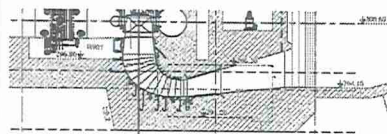


## ANNEX FOR CLARIFICATION OF BIDDING DOCUMENTS OF PACKAGE NN1\_CD-GT02 (No.2)

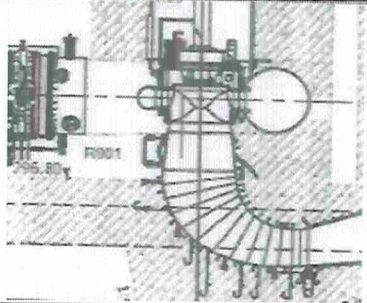
(Attached to the Letter No.: 258 /2025/CC47-BDT dated August 09, 2025)

| Sr. No. | Specification No & Clause   | Specification Requirement   | Bidder's Comment / Clarification Query   | Purchaser reply  | Remarks |
|---------|---|---|--|--|---------|
| 1.      | Vol. 3, Section 5.2.2, Chapter 0305<br><b>Water Cooling System</b> , page 05-3<br>1.3 System Description, Characteristics and Operating Conditions, | "To prevent the sedimentation in the oil coolers of the system the scheme should envisage the possibility to change the water flow direction in the coolers by motor driven four-way valve"   | It's useless to avoid sedimentation by change water flow direction, because the flow speed is too slow. The best way is to add a hydro cyclone to filter the sand in water.<br>Please confirm whether to use close circuit for cooling water or not. | Please comply with bidding documents.  |         |
| 2.      | Vol. 3, Section 5.2.2, Chapter 0507<br><b>Francis Turbine</b> , page 07-3<br>2.3 Draft tube   | "The cone shall be designed to be dismantled and taken out sideways in one or two parts."   | Dismantling draft tube cone or not, doesn't affect check of runner.<br>Advise to cancel this sentence.   | Agreed. Draft tube cone shall be of embedded in concrete, not dismantled and taken out sideways. |         |
| 3.      | Vol. 3, Section 5.2.2, Chapter 0507<br><b>Francis Turbine</b> ,<br>page 07-22, 2.10 Main shaft<br><br>Page 07-24, 2.12.1 Main shaft seal            | "The shaft shall be provided with...sleeve..."<br><br>"The shaft seal shall be of the axial type..."  | Axial type shaft seal needn't such a sleeve.<br>Advise to cancel the sleeve related statement.   | Sleeve requirements of Turbine main shaft for shaft seal shall be canceled.                      |         |
| 4.      | Vol. 3, Section 5.2.2, Chapter 0507<br><b>Francis Turbine</b> ,<br>page 07-26,<br>2.14.1 Equipment list<br>(1) Spiral case                          | "Connections for thermodynamic equipment at the spiral case inlet."   | Please confirm use thermodynamic method to measure efficiencies.   | Thermodynamic and connections shall be provided as per Bidding Document.                         |         |
| 5.      | Vol. 3, Section 5.2.2, Chapter 0507<br><b>Francis Turbine</b> ,<br>page 07-27,<br>2.14.1 Equipment list<br>(6) Air admission system                 | "The system shall comprise of suitable number of air valves operated automatically by low pressure under turbine head cover and also by wicket gate operating mechanism for improving turbine operation at partial gate opening and for breaking vacuum in the draft tube." | This air valve only operated automatically by low pressure.<br>Please confirm.   | Air admission system shall be operated automatically by low pressure.                            |         |

