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NIT NO: CMC/BY/25-26/RS/SkS/MD/8 (RFx - 2200000131)

CORRIGENDUM-1

Dated 13.08.2025

Refer to NIT No. CMC/BY/25-26/RS/SkS/MD/8 (RFx - 2200000131) dated 22.07.2025 for "Supply, erection, testing, & commissioning of Nitrogen Injection Fire Protection System (NIFPS) at various grids."

Please note the following updates to the aforementioned NIT:

1. **Response to Pre-Bid Queries**

Responses to queries raised by prospective bidders through emails have been published.

2. **Correction in Annexure 2.05**

A typographical error was identified in Annexure 2.05 of the NIT. The revised Commercial Terms and Conditions Summary (Annexure 2.05) has now been published.

3. **Extension of Bid Submission Date:**

The due date for bid submission has been extended to 22.08.2025.

All other terms and conditions mentioned in NIT No. CMC/BY/25-26/RS/SkS/MD/8 (RFx - 2200000131) shall remain unchanged.

This corrigendum forms an integral part of the tender document and must be submitted along with the bid.

**PRE-BID MEETING QUERIES**

**Project Title: SUPPLY, ERECTION, TESTING, & COMMISSIONING OF NITROGEN INJECTION FIRE PROTECTION SYSTEM (NIFPS) AT VARIOUS GRIDS**

**Tender NIT No.:** CMC/BY/25-26/RS/SkS/MD/8 (RFx no: 2200000131)

**Pre-Bid Meeting Date:** 30.07.2025

Sr. No.	Tender Clause No. / Page No.	Tender Requirement / Description	Query / Clarification Requested	Response by BYPL
1	VOLUME – I, Page No. 2 of 17, Clause no. 1.04	Earnest Money Deposit (EMD) of ₹1,88,000/- (One Lakh Eighty-Eight Thousand only) valid for 120 days from the due date of bid submission in the form of BG/FD/online transfer of the requisite amount through IMPS/NEFT/RTGS. Any such bid submitted without EMD shall be rejected.	Kindly confirm whether EMD exemption is applicable for registered MSME and NSIC manufacturers as per prevailing government guidelines.	EMD exemption shall not be applicable. All participants are required to submit the EMD as specified in the NIT.
2	VOLUME – I, Page No. 4 of 17, Clause no. 2.01, S No. 4	The bidder should have supplied minimum 100 nos of NIFPS in last 7 years from the date of bid opening to any Utilities/SEB's/PSU's/Govt Organization/reputed company wherein the end user shall be Utility/SEB's/PSU's.	Please clarify whether reputed companies as an end user, such as Tata Power, Adani Electricity Mumbai Limited, etc., will be considered acceptable. Also, we request that the minimum supply quantity be reduced to encourage healthy and fair competition prices.	Tata Power and Adani Electricity are comes under utilities. In the QR it is clearly mentioned.
3	VOLUME – I, Page No. 5 of 17, Clause no. 2.02, S No. 5	The bidder should possess valid Electrical Contractor License issued by competent statutory agency to undertake work in NCT Delhi. In case bidder is not having this license, suitable sub-contractor having the valid license shall be engaged for works at site wherein copy of valid license shall be submitted to BYPL before the start of the work OR Bidder to give undertaking that it will be obtained by them before the start of the work at site.	We request that this clause be relaxed to allow electrical contractor licenses issued from any Indian state, instead of limiting to NCT Delhi only. This will encourage wider participation and competitive bidding, while still ensuring licensed work is undertaken.	Electrical contractor licenses must be valid for executing work within the NCT of Delhi.
