

# POWER GRID COMPANY OF BANGLADESH LIMITED

**Project Name: Design, Supply, Installation, Testing & Commissioning of 400/230kV, 500/750MVA Transformer and associated Switchgear in existing Meghnaghat 400/230kV AIS Substation**

**(ICB No.: PGCB/400kVTx/Meghnaghat SS)**

**RFB No.: 27.21.0000.101.07.427.24.2467; May 06, 2024**

## **ADDENDUM NO.2**

**Issued on: 03 July, 2024**

**Following revisions/changes are made in the Bidding Document will from part of the Bidding Document:**

### **Volume 1 of 3**

- 1. The Text written under Clause 11.2(k) (ii) , Section-2, BDS, for Time Schedule is revised as follows:**

Delivery & 720 days Schedule as per Schedule C in Volume 1 of 3 of the Bidding Document;

- 2. The Text written under Clause 18.6 , Section-2, BDS, for Price Adjustment is revised as follows:**

Price Adjustment- Applicable.

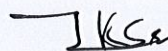
- 3. The Text written under Clause 1.2.2 , Section-3, EQC, for Time Schedule is revised as follows:**

Total time to complete the all plants and services from the effective date specified in Article 3 of the Contract Agreement for determining time for completion of commissioning activities is:

720 (Seven Hundred Twenty) days

- 4. The Text written for Clause 8.2,Section-8, SCC for Time of Commencement and Completion is revised as follows:**

The Time for Completion of the whole of the Facilities as well as each individual section/part shall be 720 (Seven Hundred Twenty) days from the Effective Date as described in the Contract Agreement. However,



Location wise Completion of each individual substation works will be considered as Completion of that individual part/section only.

**5. The Text written under Appendix 4 - Time Schedule, Section-9, Contract Forms is revised as follows:**

The Time for Completion of the whole of the Facilities as well as each individual section/part shall be 720 (Seven Hundred Twenty) days from the Effective Date as described in Volume 1, Section 8 - Special Conditions of Contract, Sub-Clause 8.2 and as per Article 3 of this contract agreement.

**6. Appendix 2 – Price Adjustment, Section-9, Contract Forms of Volume-1 is revised as follows:**

**Appendix 2 - Price Adjustment**

Prices payable to the Contractor, in accordance with the Contract, shall be subjected to components, in accordance with the following formula. Each percentage of the formula (except the fixed element) can be changed by the contractor.

**(1) Transformer**

$$P_1 = P_0 \times \left( a + b \frac{L_1}{L_0} + c \frac{M_{11}}{M_{01}} + d \frac{M_{12}}{M_{02}} + e \frac{M_{13}}{M_{03}} + f \frac{M_{14}}{M_{04}} \right) - P_0$$

Where,

P1 = Price Adjustment for the amount of power transformer, payable to the Contractor (if the figure is negative, this amount has to be recovered by the Employer from the Contractor)

P0 = Ex-works/CIP price component of Power Transformer (base price), less advance

a = percentage of fixed element in Contract Price (a = 15%)

b = percentage of labour component in Contract Price (b = 20%)

c = percentage of material Core (Si steel) component in Contract Price (c = 22%)

d = percentage of material (Copper) component in Contract Price (d = 25%)

e = percentage of material (Steel) component in Contract Price (e = 15%)

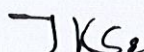
f = percentage of material (Zinc) component in Contract Price (f = 3%)

L<sub>0</sub>, L<sub>1</sub> = labour indices applicable to the appropriate industry in the country of origin of the base date and the date for adjustment, respectively

M<sub>01</sub>, M<sub>11</sub> = material (Core, Si steel) indices applicable to the appropriate industry in the country of origin of the base date and the date for adjustment, respectively

M<sub>02</sub>, M<sub>12</sub> = material (Copper) indices applicable to the appropriate industry in the country of origin of the base date and the date for adjustment, respectively

M<sub>03</sub>, M<sub>13</sub> = material (Steel) indices applicable to the appropriate industry in the country of origin of the base date and the date for adjustment, respectively



M<sub>04</sub>, M<sub>14</sub>= material (Zinc) indices applicable to the appropriate industry in the country of origin of the base date and the date for adjustment, respectively

### Conditions Applicable To Price Adjustment

The Bidder shall indicate the source of labor and materials indices and the base date indices in its Bid.

| Item                | Country of Origin;<br>Currency of index | Source of Indices Used<br>Title / definition | Base Date Indices |      |
|---------------------|-----------------------------------------|----------------------------------------------|-------------------|------|
|                     |                                         |                                              | Value             | Date |
| L0, L1 (Labour)     |                                         |                                              |                   |      |
| M01, M11 (Si Steel) |                                         |                                              |                   |      |
| M02, M12 (Copper)   |                                         |                                              |                   |      |
| M03, M13 (Steel)    |                                         |                                              |                   |      |
| M04, M14 (Zinc)     |                                         |                                              |                   |      |

The following conditions shall apply:

- a. The base date shall be the date 28 days prior to the deadline for submission of the Bid.
- b. The date of adjustment shall be the mid-point of the period of manufacture of the component or Plant. The mid-point shall be determined by considering the start date of manufacture to be 30 days after Contract Effective Date. The end date of manufacture is considered to be 30 days prior to the shipping date.
- c. No price increase will be allowed beyond the original contract period unless covered by an extension of time awarded by the Employer under the terms of the Contract. No price increase will be allowed for periods of delay for which the Contractor is responsible. The Employer will, however, be entitled to any price decrease occurring during such periods of delay.
- d. If the currency in which the Contract price, P<sub>0</sub>, is expressed is different from the currency of the country of origin of the labour and/or materials indexes, a correction factor will be applied to avoid incorrect adjustments of the Contract price. The correction factor shall correspond to the ratio of exchange rates between the two currencies on the base date and the date for adjustment as defined above.
- e. No price adjustment shall be payable on the portion of the Contract price paid to the Contractor as an advance payment.
- f. If no data is entered for any item in the above table, the price adjustment does not apply to this item.
- g. Any payments resulting from price adjustments will be settled at the end of contract.