| Sr. No.                                  | Specification No & Clause   | Specification Requirement   | Bidder's Comment / Clarification Query | Purchaser reply                               | Remarks |  |  |  |  |  |  |  |     |            |      |    |       |   |                   |            |            |   |   |          |            |            |         |   |  |            |            |         |   |             |            |            |         |   |                          |            |            |         |   |         |            |            |         |   |                         |            |            |         |   |       |            |            |         |   |                      |            |            |         |    |                      |            |            |         |    |  |            |            |         |    |                          |            |            |         |  |   |  |
|--|---|---|--|---|---------|--|--|--|--|--|--|--|-----|------------|------|----|-------|---|-------------------|------------|------------|---|---|----------|------------|------------|---------|---|--|------------|------------|---------|---|-------------|------------|------------|---------|---|--------------------------|------------|------------|---------|---|---------|------------|------------|---------|---|-------------------------|------------|------------|---------|---|-------|------------|------------|---------|---|----------------------|------------|------------|---------|----|----------------------|------------|------------|---------|----|--|------------|------------|---------|----|--------------------------|------------|------------|---------|--|---|--|
| 6.                                       | <p>Clarification for Bidding Documents – Goods Delivery Schedule</p> <p>Amendment 1 - Part I - Section III. Evaluation and Qualification Criteria - Clause 2.1 Economic Evaluation - (a) Delivery Time Schedule</p> | <table><tr><th colspan="5">GOODS DELIVERY SCHEDULE</th></tr><tr><th colspan="5">Delivery Schedule From Commencement Date</th></tr><tr><th>No.</th><th>Work Items</th><th>From</th><th>To</th><th>Units</th></tr><tr><td>1</td><td>Commencement Date</td><td>26/10/2024</td><td>26/10/2024</td><td>Fixed timeline specified by bidder's timeline</td></tr><tr><td>2</td><td>Delivery</td><td>26/10/2024</td><td>26/10/2024</td><td>1 month</td></tr><tr><td>3</td><td>Delivery for embedded parts (3 months)</td><td>26/10/2024</td><td>26/10/2024</td><td>1 month</td></tr><tr><td>4</td><td>Draft tubes</td><td>26/10/2024</td><td>26/10/2024</td><td>1 month</td></tr><tr><td>5</td><td>Spiral casing, stay ring</td><td>26/10/2024</td><td>26/10/2024</td><td>1 month</td></tr><tr><td>6</td><td>Runners</td><td>26/10/2024</td><td>26/10/2024</td><td>1 month</td></tr><tr><td>7</td><td>Stators, frame, bracket</td><td>26/10/2024</td><td>26/10/2024</td><td>1 month</td></tr><tr><td>8</td><td>Rotor</td><td>26/10/2024</td><td>26/10/2024</td><td>1 month</td></tr><tr><td>9</td><td>BOP equipment system</td><td>26/10/2024</td><td>26/10/2024</td><td>1 month</td></tr><tr><td>10</td><td>Electrical equipment</td><td>26/10/2024</td><td>26/10/2024</td><td>1 month</td></tr><tr><td>11</td><td>Control, measuring, protection, SCADA system</td><td>26/10/2024</td><td>26/10/2024</td><td>1 month</td></tr><tr><td>12</td><td>Cable system and support</td><td>26/10/2024</td><td>26/10/2024</td><td>1 month</td></tr></table> <p>The time period to complete the delivery Unit to the Site shall be as follows:</p> <ul style="list-style-type: none"><li>- Embedded parts: (03) Three months</li><li>- Draft tubes : (08) Eight months</li><li>- Spiral casing, stay ring : (16) Sixteen months</li><li>- Runners : (20) Twenty months</li><li>- Stators, frame, bracket : (25) Twenty five months</li><li>- Rotor : (27) Twenty seven months</li><li>- Electrical equipment: (25) Twenty five months</li><li>- Control, measuring, protection, SCADA system: (25) Twenty five months</li><li>- Cable system and support: (25) Twenty five months</li></ul> <p>The adjustment rate in the event of delivery of any Unit beyond the minimum period shall be 0.25% of contract price without taxes for each week of delay. No credit/ bonus will be given for delivery earlier than the minimum designated period.</p> <p>Bids offering a completion date for any Unit beyond four (4) weeks shall be rejected.</p> | GOODS DELIVERY SCHEDULE                |   |         |  |  | Delivery Schedule From Commencement Date |  |  |  |  | No. | Work Items | From | To | Units | 1 | Commencement Date | 26/10/2024 | 26/10/2024 | Fixed timeline specified by bidder's timeline | 2 | Delivery | 26/10/2024 | 26/10/2024 | 1 month | 3 | Delivery for embedded parts (3 months) | 26/10/2024 | 26/10/2024 | 1 month | 4 | Draft tubes | 26/10/2024 | 26/10/2024 | 1 month | 5 | Spiral casing, stay ring | 26/10/2024 | 26/10/2024 | 1 month | 6 | Runners | 26/10/2024 | 26/10/2024 | 1 month | 7 | Stators, frame, bracket | 26/10/2024 | 26/10/2024 | 1 month | 8 | Rotor | 26/10/2024 | 26/10/2024 | 1 month | 9 | BOP equipment system | 26/10/2024 | 26/10/2024 | 1 month | 10 | Electrical equipment | 26/10/2024 | 26/10/2024 | 1 month | 11 | Control, measuring, protection, SCADA system | 26/10/2024 | 26/10/2024 | 1 month | 12 | Cable system and support | 26/10/2024 | 26/10/2024 | 1 month | <p>According to the Clarificatiion document, the bidder's calculation of the delivery schedule from the Commencement Date of 26 October 2024 to the corresponding Fixed Timeline Dates is as below:</p> <ul style="list-style-type: none"><li>- Embedded parts: (03) Three months</li><li>- Draft tubes: (09) Nine months</li><li>- Spiral casing, stay ring: (16) Sixteen months</li><li>- Runners: (21) Twenty one months</li><li>- Stators, frame, bracket: (26) Twenty six months</li><li>- Rotor: (28) Twenty eight months</li><li>- BOP equipment system: (24) Twenty four months</li><li>- Electrical equipment: (25) Twenty five months</li><li>- Control, measuring, protection, SCADA system: (25) Twenty five months</li><li>- Cable system and support: (25) Twenty five months</li></ul> <p>The above calculation results differ from the relative timeline specified in the Clarification and Amendment documents. Kindly advise which schedule should be considered as the official requirement</p> | <p>Delivery schedule stated in Bidding document Amendment shall be applied.</p> <p>(Attached to the Letter No.: 1227/2025/CC47-BDT dated July 31, 2025)</p> |  |
| GOODS DELIVERY SCHEDULE                  |   |   |  |   |         |  |  |  |  |  |  |  |     |            |      |    |       |   |                   |            |            |   |   |          |            |            |         |   |  |            |            |         |   |             |            |            |         |   |                          |            |            |         |   |         |            |            |         |   |                         |            |            |         |   |       |            |            |         |   |                      |            |            |         |    |                      |            |            |         |    |  |            |            |         |    |                          |            |            |         |  |   |  |
| Delivery Schedule From Commencement Date |   |   |  |   |         |  |  |  |  |  |  |  |     |            |      |    |       |   |                   |            |            |   |   |          |            |            |         |   |  |            |            |         |   |             |            |            |         |   |                          |            |            |         |   |         |            |            |         |   |                         |            |            |         |   |       |            |            |         |   |                      |            |            |         |    |                      |            |            |         |    |  |            |            |         |    |                          |            |            |         |  |   |  |
| No.                                      | Work Items  | From  | To                                     | Units   |         |  |  |  |  |  |  |  |     |            |      |    |       |   |                   |            |            |   |   |          |            |            |         |   |  |            |            |         |   |             |            |            |         |   |                          |            |            |         |   |         |            |            |         |   |                         |            |            |         |   |       |            |            |         |   |                      |            |            |         |    |                      |            |            |         |    |  |            |            |         |    |                          |            |            |         |  |   |  |
| 1  | Commencement Date   | 26/10/2024  | 26/10/2024                             | Fixed timeline specified by bidder's timeline |         |  |  |  |  |  |  |  |     |            |      |    |       |   |                   |            |            |   |   |          |            |            |         |   |  |            |            |         |   |             |            |            |         |   |                          |            |            |         |   |         |            |            |         |   |                         |            |            |         |   |       |            |            |         |   |                      |            |            |         |    |                      |            |            |         |    |  |            |            |         |    |                          |            |            |         |  |   |  |
