

SYAMA PRASAD MOOKERJEE PORT, KOLKATA

HALDIA DOCK COMPLEX

E-Tender No. SDM(P&E)/T/ 83 /2020-2021

Supply, Installation, Testing and Commissioning of 11kV/3.3kV/415V Panel along with allied works for augmentation of GC Berth Sub-station including construction of sub-station building at GC Berth area of Haldia Dock Complex, SMP, Kolkata.

ADDENDUM - IV

CORRECTIONS / ADDITIONS / DELETIONS, ETC.

[Total Number of Pages : 4]

NOTE :

1. This “Addendum-IV” should be read in conjunction with Bidding Document (including Notice Inviting e-Tender).
2. Consequential changes, arising out of this Addendum-IV, will be deemed to have been effected, even if the same were not incorporated specifically in the Bidding Document.
3. All other terms and conditions of the Bidding Document (including Notice Inviting e-Tender) will remain unchanged.

Addendum -IV

E-Tender No. SDM(P&E)/T/ 83 /2020-2021

| Sl. No. | Page No. | Clause No. | As specified in the Bidding Document | To be deleted & read as / Remarks |
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| 1. | 97 | 5.0 | <p><u>INDOOR 11kV HT VCB PANEL</u></p> <p>This includes supply at site, Vacuum Circuit Breaker, suitable for 12kV, 25kA, 630A, 500MVA, 3 Phase, 50 HZ effectively earthed, neutral system comprising of proper housing of breaker, safety shutters, isolating plugs and socket and VCB trolley with 3 nos. Vacuum Interrupters with safe aligning finger type, isolating contacts suitable for vertical/horizontal isolation and horizontal draw out. Necessary control Protection and metering circuits are completely assembled, wired and enclosed in a weather and dust proof cubicle.</p> <p>.....</p> <p>m) Epoxy cast resin CTs with 15VA burden, STR of 25 kA for 1 sec., metering accuracy class 0.5 and protection accuracy 5P20 and having of CTR 400-200/5-5A.</p> <p>-----</p> | <p><u>INDOOR 11kV HT VCB PANEL</u></p> <p>This includes supply at site, Vacuum Circuit Breaker, suitable for 12kV, 25kA, 630A, 500MVA, 3 Phase, 50 HZ effectively earthed, neutral system comprising of proper housing of breaker, safety shutters, isolating plugs and socket, Cassette type VCB trolley with 3 nos. Vacuum Interrupters with safe aligning finger type, isolating contacts suitable for vertical/horizontal isolation and horizontal draw out. Necessary control Protection and metering circuits are completely assembled, wired and enclosed in a weather and dust proof cubicle.01No.(one) Breaker handling trolley shall be provided.</p> <p>.....</p> <p>m) Epoxy cast resin CTs with 15VA burden, STR of 25 kA for 1 sec., metering accuracy class 0.5 and protection accuracy 5P20 and having of CTR 400-200/1-1A (To be finalised during detail engineering).</p> <p>-----</p> <p>aa) Generator Incomer: Numerical relays consist of IDMTL + Inst 3 O/C + Inst E/F relay+ Over voltage+ under voltage, +frequency+ Over excitation + Three-phase thermal overload protection+ Differential + REF + Reverse power. Trip circuit supervision & master trip. All relays shall be SCADA enabled with event/data logging features.</p> <p>The Multi-Function Meter (MFM) shall be digital type of approved make and it should display Amps, Volts, kVA, kW, kWhr, kVAR, PF, Frequency and etc. The meter shall provide with external port for remote monitoring.</p> <p>Trivector meter not required.</p> |

