

Bidding Document

For

Procurement of

Design, Supply, Installation, Testing and Commissioning of 230/33 kV GIS Substation at Bhola and 132/33 kV GIS Substations at Domar, Hatibandha, Shibchar, Bhanga, Jhalokathi, Pirojpur on Turnkey Basis (Package-8)_Retender

[Contract No.: PGCB/AIIB/L8374/DWZTGEP/GIS/P8 (Re-tender)]

Addendum No. 01

(Date: September 26, 2024)

Following revisions/changes are made in the Bidding Document which will form part of the Bidding Document:

Volume 1 of 3

1. Section 4: Bidding Forms, Schedules of Rates and Prices, Schedule B1: Plant & Equipment Supplied from Abroad

The page B1-41, B1-60, are added by pages B1-41 (rev-1), B1-60 (rev-1) and attached as Attachment-5A.

2. Section 4: Bidding Forms, Schedules of Rates and Prices, Schedule B2: Plant & Equipment supplied from within Employer's Country

The page B2-47, is added by page B2-47 (rev-1) and attached as Attachment-5B.

3. Section 4: Bidding Forms, Schedules of Rates and Prices, Schedule B4: Installation and Other Services

a) Since, the Schedule B4 is for installation and other services, the texts "EXW" and "CIP" are deleted from the schedule B4.

b) The pages B4-5, B4-6, B4-7, B4-8, B4-9, B4-14, B4-15, B4-16, B4-17, B4-22, B4-23, B4-24, B4-25, B4-30, B4-31, B4-32, B4-33, B4-38, B4-39, B4-40, B4-46, B4-47, B4-48, B4-54, B4-55, B4-56, B4-57, B4-60, B4-61, B4-62, B4-63, B4-67, B4-68, B4-69, B4-70, B4-74, B4-75, B4-76, B4-80, B4-81, B4-82, B4-83, B4-86, B4-87, B4-88, B4-89 are added by pages B4-5 (rev-1), B4-6 (rev-1), B4-7 (rev-1), B4-8 (rev-1), B4-9 (rev-1), B4-14 (rev-1), B4-15 (rev-1), B4-16 (rev-1), B4-17 (rev-1), B4-22 (rev-1), B4-23 (rev-1), B4-24 (rev-1), B4-25 (rev-1), B4-30 (rev-1), B4-31 (rev-1), B4-32 (rev-1), B4-33 (rev-1), B4-38 (rev-1), B4-39 (rev-1), B4-40 (rev-1), B4-46 (rev-1), B4-47 (rev-1), B4-48 (rev-1), B4-54 (rev-1), B4-55 (rev-1), B4-56 (rev-1), B4-57 (rev-1), B4-60 (rev-1), B4-61 (rev-1), B4-62 (rev-1), B4-63 (rev-1), B4-67 (rev-1), B4-68 (rev-1), B4-69 (rev-1), B4-70 (rev-1), B4-74 (rev-1), B4-75 (rev-1), B4-76 (rev-1), B4-80

(rev-1), B4-81 (rev-1), B4-82 (rev-1), B4-83 (rev-1), B4-86 (rev-1), B4-87 (rev-1), B4-88 (rev-1), B4-89 (rev-1) and attached as Attachment-5C.

Volume 2 of 3

4. Section 2, Technical Specification, Page 41:

Vol 2 of 3 page 41 is addended by page 41(rev-1) and attached as Attachment-7.

5. Section 3, HV Switchgear and Outdoor Equipment, Page 105

Vol 2 of 3 page 105 is addended by page 105 (rev-1) and attached as Attachment-8.

6. Section 3, HV Switchgear and Outdoor Equipment, Page 127

Vol 2 of 3 page 127 is addended by page 127(rev-1) and attached as Attachment-10.

7. Section 19, Drawings Forming part of The Specification

Revised drawing for Domar 132/33KV layout, 230KV cable celler room, GIS hall, control room & roof plan, 132KV cable celler room, GIS hall, control room & roof plan) are attached as Attachment-6.

Volume 3 of 3

1. Schedule A: Scope of Work: Clause 1.6, Transmission Line Circuit Connections

- a) The first paragraph in the clause is replaced by revised paragraph below:

“The slack spans including overhead earth wires between the 230 kV and 132 kV overhead line terminal towers and the substation gantry structures shall be terminated by the substation Contractor under this Contract. All required ACCC conductor, ground wires, insulators and hardwires fittings shall be supplied by the overhead line Contractors/Employer. The supervision cost of ACCC conductor installation by master installer shall also be included in this Contract.”

- b) The last paragraph in the clause is replaced by revised paragraph below:

“The substation Contractor under this Contract shall terminate the OPGW at the substation gantry in the terminal joint boxes provided by the overhead line Contractors/Employer. The connection between OPGW joint boxes at the substation gantry and control room building via underground optical fibre cables shall also be carried out under this contract; it includes supply & installation of fibre optic cable of a size similar to the OPGW.”