| 2  | Delivery  | 26/10/2024  | 26/10/2024                             | 1 month                                       |         |  |  |  |  |  |  |  |     |            |      |    |       |   |                   |            |            |   |   |          |            |            |         |   |  |            |            |         |   |             |            |            |         |   |                          |            |            |         |   |         |            |            |         |   |                         |            |            |         |   |       |            |            |         |   |                      |            |            |         |    |                      |            |            |         |    |  |            |            |         |    |                          |            |            |         |  |   |  |
| 3  | Delivery for embedded parts (3 months)  | 26/10/2024  | 26/10/2024                             | 1 month                                       |         |  |  |  |  |  |  |  |     |            |      |    |       |   |                   |            |            |   |   |          |            |            |         |   |  |            |            |         |   |             |            |            |         |   |                          |            |            |         |   |         |            |            |         |   |                         |            |            |         |   |       |            |            |         |   |                      |            |            |         |    |                      |            |            |         |    |  |            |            |         |    |                          |            |            |         |  |   |  |
| 4  | Draft tubes   | 26/10/2024  | 26/10/2024                             | 1 month                                       |         |  |  |  |  |  |  |  |     |            |      |    |       |   |                   |            |            |   |   |          |            |            |         |   |  |            |            |         |   |             |            |            |         |   |                          |            |            |         |   |         |            |            |         |   |                         |            |            |         |   |       |            |            |         |   |                      |            |            |         |    |                      |            |            |         |    |  |            |            |         |    |                          |            |            |         |  |   |  |
| 5  | Spiral casing, stay ring  | 26/10/2024  | 26/10/2024                             | 1 month                                       |         |  |  |  |  |  |  |  |     |            |      |    |       |   |                   |            |            |   |   |          |            |            |         |   |  |            |            |         |   |             |            |            |         |   |                          |            |            |         |   |         |            |            |         |   |                         |            |            |         |   |       |            |            |         |   |                      |            |            |         |    |                      |            |            |         |    |  |            |            |         |    |                          |            |            |         |  |   |  |
| 6  | Runners   | 26/10/2024  | 26/10/2024                             | 1 month                                       |         |  |  |  |  |  |  |  |     |            |      |    |       |   |                   |            |            |   |   |          |            |            |         |   |  |            |            |         |   |             |            |            |         |   |                          |            |            |         |   |         |            |            |         |   |                         |            |            |         |   |       |            |            |         |   |                      |            |            |         |    |                      |            |            |         |    |  |            |            |         |    |                          |            |            |         |  |   |  |
| 7  | Stators, frame, bracket   | 26/10/2024  | 26/10/2024                             | 1 month                                       |         |  |  |  |  |  |  |  |     |            |      |    |       |   |                   |            |            |   |   |          |            |            |         |   |  |            |            |         |   |             |            |            |         |   |                          |            |            |         |   |         |            |            |         |   |                         |            |            |         |   |       |            |            |         |   |                      |            |            |         |    |                      |            |            |         |    |  |            |            |         |    |                          |            |            |         |  |   |  |
| 8  | Rotor   | 26/10/2024  | 26/10/2024                             | 1 month                                       |         |  |  |  |  |  |  |  |     |            |      |    |       |   |                   |            |            |   |   |          |            |            |         |   |  |            |            |         |   |             |            |            |         |   |                          |            |            |         |   |         |            |            |         |   |                         |            |            |         |   |       |            |            |         |   |                      |            |            |         |    |                      |            |            |         |    |  |            |            |         |    |                          |            |            |         |  |   |  |
| 9  | BOP equipment system  | 26/10/2024  | 26/10/2024                             | 1 month                                       |         |  |  |  |  |  |  |  |     |            |      |    |       |   |                   |            |            |   |   |          |            |            |         |   |  |            |            |         |   |             |            |            |         |   |                          |            |            |         |   |         |            |            |         |   |                         |            |            |         |   |       |            |            |         |   |                      |            |            |         |    |                      |            |            |         |    |  |            |            |         |    |                          |            |            |         |  |   |  |
| 10                                       | Electrical equipment  | 26/10/2024  | 26/10/2024                             | 1 month                                       |         |  |  |  |  |  |  |  |     |            |      |    |       |   |                   |            |            |   |   |          |            |            |         |   |  |            |            |         |   |             |            |            |         |   |                          |            |            |         |   |         |            |            |         |   |                         |            |            |         |   |       |            |            |         |   |                      |            |            |         |    |                      |            |            |         |    |  |            |            |         |    |                          |            |            |         |  |   |  |
| 11                                       | Control, measuring, protection, SCADA system  | 26/10/2024  | 26/10/2024                             | 1 month                                       |         |  |  |  |  |  |  |  |     |            |      |    |       |   |                   |            |            |   |   |          |            |            |         |   |  |            |            |         |   |             |            |            |         |   |                          |            |            |         |   |         |            |            |         |   |                         |            |            |         |   |       |            |            |         |   |                      |            |            |         |    |                      |            |            |         |    |  |            |            |         |    |                          |            |            |         |  |   |  |
| 12                                       | Cable system and support  | 26/10/2024  | 26/10/2024                             | 1 month                                       |         |  |  |  |  |  |  |  |     |            |      |    |       |   |                   |            |            |   |   |          |            |            |         |   |  |            |            |         |   |             |            |            |         |   |                          |            |            |         |   |         |            |            |         |   |                         |            |            |         |   |       |            |            |         |   |                      |            |            |         |    |                      |            |            |         |    |  |            |            |         |    |                          |            |            |         |  |   |  |

