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STATE LOAD DESPATCH CENTRE

ODISHA POWER TRANSMISSION CORPORATION LIMITED

GRIDCO Colony, P.O.- Mancheswar Rly. Colony, Bhubaneswar-17, FAX-0674- 2748509

CIN: U40102OR2004SGC007553

CORRIGENDUM – II to TENDER NOTICE NO. SLDC-02/2025-26

TENDER NOTICE NO. SLDC-02/2025-26

"Survey, *Design, Development, Supply, Installation, Testing, Commissioning & AMC of PMU based WAMS system in OPTCL, ODISHA system."*

(A) Modifications in the General terms and conditions of Contract (G.T.C.C);

Original clause	Modified Clause
31.1 MINIMUM AVERAGE ANNUAL TURNOVER (MAAT): The minimum average annual turnover (MAAT) of the last three years (FY 21-22, FY 22-23, FY 23-24) for the Bidder will be INR 15.80 Crores. The Minimum Average Annual Turnover (MAAT) requirement of the bidder (The Average of Last Three Financial Years preceding to the year of NIT) as indicated in the following Table-Fin-1 shall not be less than the **above mentioned amount.** In case the Bidder is in existence for less than three financial years, the average annual turnover shall be sum of turnover in the completed no of financial years divided by three for the purpose of meeting the above criteria. Turnover of the bidding company on standalone basis only (excluding its associate companies on Standalone Basis) shall be considered for arriving at Annual Turnover.	31.1 MINIMUM AVERAGE ANNUAL TURNOVER (MAAT): The minimum average annual turnover (MAAT) of the last three years (FY 22-23, FY 23-24, FY 24-25) for the Bidder will be INR 26.55 Crores. The Minimum Average Annual Turnover (MAAT) requirement of the bidder (The Average of Last Three Financial Years preceding to the year of NIT) as indicated in the following Table-Fin-1 shall not be less than the **above mentioned amount.** In case the Bidder is in existence for less than three financial years, the average annual turnover shall be sum of turnover in the completed no of financial years divided by three for the purpose of meeting the above criteria. Turnover of the bidding company on standalone basis only (excluding its associate companies on Standalone Basis) shall be considered for arriving at Annual Turnover.

31.2 LIQUID ASSETS AND ACCESS TO CREDIT FACILITY: Bidder shall be financially sound and stable. The liquid assets (Cash at Bank & Fixed Deposit) and Un-Utilized credit facility (both Fund & Non Fund based) available from bank(s) duly certified by the Bank(s) - **(Annexure-VII)** within one Month prior to the date of Tender opening, as indicated in the following format should not be less than **Rs. 3.20 Crore** [**15% (Fifteen Percent) of estimated cost of the package(s)/works]**. **Table-Fin-2** Liquid asset as on dt.31.03.2024 Un-Utilised Credit Facility as on dt.31.03.2025	31.2 LIQUID ASSETS AND ACCESS TO CREDIT FACILITY: Bidder shall be financially sound and stable. The liquid assets (Cash at Bank & Fixed Deposit) and Un-Utilized credit facility (both Fund & Non Fund based) available from bank(s) duly certified by the Bank(s) - **(Annexure-VII)** within one Month prior to the date of Tender opening, as indicated in the following format should not be less than **Rs. 5.31 Crore** [**15% (Fifteen Percent) of estimated cost of the package(s)/works]**. **Table-Fin-2** Liquid asset as on dt.31.03.2025 Un-Utilised Credit Facility as on dt.31.12.2025
31.3 **Table: Fin-3** Net worth Schedule as on Dt.31.03.2024	31.3 **Table: Fin-3** Net worth Schedule as on Dt.31.03.2025
31.4 **Table: Fin-4** Bidders Bid Capacity Schedule (Highest of implementation of WAMS/ SCADA/ SAS/ Similar Project's Annual turn Over) Sl. No Financial Year Bid Capacity 1. FY 2021-22 2. FY 2022-23 3. FY 2023-24	31.4 **Table: Fin-4** Bidders Bid Capacity Schedule (Highest of implementation of WAMS/ SCADA/ SAS/ Similar Project's Annual turn Over) Sl. No Financial Year Bid Capacity 1. FY 2022-23 2. FY 2023-24 3. FY 2024-25
40.3 FINANCIAL The firm should have sufficient financial capacity for the execution of the project within OPTCL's desired project implementation schedule. The minimum average annual turnover (MAAT) of the last three years (FY 20221-22, FY 2022-23, FY 2023-24) for the Bidder will be INR 15.80 Crores. ii. The Bidder will furnish scanned attested copies of the turnover along with audited profit and loss account and balance sheet for the last three financial years on year wise basis. Financial statements audited by a practicing Chartered Accountant will only be	**40.3 FINANCIAL** The firm should have sufficient financial capacity for the execution of the project within OPTCL's desired project implementation schedule. The minimum average annual turnover (MAAT) of the last three years (FY 2022-23, FY 2023-24, FY 2024-25) for the Bidder will be INR 26.55 Crores. ii. The Bidder will furnish scanned attested copies of the turnover along with audited profit and loss account and balance sheet for the last three financial years on year wise basis. Financial statements audited by a practicing Chartered Accountant will only be