4	VOLUME – I, GCC Page No. 20 of 31 Clause No. 9.1; VOLUME – I, GCC Page 31 of 31 QUANTITY AND DELIVERY REQUIREMENTS Table- Tentative project completion schedule; VOLUME – I, Appendix- II, Page 6 of 6, Annexure 2.05 Table, S. no. 6	WORK COMPLETION PERIOD: Within 30 days from the date of issue or order/intimation of site. In GCC: Project to be completed within 03 Months from the LOI/PO/WO date (including Supply & ETC). In Appendix-II: Delivery to be completed within 03 Months from LOI/PO date or as per schedule provided by BYPL. ITC shall be completed within 30 days from the date of issue or order/intimation of site.	There are multiple and differing completion timelines mentioned—30 days for ITC and 3 months for Supply & ETC. Kindly clarify the exact and final timelines applicable for: a) Supply b) Installation, Testing & Commissioning (ITC) c) Overall project completion.	Project to be completed within 03 Months from the LOI/PO/WO date (including Supply & ETC). Delivery shall be completed within 02 Months from the LOI/PO date or completion as per the schedule provided by BYPL and ITC shall be completed within 30 days from the date of issue or order / intimation of site.
5	Volume-III, Table Scope of Supply, S No. 2, 3, 4 & 5 Volume-III, TECHNICAL SPECIFICATION, Page No. 4 of 12, Clause No. 1.2.0	2. Complete civil work which will be required for Installation of NIFPS oil pit for the storage of oil coming out from the transformer. NIFPS pit storage capacity should be 2KL (Min) of oil 3. Plinth foundation for Fire extinguishing cubicle (FEC) 4. Fire wall for fire extinguishing cubicle (FEC) to be provided. Firewall (minimum 2 hrs fire withstand capacity) will be provided around FEC with the height of 600 mm from the top of FEC to protect it from fire of the transformer. 5. Fire wall cutout hole and sealing of fire wall if required for drain pipe and nitrogen pipes crossing are also in the scope of bidder. <b>In technical Specification mentioned-</b> Any modifications if required for installation of Nitrogen Injection Fire Protection system on existing power transformer of various rating ranging from 10MVA to 25MVA shall be in scope of bidder. All material, tools, tackles, hardware, testing equipments and manpower required for the modification shall be in scope of bidder except for any type of civil work like fire wall, soak pit etc.	There is a contradiction regarding civil work scope. Scope Table includes civil works like firewall, oil pit, etc., while Technical Specification excludes civil work (e.g., firewall, soak pit).  Kindly clarify the exact scope of civil work under bidder's responsibility.	Civil work for NIFPS FEC Foundation, Oil pit, and Fire wall for FEC cubicle will be in the scope of Bidder.