| Sr. No. | Specification No & Clause   | Specification Requirement  | Bidder's Comment / Clarification Query  | Purchaser reply  | Remarks |
|---------|---|--|---|--|---------|
| 7.      | Amendment 1 – Part I – Section III. Evaluation and Qualification Criteria – Clause 2.1 Economic Evaluation – (a) Delivery Time Schedule | <p>The time period to complete the delivery Unit to the Site shall be as follows:</p> <ul style="list-style-type: none"> <li>- Embedded parts: (03) Three months</li> <li>- Draft tubes: (08) Eight months</li> <li>- Spiral casing, stay ring: (16) Sixteen months</li> <li>- Runners: (20) Twenty months</li> <li>- Stators, frame, bracket: (25) Twenty five months</li> <li>- Rotor: (27) Twenty seven months</li> <li>- Electrical equipment: (25) Twenty five months</li> <li>- Control, measuring, protection, SCADA system: (25) Twenty five months</li> <li>- Cable system and support: (25) Twenty five months</li> </ul> <p>The adjustment rate in the event of delivery of any Unit beyond the minimum period shall be 0.25% of contract price without taxes for each week of delay. No credit/bonus will be given for delivery earlier than the minimum designated period.</p> <p>Bids offering a completion date for any Unit beyond four (4) weeks shall be rejected.</p> | If the Bidder's overall delivery schedule meets the Employer's requirements, but only the delivery of embedded parts is approximately four months later than required, will this be considered as responsive to the requirements? | <p>The embedded part request delivery three (03) months including: pre embedded parts, and embedded pipe under elevation of 296.8m,</p> <p>Please follow requirement</p>  |         |
| 8.      | Volume 3 - chapter 0507 Francis turbine - Item 2.3.<br>DRAFT TUBE/Page 07-16  | The draft tube cone shall be of heavy, rigid design and be free standing, not embedded in concrete. The cone shall be designed to be dismantled and taken out sideways in one or two parts. The cone shall be flange connected to the turbine  | The requirement in the specification is not in line with the drawing which draft tube cone is embedded in concrete, please clarify if draft tube cone shall be dismantlable?  | Draft tube cone shall be of embedded in concrete, it is not dismantled and taken out sideways.   |         |