accepted. CA certificate stating the overall turnover details and turnover from PMU based WAMS projects for the last three years (FY 20221-22, FY 2022-23, FY 2023-24) with name, seal and registration number of CA. In addition to the financial statements, Turnover/Net worth Certificate duly certified by the practicing Chartered Accountant to be furnished. Since Unique Documents Identification Number (UDIN) is mandatory for issuing certificate by practicing Chartered Accountants, the UDIN will be clearly specified in the above certificate. An undertaking in the prescribed form will be submitted by the bidder. Stringent action including the black listing of the firm from participating tenders of OPTCL may be taken for furnishing forged documents.	accepted. CA certificate stating the overall turnover details and turnover from PMU based WAMS projects for the last three years (FY 2022-23, FY 2023-24, FY 2024-25) with name, seal and registration number of CA. In addition to the financial statements, Turnover/Net worth Certificate duly certified by the practicing Chartered Accountant to be furnished. Since Unique Documents Identification Number (UDIN) is mandatory for issuing certificate by practicing Chartered Accountants, the UDIN will be clearly specified in the above certificate. An undertaking in the prescribed form will be submitted by the bidder. Stringent action including the black listing of the firm from participating tenders of OPTCL may be taken for furnishing forged documents.
iv. The Bidder will have positive net worth as on 31/03/2024	iv. The Bidder will have positive net worth as on 31/03/2025
v. The bidder must have INR 3.2 crore liquid asset in hand.	v. The bidder must have INR 5.31 crore liquid asset in hand.
vi. Bid capacity must be equal to or more than 15.80 Crores.	vi. Bid capacity must be equal to or more than 26.55 Crores.

Previous 3(three) financial year means FY 2022-23, FY 2023-24, FY 2024-25.

(B) <u>Modifications in the Tender Specifications:</u>

i. PART-I ,SECTION-V,JOB-1: PMU TECHNICAL/FUNCTIONAL REQUIREMENTS, Clause 1.3.(xv)

PART-I, SECTION-V, JOB-1: PMU TECHNICAL/FUNCTIONAL REQUIREMENTS, Clause 1.3(xv) is hereby modified as follows;

The offered PMUs shall meet the measurement compliance for both M-class and/or P-class of measurements as given in Section 5.5- Measurements Compliance of IEEE C37.118.1-2011 standard & amendment of IEEE C37.118.1a-2014, which shall be user selectable. **The Bidder shall submit the test reports for measurement compliance for both class of measurements along with the Bid.**

ii. PART-I ,SECTION-V,JOB-1: PMU TECHNICAL/FUNCTIONAL REQUIREMENTS, Clause 1.3.(xxvi)

PART-I, SECTION-V, JOB-1: PMU TECHNICAL/FUNCTIONAL REQUIREMENTS, Clause 1.3(xxvi) is hereby modified as follows;

PMU real-time output reporting latency shall be determined for each reporting rate Fs using at least 1000 consecutive messages. The reporting latency is the maximum of these values. The latency shall be determined to an accuracy of at least 0.0001 s.

Performance Class	**Maximum Measurements reporting Latency (s)**
M Class and/or P-Class	5/Fs or 7/Fs

iii. PART-I , SECTION-V, JOB-2: APPENDIX-I, PART: B (GTP), 16.7 PHASOR MEASUREMENT UNIT (PMU), MEASUREMENT OUTPUT, SL no- 12 & 15.

MEASUREMENT OUTPUT			
12	Performance Class	M class and/or P class	
13	Test Compliance as per IEEE 37.118	Bidder to fill the values as per test conducted inthe lab for each individual values both in steadystate and Dynamic State as per IEEE C37.118 Standard	
14	Environmental Condition During testing	Bidder to fill the environmental condition duringtesting for each test.	
15	Reporting rates (Frame per second)	The PMU shall support data 'Reporting Rates' of 10, 25, and 50 or above frames/samples per second for 50 Hz System. The actual sample rate should be user selectable.	

(C) Clauses added in Tender Specification:

i. PART-I, SECTION-V, JOB-1: PMU TECHNICAL/ FUNCTIONAL REQUIREMENTS, Clause 1.3.(xxxiii)

The Phasor Measurement Unit (PMU) shall support high-speed analog signal (A/D Conversion) sampling at a rate greater than or equal to 32 samples per power cycle (i.e., >= 1,600 samples/sec for 50 Hz systems). The PMU shall also support configurable reporting (frame) rates compliant with IEEE C37.118.1-2011, including all subsequent amendments. For 50 Hz systems, the reporting rates shall include at minimum: 10 frames per second (fps), 25 fps & 50 fps. The actual sample rate should be user selectable. Support for 100 fps reporting is preferred for advanced or special applications, although it is not mandatory. The PMU shall meet the applicable performance requirements of P-class and/or M-class as defined in the standard, including under dynamic and steady-state conditions.

Hereby the related modified/added clause for G.T.C.C & technical specification mentioned above supersedes the original clause. Bidders may participate accordingly.

-sd-

Director (SLDC)

OPTCL, Bhubaneswar