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| | | | | ab) Bus coupler feeder will have Digital Voltmeter. |
| 2. | | | <ul style="list-style-type: none"> Outgoing Feeder (without PT): <p>Technical Specification same as Incoming feeder but without PT. The auxiliary relay for transformer shall be provided.</p> <p>The VCB shall be complete with necessary interconnection with fine feruled wiring, foundation bolts, earthing, etc. The VCB shall be supplied to conform to relevant IS, amended up to date, along with manufacturers test certificate. Required no. of Danger board /Stickers of HT voltage in two languages English/Hindi is to be provided on the panel.</p> <p>Epoxy cast resin CTs with 15VA burden, STR of 25 kA for 1 sec., metering accuracy class 0.5 and protection accuracy 5P20/PS and having of CTR 400-200/5-5-5A.</p> | <ul style="list-style-type: none"> Outgoing Feeder (without PT): <p>Technical Specification same as Incoming feeder but without PT. Transformer feeders will have auxiliary relays. Numerical relays consist of IDMTL + Inst 3 O/C + Inst E/F relay. Trip circuit supervision & master trip. All relays shall be SCADA enabled with event/data logging features.</p> <p>The Multi-Function Meter (MFM) shall be digital type of approved make and it should display Amps, Volts, kVA, kW, kWhr, kVAR, PF, Frequency and etc. The meter shall provide with external port for remote monitoring.</p> <p>Spare feeders shall be Trivector meters of digital type of approved make and it should display Amps, Volts, kVA, KW, kWhr, kVAR, PF and MD etc. The meter shall provide with external port for remote monitoring</p> <p>The VCB shall be complete with necessary interconnection with fine feruled wiring, foundation bolts, earthing, etc. The VCB shall be supplied to conform to relevant IS, amended up to date, along with manufacturers test certificate. Required no. of Danger board /Stickers of HT voltage in two languages English/Hindi is to be provided on the panel.</p> <p>Epoxy cast resin CTs with 15VA burden, 28KV/75KVp STR of 25 kA for 1 sec., metering accuracy class 0.5 and protection accuracy 5P20 and having of CTR 400-200/1-1A (to be finalised during detail engineering).</p> |
| 2. | 99 | 5.0 B) | <p><u>INDOOR 3.3kV HT VCB PANEL</u></p> <p>This includes supply at site, Vacuum Circuit Breaker, suitable for 3.3kV, 25kA, 1250A, 500MVA, 3 Phase, 50 HZ effectively earthed, neutral system comprising of proper housing of breaker, safety shutters, isolating plugs and socket and VCB trolley with 3 nos. Vacuum Interrupters with safe</p> | <p><u>INDOOR 3.3kV HT VCB PANEL</u></p> <p>This includes supply at site, Vacuum Circuit Breaker, suitable for 3.3kV, 25kA, 1250A, 500MVA, 3 Phase, 50 HZ effectively earthed, neutral system comprising of proper housing of breaker, safety shutters, isolating plugs and socket, Cassette type VCB trolley with 3 nos. Vacuum Interrupters with safe aligning finger</p> |

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| | | | <p>aligning finger type, isolating contacts suitable for vertical/horizontal isolation and horizontal draw out. Necessary control Protection and metering circuits are completely assembled, wired and enclosed in a weather and dust proof cubicle.</p> <p>.....</p> <p>g) Epoxy cast resin CTs with 15VA burden, STR of 25 kA for 1 sec., metering accuracy class 0.5 and protection accuracy 5P20/PS and having of CTR 1250-800/5-5-5A.</p> <p>.....</p> | <p>type, isolating contacts suitable for vertical/horizontal isolation and horizontal draw out. Necessary control Protection and metering circuits are completely assembled, wired and enclosed in a weather and dust proof cubicle.01No.(one) Breaker handling trolley shall be provided.</p> <p>.....</p> <p>f) Epoxy cast resin CTs with 15VA burden, 3.6kv, 28KV/75KVp, STR of 25 kA for 1 sec., metering accuracy class 0.5 and protection accuracy 5P20/PS and having of CTR 1250-800/1-1-1A(to be finalised during detail engineering).</p> <p>.....</p> <p>aa) Bus coupler feeder will have Digital Voltmeter.</p> |
| 3. | | | <p><u>INDOOR 3.3kV HT VCB PANEL</u></p> <ul style="list-style-type: none"> Outgoing Feeder (without PT): <p>Technical Specification same as Incoming feeder but without PT.</p> <p>The VCB shall be complete with necessary interconnection with fine feruled wiring, foundation bolts, earthing, etc. The VCB shall be supplied to conform to relevant IS, amended up to date, along with manufacturers test certificate. Required no. of Danger board /Stickers of HT voltage in two languages English/Hindi is to be provided on the panel.</p> <p>Epoxy cast resin CTs with 15VA burden, STR of 25 kA for 1 sec., metering accuracy class 0.5 and protection accuracy 5P20/PS and having of CTR 400-200/5-5-5A.</p> <p>The necessary approval of the drawing of VCB panel shall be obtained from HDC before fabrication. Panel shall be connected with earthing as per IER.</p> | <p><u>INDOOR 3.3kV HT VCB PANEL</u></p> <ul style="list-style-type: none"> Outgoing Feeder (without PT): <p>Technical Specification same as Incoming feeder but without PT. Transformer feeders will have auxiliary relays. Numerical relays consist of IDMTL + Inst 3 O/C + Inst E/F relay. Trip circuit supervision & master trip. All relays shall be SCADA enabled with event/data logging features.</p> <p>The Multi-Function Meter (MFM) shall be digital type of approved make and it should display Amps, Volts, kVA, kW, kWhr, kVAR, PF, Frequency and etc. The meter shall provide with external port for remote monitoring.</p> <p>RMQC (1 to 3), Spare and TMIL feeders shall be Trivector meters of digital type of approved make and it should display Amps, Volts, kVA, KW, kWhr, kVAR, PF and MD etc. The meter shall provide with external port for remote monitoring.</p> <p>The Trivector meters not required for other outgoing feeders.</p> <p>The VCB shall be complete with necessary interconnection with fine feruled wiring, foundation bolts, earthing, etc. The VCB</p> |