| Sr. No. | Specification No & Clause  | Specification Requirement   | Bidder's Comment / Clarification Query | Purchaser reply  | Remarks  |
|---------|--|---|--|--|--|
|         |  | <p>bottom cover and to the draft tube bend. The upper part of the cone liner plate below the runner shall be made of stainless steel.</p> <p>The dismantling flange against the draft tube bend shall be made as a sliding joint. It prevents thrust forces to be transferred from the turbine to the foundations and it allows the draft tube cone to be removed for turbine dismantling and for convenient access during runner inspection and repair works without disturbing the generator.</p> |  |  |  |
|         | <p>Drawing No. 123039F-TTND-NM-03<br/>ELECTROMECHANICAL EQUIPMENT ARRANGEMENT-PROFILE OF POWER HOUSE</p> |    |  |  |  |
| 9.      | Section III, Clause 2.5 Personnel and 2.6 Equipment  | <p>Clause 2.5 Personnel The Bidder shall provide details of the proposed personnel and their experience records in the relevant Forms included in Section IV, Bidding Forms.</p> <p>Clause 2.6: Equipment The Bidder must demonstrate that it will have access to the key Contractor's equipment listed hereafter (refer to Form "Contractor's Equipment Personnel" in Section IV):</p>   |  | <p>The Bidder find attached form hereafter:</p> <ul style="list-style-type: none"> <li>- Personnel Form</li> <li>- Equipment Form</li> </ul> | CC47 Additional /Further Clarification for Contractors |

