between programme and approach paper. ▪ The basis of schedule documentation contains insufficient detail, critical errors and omissions exist as such does not fully support the programme model. ▪ Submission does not contain the minimum requirements as stipulated. ▪ No alignment between basis of schedule



					documentation and the programme.
Score 40	The programme is generic, not practical and unrealistic, therefore is unlikely to satisfy project objectives or <i>Employer's</i> requirements regarding the WBS element in question as a subset of the overall project. The tenderer has misunderstood certain aspects of the Scope of the Works and does not deal with the critical aspects of the project/WBS element in question as a subset of the overall project.	- The tenderer has addressed critical but not all access requirements. - The tenderer has not allowed sufficient timing for approval processes for SHEQ documentation.	The tenderer has addressed critical but not all access requirements such as: a) A site access date. The tenderer has not allowed sufficient timing for approval processes for SHEQ documentation (1 week).	- The tenderer has addressed some but not all resource loading requirements; submission is incomplete and/or contains critical errors and omissions which renders it unrealistic/unachievable. - No alignment between programme and activity schedule.	- Critical errors and or omissions in alignment between programme and approach paper. - The basis of schedule documentation contains sufficient detail, but critical errors exist as such does not fully support the programme model. - Submission contains the minimum requirements as stipulated. - No alignment between basis of schedule documentation and the programme.
Score 60	- The overall programme/ WBS element in question addresses specific project objectives. - The programme/WBS element in question is complete and sufficiently decomposed, as demonstrated in the overall project WBS which fully encompasses project/WBS element scope as detailed but not limited to the Works Information and Engineering	- The tenderer has adequately addressed all access requirements. - The tenderer has not allowed sufficient timing for approval processes for SHEQ documentation.	The tenderer has adequately addressed all access requirements such as: a. A site access date b. Sectional completion c. Project handover d. Completion dates The tenderer has not allowed sufficient timing for approval processes for SHEQ documentation (1 week).	- The tenderer has addressed all resource loading requirements as such submission is complete, accurate and contains sufficient detail which renders it realistic/achievable. - Programme and activity schedule are not aligned.	- Minor errors and or omissions in alignment between programme and approach paper. - The basis of schedule documentation contains sufficient detail; minor errors still exist however critical aspects of programme model are adequately



	Specification; ▪ The programme/WBS element in question is not adequately predictive in that it contains minor errors or omissions in critical path/s. ▪ Activity duration estimates demonstrate the fact that the programme does not present an accurate model of project risk. ▪ The programme/WBS element in question contains minor errors and omissions in logic (i.e. horizontal and vertical traceability). ▪ The programme/WBS element complies with some but not all the stipulations of NEC ECC Clause 31.2. ▪ The programme/WBS element adequately demonstrates the sequence, methodology, resource allocations, and underlying approach to provision of the <i>works</i>, in line with the requirements of the <i>Works Information</i> and Engineering Specification, as such adequately deals with the critical characteristics of overall project execution. ▪ The programme does not demonstrate the Contractor's understanding of the critical success factors and risks associated with provision of the <i>works</i>.				substantiated. ▪ Submission contains the minimum requirements as stipulated. ▪ Minor errors and or omissions exist in alignment of the basis of schedule documentation and the programme model.
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Score 80	▪ The overall programme/WBS element in question addresses specific project objectives. ▪ The programme/WBS element in question is complete and sufficiently decomposed, as demonstrated in the overall project WBS which fully encompasses project/WBS element scope as detailed but not limited to the Works Information and Engineering Specification; ▪ The programme/WBS element in question is transparent in the demonstration of its basis; ▪ The programme/WBS element in question is predictive in that it provides meaningful critical path/s and an accurate/realistic model of project risk, the latter as demonstrated in activity duration estimates; ▪ The programme/WBS element in question contains logic that is horizontally and vertically traceable; ▪ The programme/WBS element in question is usable, as it allows for effective management decision making and action. ▪ The programme/WBS element complies with the stipulations of NEC ECC	▪ The tenderer has adequately addressed all access requirements. ▪ The tenderer has allowed sufficient timing for approval processes for SHEQ documentation.	The tenderer has adequately addressed all access requirements such as: a. A site access date b. Sectional completion c. Project handover d. Completion dates The tenderer has allowed sufficient timing for approval processes for SHEQ documentation (2 weeks).	▪ The tenderer has addressed all resource loading requirements as such submission is complete, accurate and contains sufficient detail which renders it realistic/achievable. ▪ Programme and activity schedule are aligned.	▪ Programme and approach paper are fully aligned and submission contains no critical errors or omissions. ▪ The basis of schedule documentation contains sufficient detail, no critical errors or omissions and as such fully supports the programme model. ▪ Submission contains the minimum requirements as stipulated. ▪ Basis of schedule documentation and the programme are fully aligned.
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	Clause 31.2. The programme/WBS element adequately demonstrates the sequence, methodology, resource allocations, critical success factors, risks and underlying approach to provision of the <i>works</i>, in line with the requirements of the Works Information and Engineering Specification, as such adequately deals with the critical characteristics of overall project execution.				
Score 100	Besides meeting the above "80" rating, the important issues are approached in an innovative and efficient way.	Besides meeting the "80" rating, the tenderer has exceeded the required expectations.	The tenderer has adequately addressed all access requirements such as: - A site access date - Sectional completion - Project handover - Completion dates - Change over dates and final testing and commissioning. The tenderer has allowed sufficient timing for approval processes for SHEQ documentation (2 weeks). Project phases clearly defined. Schedule showing durations of activities, Major Milestone, Planned Start Date & Planned Completion Date	Besides meeting the "80" rating, the tenderer has exceeded the required expectations.	Besides meeting the "80" rating, the tenderer has exceeded the required expectations.