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| | | | | <p>shall be supplied to conform to relevant IS, amended up to date, along with manufacturers test certificate. Required no. of Danger board /Stickers of HT voltage in two languages English/Hindi is to be provided on the panel.</p> <p>Epoxy cast resin CTs with 15VA burden, STR of 25 kA for 1 sec., metering accuracy class 0.5 and protection accuracy 5P20 and having of CTR 400-200/1-1A (to be finalised during detail engineering.</p> <p>The necessary approval of the drawing of VCB panel shall be obtained from HDC before fabrication. Panel shall be connected with earthing as per IER.</p> |

SYAMA PRASAD MOOKERJEE PORT, KOLKATA

HALDIA DOCK COMPLEX

QUERIES OF DIFFERENT FIRMS IN CONNECTION WITH THE PRE-BID MEETING HELD ON 16.07.2021

for

“Supply, Installation, Testing and Commissioning of 11kV/3.3kV/415V Panel along with allied works for augmentation of GC Berth Sub-station including construction of sub-station building at GC Berth area of Haldia Dock Complex, SMP, Kolkata”.

E-Tender No. SDM(P&E)/T/83/2020-2021

| Sl. No. | Reference | Queries of the firms | HDC, KoPT's Clarifications |
|----------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Page No.133 of 269 List of Approved makes | Approved make of VCB panel is SIEMENS /ABB / SCHNEIDER, kindly consider L&T make VCB Panel for subject tender. | Tender condition prevails. |
| 2. | Page No.6 & 7 of 269 SOT of the tender. | While going through the Eligibility Criteria we had noticed some discrepancy which are given below. 1.As per Sl. No. 3.5(i) & (ii) of Schedule of Tender (SOT), for exemption of bid document fee, Bidders to upload the scanned copy of the exemption certificate in electronic format and for EMD, to upload a “Bid Security Declaration” as per “Annexure-B” format. 2. As per “NOTE” given below that “Exemption of Bid Document Fee” and “Bid Security Declaration” are to be physically deposited in the office of Tendering Authority. 3. As per Sl. No. 3.3 Schedule of Tender (SOT), no | EMD:- All bidders shall upload “Bid Security Declaration” as per “Annexure-B” format and shall physically deposited the same at the office of Tendering Authority [Sr. Dy. Manager (P&E)], Haldia Dock Complex, Operational Administrative Building(1st floor),Chiranjibpur, Haldia, PIN 721604. Bid Document fee: - a) For MSME / Micro & Small Enterprises (MSEs) / DIC / SSI / National Small Industries Corporation (NSIC) or any empowered Central / State Govt. authority, bidders shall upload the scanned copy of the certificate and shall physically deposit the same at the |

| Sl. No. | Reference | Queries of the firms | HDC, KoPT's Clarifications |
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| | | <p>physical tender is acceptable and in "SPECIAL NOTE" as per Sl. No. 4.1.3 of Section IV (Instructions for Online Bid Submission), the Pre-qualification & Techno-commercial Bid and Price Bid to be submitted online only.</p> <p>You are requested to kindly clarify the matter whether we had to upload the scanned copy of the above mentioned documents and also to submit the same in hard copy</p> | <p>office of Tendering Authority [Sr. Dy. Manager (P&E)], Haldia Dock Complex, Operational Administrative Building(1st floor),Chiranjibpur, Haldia, PIN 721604.</p> <p>b) For other bidders: The intending bidders should deposit Rs 2,950.00 (Indian Rupees: Two thousand nine hundred and fifty) only [including GST @ 18%], as Bid document Fee (non-refundable), to Haldia Dock Complex, through DD/Banker Cheque in favour of Syama Prasad Mookerjee Port, Kolkata on any Scheduled/Nationalized Bank payable at Haldia, upload a copy of DD/Banker Cheque and shall physically deposit the DD/Banker Cheque at the office of Tendering Authority [Sr. Dy. Manager (P&E)], Haldia Dock Complex, Operational Administrative Building(1st floor),Chiranjibpur, Haldia, PIN 721604.</p> <p>Bid Security Declaration and Bid Document fee/exemption of bid document fee shall be submitted separately in a single sealed envelope, mentioning Tender no. with proper marking.</p> |