**PRE-BID MEETING QUERIES**

**Project Title: SUPPLY, ERECTION, TESTING, & COMMISSIONING OF NITROGEN INJECTION FIRE PROTECTION SYSTEM (NIFPS) AT VARIOUS GRIDS**

**Tender NIT No.:** CMC/BY/25-26/RS/SkS/MD/8 (RFx no: 2200000131)

**Pre-Bid Meeting Date:** 30.07.2025

Sr. No.	Tender Clause No. / Page No.	Tender Requirement / Description	Query / Clarification Requested	Response by BYPL
6	Volume-III, TECHNICAL SPECIFICATION, Page No. 4 of 12, Clause No. 1.2.0	Any modifications if required for installation of Nitrogen Injection Fire Protection system on existing power transformer of various rating ranging from 10MVA to 25MVA shall be in scope of bidder. All material, tools, tackles, hardware, testing equipments and manpower required for the modification shall be in scope of bidder except for any type of civil work like fire wall, soak pit etc. Bidder if feels shall conduct physical survey of the power transformer to check feasibility and quantum of work involved.	Please confirm the transformer ratings and substation-wise distribution of all 5 transformers, including how many transformers are installed at each substation location.	Transformer rating will be 25/31.5MVA. The substation locations will shared during the technical evaluation
7	Volume-III, TECHNICAL SPECIFICATION, Page No. 6 of 12, Clause No. 7.1.0	<b>Fire Extinguishing Cubicle (FEC)</b> The FEC shall be made of CRCA sheet of 3 mm (minimum) thick complete with the base frame, painted inside and outside with post office red colour (shade 538 of IS-5).	As per general industry practice, CRCA sheet thickness for the FEC is typically 2 mm with a 3 mm frame. Kindly clarify whether the use of a 3 mm sheet is mandatory as per the tender specification.	Will be confirmed during the technical evaluation
8	Volume-III, TECHNICAL SPECIFICATION, Page No. 7 of 12, Clause No. 7.1.0	<b>Fire detectors</b> The system shall be complete with adequate number of fire detectors (quartz bulb) fitted on the top cover of the transformer / reactor oil tank. The system generates signal after sensing higher temperature. The placing of fire detectors and numbers shall be designed and finalized by bidder as per requirement.	Kindly confirm the temperature rating required for the fire detectors (quartz bulb type) mentioned in the specification.	Will be confirmed during the technical evaluation
9	<b>Section 1 - Request for Quotation</b> <b>2.01 Sr No 4</b>	The bidder should have supplied minimum 100 nos of NIFPS in last 7 years from the date of bid opening to any Utilities/SEB's/PSU's/Govt Organization/reputed company wherein the end user shall be Utility/SEB's/PSU's.	We understand that 100 Nos NIFPS system to be supplied in any Utility / SEB or any Private well known companies. Kindly confirm	Not clear about the Private well known companies.  As per the QR, The bidder should have supplied minimum 100 nos of NIFPS in last 7 years from the date of bid opening to any Utilities/SEB's/PSU's/ Govt Organization/reputed company wherein the <b>end user shall be Utility/SEB's/PSU's.</b>
10	<b>Section 1 - Request for Quotation</b> <b>2.01 Sr No 5</b>	Performance certificate for minimum 1 year satisfactory performance of NIFPS project executed during the last 7 years from the date of bid opening from at least two utilities/ SEB/ PSUs / Govt. organization. In case of bidder has previous association with BYPL/BRPL for similar product and service, the performance feedback from BYPL/BRPL shall only be considered irrespective of performance certificates issued by any third party organization.	We understand that 1 year Performance certificate required from any Unility / SEB / PSU / Govt Organization - such reports are required from only 2 project / client. Kindly confirm	Performance certificate for minimum 1 year satisfactory performance of NIFPS project executed during the last 7 years from the date of bid opening from at least two utilities/ SEB/ PSUs / Govt. organization i.e. <b>two different entities.</b>
11	<b>Section 1 - Request for Quotation</b> <b>2.02 Sr No 5</b>	The bidder should possess valid Electrical Contractor License issued by competent statutory agency to undertake work in NCT Delhi. In case bidder is not having this license, suitable sub-contractor having the valid license shall be engaged for works at site wherein copy of valid license shall be submitted to BYPL before the start of the work OR Bidder to give undertaking that it will be obtained by them before the start of the work at site.	We understand that the Electrical Contractor license issued from any state Govt is required to work in BYPL. Kindly confirm	Electrical contractor licenses must be valid for executing work within the NCT of Delhi.

**PRE-BID MEETING QUERIES**

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**Tender NIT No.:** CMC/BY/25-26/RS/SkS/MD/8 (RFx no: 2200000131)