## Personnel

### Form PER – 1

#### Proposed Personnel

Bidders should provide the names of suitably qualified personnel to meet the specified requirements stated in Section III. The data on their experience should be supplied using the Form below for each candidate.

|    |                    |
|----|--------------------|
| 1. | Title of position* |
|    | Name               |
| 2. | Title of position* |
|    | Name               |
| 3. | Title of position* |
|    | Name               |
| 4. | Title of position* |
|    | Name               |

\*As listed in Section III.

## Form PER-2

### Resume of Proposed Personnel

|                       |
|-----------------------|
| <b>Name of Bidder</b> |
|-----------------------|

|                              |                                    |  |
|------------------------------|------------------------------------|--|
| <b>Position</b>              |                                    |  |
| <b>Personnel information</b> | <b>Name</b>                        | <b>Date of birth</b>                         |
|                              | <b>Professional qualifications</b> |  |
| <b>Present employment</b>    | <b>Name of employer</b>            |  |
|                              | <b>Address of employer</b>         |  |
|                              | <b>Telephone</b>                   | <b>Contact (manager / personnel officer)</b> |
|                              | <b>Fax</b>                         | <b>E-mail</b>                                |
|                              | <b>Job title</b>                   | <b>Years with present employer</b>           |

Summarize professional experience over the last 15 years, in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

| From | To | Company / Project / Position / Relevant technical and management experience |
|------|----|---|
|      |    |   |
|      |    |   |
|      |    |   |
|      |    |   |

## Equipment

### Form EQU

The Bidder shall provide adequate information to demonstrate clearly that it has the capability to meet the requirements for the key Contractor's equipment listed in Section III, Evaluation and Qualification Criteria. A separate Form shall be prepared for each item of equipment listed, or for alternative equipment proposed by the Bidder.

|                       |  |                        |
|-----------------------|--|------------------------|
| Item of equipment     |  |                        |
| Equipment information | Name of manufacturer   | Model and power rating |
|                       | Capacity   | Year of manufacture    |
| Current status        | Current location   |                        |
|                       | Details of current commitments   |                        |
| Source                | Indicate source of the equipment<br><input type="checkbox"/> Owned <input type="checkbox"/> Rented <input type="checkbox"/> Leased <input type="checkbox"/> Specially manufactured |                        |

Omit the following information for equipment owned by the Bidder.

|            |  |                        |
|------------|--|------------------------|
| Owner      | Name of owner  |                        |
|            | Address of owner   |                        |
|            | Telephone  | Contact name and title |
|            | Fax  | Telex                  |
| Agreements | Details of rental / lease / manufacture agreements specific to the project |                        |
|            |  |                        |
|            |  |                        |