2. **Schedule A: Scope of Work, clause 1.3.1 (Page 4), clause 1.3.2 (Page 18), Clause 1.3.3 (Page 32), clause 1.3.4 (Page 46), clause 1.3.5 (Page 60), clause 1.3.6 (Page 73) and clause 1.3.7 (Page 87):**

The paragraph "The scope of work also includes design, supply, delivery, installation, testing & commissioning of two new bays with extension of associated control, automation, protection, fibre optic multiplexer equipment for communication & protection, and civil works." is replaced by the revised paragraph below-

"The scope of work also includes design, supply, delivery, installation, testing & commissioning of bays with associated control, automation, protection, fibre optic multiplexer equipment (including necessary extension of remote end substation) for communication & protection and civil works."

3. **Schedule A: Scope of Work, page 28, page 42, page 56, page 70, page 84, page 97, page 102, page 103, page 113, page 191 & page 192:**

The page 28, page 42, page 56, page 70, page 84, page 97, page 102, page 103, page 113, page 191 & page 192 are addended by page 28(rev-1), page 42(rev-1), page 56(rev-1), page 70(rev-1), page 84(rev-1), page 97(rev-1), page 102(rev-1), page 103(rev-1), page 113(rev-1), page 191(rev-1) & page 192(rev-1) and attached as Attachment-1.

4. **Schedule A: Scope of Work, page 16, page 30, page 44, page 57, page 71, page 85, page 98, page 105, page 111, page 117, page 123 & page 129:**

The page 16, page 30, page 44, page 57, page 71, page 85, page 98, page 105, page 111, page 117, page 123 & page 129 are addended by page 16(rev-1), page 30(rev-1), page 44(rev-1), page 57(rev-1), page 71(rev-1), page 85(rev-1), page 98(rev-1), page 105(rev-1), page 111(rev-1), page 117(rev-1) page 123(rev-1) & page 129(rev-1) and attached as Attachment-9.

5. **Schedule A: Scope of Work, page 121:**

Vol 3 of 3 page 121 is addended by page 121(rev-1) and attached as Attachment-3.

6. **Schedule A: Scope of Work, item no: 1A.1(ii):**

Vol 3 of 3 item no: 1A.1(ii), the statement shall be replaced by the following:

- a. "245kV, 50kA/3s, SF6, three phase, single pole operation circuit breaker complete with Hydro-mechanical spring/spring operating mechanism".

7. **Schedule A: Scope of Work, item no: 1A.2(ii), 1A.3(ii), 1A.4(ii):**

Vol 3 of 3 item no: 1A.2(ii), 1A.3(ii), 1A.4(ii), the statement shall be replaced by the following:

- a. "245kV, 50kA/3s, SF6, three phase, gang pole operation circuit breaker completes with Hydro-mechanical spring/spring operating mechanism".

8. Schedule A: Scope of Work, item no. 2B.1(ii), 3B.1(ii), 4B.1(ii), 5B.1(ii), 6B.1(ii), 7B.1(ii),:

Vol 3 of 3 item no: 2B.1(ii), 3B.1(ii), 4B.1(ii), 5B.1(ii), 6B.1(ii), 7B.1(ii), the statement shall be replaced by the following:

- a. "145kV, 40kA/3s, SF6, three phase, single pole operation circuit breaker complete with Hydro-mechanical spring/spring operating mechanism".

9. Schedule A: Scope of Work, item no. 2B.2(ii), 2B.3(ii), 2B.4(ii), 3B.2(ii), 3B.3(ii), 3B.4(ii), 4B.2(ii), 4B.3(ii), 4B.4(ii), 5B.2(ii), 5B.3(ii), 5B.4(ii), 6B.2(ii), 6B.3(ii), 6B.4(ii), 7B.2(ii), 7B.3(ii), 7B.4(ii):

Vol 3 of 3 item no: 2B.2(ii), 2B.3(ii), 2B.4(ii), 3B.2(ii), 3B.3(ii), 3B.4(ii), 4B.2(ii), 4B.3(ii), 4B.4(ii), 5B.2(ii), 5B.3(ii), 5B.4(ii), 6B.2(ii), 6B.3(ii), 6B.4(ii), 7B.2(ii), 7B.3(ii), 7B.4(ii), the statement shall be replaced by the following:

- a. "145kV, 40kA/3s, SF6, three phase, gang pole operation circuit breaker complete with Hydro-mechanical spring/spring operating mechanism".

10. Schedule B: Bid Prices & Schedules, page 146:

- a) The sentence "Please see the separate Excel file for the above." is replaced by the sentence "Please refer to Volume 1, Section 4: Bidding Forms".
- b) The sentence "Please use the attached excel file" is deleted.

12. Schedule E: Technical Particulars and Guarantees

- a) Vol 3 of 3 page 228 is added by page 228(rev-1) and attached as Attachment-4.
- b) Vol 3 of 3 page 235 is added by page 235(rev-1) and attached as Attachment-11.
- c) Vol 3 of 3 page 334 & page 338 is added by page 334(rev-1) & page 338 (rev-1) and attached as Attachment-2.

Encl: As stated.