**Pre-Bid Meeting Date:** 30.07.2025

Sr. No.	Tender Clause No. / Page No.	Tender Requirement / Description	Query / Clarification Requested	Response by BYPL
12	<b>Annexure 2.05 Page 6 of 6</b>	Delivery shall be completed within 03 Months from the LOI/PO date or completion as per the schedule provided by BYPL. ITC shall be completed within 30 days from the date of issue or order / intimation of site.	We understand that the delivery of equipment is to be completed in 3 months from date of PO / LOI. ITC activities to be completed in 30 days from intimation of readiness of site. Both Delivery and ITC activities period are different. Kindly confirm	Project to be completed within 03 Months from the LOI/PO/NO date (including Supply & ETC). Delivery shall be completed within 02 Months from the LOI/PO date or completion as per the schedule provided by BYPL and ITC shall be completed within 30 days from the date of issue or order / intimation of site.
13	<b>Annexure 3 Scope of supply - 3</b>	Plinth foundation for Fire extinguishing cubicle (FEC)	We understand that all Civil work for FEC, Fire Wall, Support of NIFPS piping as well support Civil Structure is in scope of Vendor. Kindly Confirm	Bidder scope only.
14	<b>Scope of supply - 4</b>	Fire wall for fire extinguishing cubicle (FEC) to be provided. Firewall (minimum 2 hrs fire withstand capacity) will be provided around FEC with the height of 600 mm from the top of FEC to protect it from fire of the transformer.		
15	<b>Scope of supply - 6</b>	Supporting of oil drain pipe and nitrogen injection pipes		
16	<b>Scope of Demarcation - 5</b>	Construction Power and Construction Water - Although existing BYPL Power and water may be used if available on chargeable basis	What are the charges for use of Existing Power and Water. Kindly clarify	Will be informed during detail Engineering
17	<b>Scope of Demarcation - 5</b>	Power Supply (AC& DC) required for NIFPS, to be taken from the existing Panels. - Power source Point will be shown by BYPL	Please share the tentative distance of AC & DC power source from where the power is to be obtained	Bidder to carry the site survey for BOQ estimation. NIFPS site locations will be shared to bidder.
18	<b>Technical specification 5.0</b>	Fire detectors placed on the top of transformer/reactor tank are to be connected in parallel to the signal box by Fire survival cables	In our system we will be using LHS system hence we don't need any Fire Survival cables. BSES Rajdhani has accepted LHS detector in their recent tender (Tender : BRPL - TS - 24 - NIFPS as attached). Kindly confirm	Share the complete details along with the type test reports for review
19	<b>Technical specification 7.1.b</b>	Oil drain pipe with mechanical quick drain valve.	In our system we don't require to run Oil Drain pipe through FEC. The same is also accepted in BSES Rajdhani tender - BRPL - TS - 24 - NIFPS. Kindly confirm	Point is not clear
20	<b>Technical specification 7.3.0</b>	Transformer conservator isolation valve (TCIV) to be fitted in the conservator pipe line, between conservator and buchholz relay which shall operate for isolating the conservator during abnormal flow of oil due to rupture / explosion of tank or bursting of bushing.	BSES Rajdhani tender - BRPL - TS - 24 - NIFPS has accepted Electrically operated TCIV as per new central guidelines. We also will be supplying Electrically operated TCIV. Kindly confirm.	Please share the finalized Gazette Central Guideline document for review.
21	<b>Technical specification 7.4.0</b>	The system shall be complete with adequate number of fire detectors (quartz bulb) fitted on the top cover of the transformer / reactor oil tank.	Kindly confirm the Temperature rating of Fire Sensor (AS per latest IS, the flash point of Transformer oil is set @ 135 Degree C)	Will be confirmed during detail Engineering
22		BSES Rajdhani as well other utility have defined to measure the flow of TCIV as well its open / close condition during working condition of transformer. The same is also required to be requested by BSES Yamuna	Kindly confirm.	Please provide offered NIFPS operation along with the test reports

**COMMERCIAL TERMS AND CONDITIONS SUMMARY**

S N	PARTICULARS	AS PER BYPL	BIDDER'S CONFIRMATION
1	Validity	120 days from the date of submission of bid	
2	Price basis	<b>"Firm"</b> , FOR Delhi store basis. Prices shall be inclusive of all taxes & duties, freight upto Delhi stores.	
3	Unloading	Unloading at stores shall be in vendor's scope	
4	Transit insurance	Transit insurance in Bidders scope	
5	Payment terms	<p><b>Supply:-</b>  <b>Part 1)</b> 90% of basic value with 100% taxes and duties shall be payable against R/A bills for supply of equipment and materials within 45 days against receipt &amp; acceptance of material at site and submission of documents duly certified by BYPL Project-in-charge.  <b>Part 2)</b> Balance 10% of basic value (supply) shall be paid within 45 days on completion of successful acceptance testing, commissioning and handing over of complete systems duly certified by BYPL Engineer-in-Charge  <b>Services:-</b>  100% payment shall be due after 45 days of submission of your bills, from the date of successful testing, commissioning and handing over of the entire installation along with work completion certificate at our office.</p>	
6	Project Schedule	<p>The overall project duration shall be 03 (three) months from the date of issuance of the LOI/PO.  Delivery of material shall be completed within 02 (two) months from the LOI/PO date, or as per the schedule provided by BYPL.  Installation, Testing &amp; Commissioning (ITC) shall be completed within 30 (thirty) days from the date of issue of order or intimation of site readiness by BYPL.</p>	
7	Defect Liability period	60 months after commissioning or 66 months from the last date of dispatch, whichever is earlier	
8	Penalty for delay	<p><b>Supply:-</b>  1% per week of delay of the basic value (ex-works value) of undelivered units or part thereof subject to maximum of 10% of total basic value (ex-works value) of undelivered units.  <b>Services:-</b>  1% of the Total order value (without GST) for each week or part there of delay until the actual date of completion up to a maximum deduction of 10% of Total order value (without GST).</p>	
9	Performance Bank Guarantee	10% of the PO value (including GST) valid for a period of 60 months from the date of last receipts at site/stores plus 3 months claim period.	