



TECHNICAL TEMPLATE

NFV/PUR/BEA240378

ITEM: **BATTERY CHARGER**

S.No.	Item Code	Description /NFL Requirement as per NIT	Vendors Comment (Agreed / If not Agreed, Please Comment)
1.0	EA0230001	Auxiliary Transformer PCB,I/P:415VAC, O/P:0-19, 0-33VAC common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
2.0	EA0230002	Fuse Monitor for SCR,UIP/FM/ Aux Supply 0-19V Sensing - 150VAC common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
3.0	EA0230003	Single Phase Preventor1, 21,415 Aux.Supply common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
4.0	EA0230004	Annunciator,Aux.Sup.: 24VDC, Annunciation 12 Window with RS 485 common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
5.0	EA0230005	Annunciator, Aux.Sup.: 24VDC, Annunciation 8 Window with RS 485 common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
6.0	EA0230006	FAN Fail PCB,UIP/FAN FAIL PCB Aux Supply 230VAC common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
7.0	EA0230007	AC I/P MCCB FC 3P, 50A, 415VAC, 50KA with trip alarm for BC08322 &BC042	
8.0	EA0230008	AC I/P MCCB BC 3P, 20A, 415VAC, 50KA with trip alarm for BC08322 &BC0422	
9.0	EA0230009	AC I/P MCCB FC, 3P, 20A, 415VAC, 50KA with trip alarm for BC0522	
10.0	EA0230010	AC I/P MCCB BC, 3P, 16A, 415VAC, 50KA with trip alarm for BC0522	
11.0	EA0230020	BATTERY CURRENT TRANCDUCER,I/P:0-75mV, O/P: 0-10V, Aux.Sup. 240VAC/VDC common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
12.0	EA0230021	Blocking Diode FC 250UMR/1200 for BC08322 & BC0422	
13.0	EA0230022	Blocking Diode BC 70HMR/1200 for BC08322 & BC0422	

14.0	EA0230023	BATTERY MCCB, 4P, 63A, 110VDC, with trip alarm for BC0522	
15.0	EA0230024	BATTERY MCCB, 4P, 200A,110VDC, with trip alarm for BC08322 &BC0422	
16.0	EA0230025	Blocking Diode FC ,70HMR/1200 for BC0522	
17.0	EA0230026	Blocking Diode BC 40HMR/1200 for BC0522	
18.0	EA0230027	Dropping Diode, 101A/1600V for BC0522	
19.0	EA0230028	Blocking Diode 400UMR/1200 for BC08622	
20.0	EA0230029	Dropping Diode, 400UMR/800, 400UM/800 for BC08622	
21.0	EA0230030	DC O/P MCCB, 3P, 400A, 110VDC, with trip alarm for BC08622	
22.0	EA0230031	BATTERY MCCB, 4P, 400A, 110VDC, with trip alarm for BC08622	
23.0	EA0230127	SCR Controller, UIP-3Ph SCR Controller common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
24.0	EA0230129	CAPACITOR : MAKE : KENDEIL INFRAD,4700 mfd, 250VDC common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
25.0	EA0230130	Voltage Adj./ Current Adj.,10K/1W common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
26.0	EA0230131	3 Pole, Power AC Contactor FC 3 Pole, Power,50A, 230VAC Coil + 2NO for BC08322 &BC0422	
27.0	EA0230132	3 Pole, Power AC Contactor BC 3 Pole, Power,22A, 230VAC Coil + 2NO for BC08322 & BC0422	
28.0	EA0230133	3 Pole, Power AC Contactor FC,3 Pole, Power,22A, 230VAC Coil + 2NO for BC0522	
29.0	EA0230134	3 Pole, Power AC Contactor BC 3 Pole, Power,12A, 230VAC Coil + 2NO for BC0522	
30.0	EA0230135	3 Pole, Power AC Contactor, 3 Pole, Power,120A, 230VAC Coil + 2NO for BC08622	
31.0	EA0230136	Snubber Circuit,3-Phase With RC Network For Transformer Secondary common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
32.0	EA0230137	Charger DC UV,UIP/ DCUV-OV/ Sensing - 110VDC common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	

33.0	EA0230138	Feed back Resistor PCB,22K/5W, 1K/1/2W common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
34.0	EA0230201	Dropping Diode 200LMR/800, 200LM/800 for BC08322 &BC0422	
35.0	EA0230202	DC O/P MCCB FC 3P, 200A, 110VDC, with trip alarm for BC08322 &BC0422	
36.0	EA0230203	DC O/P MCCB BC 3P, 63A, 110VDC, with trip alarm for BC08322 &BC0422	
37.0	EA0230312	AC I/P MCCB BC, 3P, 120A, 415VAC, 50KA with trip alarm for BC08622	
38.0	EA0230340	Fuse Monitor for CAP,UIP/FM/ Sensing - 160VDC common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
39.0	EA0230341	Firing Delay Timer PCB,0-1min, Aux. Supply 230VAC/DC common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
40.0	EA0230342	Auto Float Boost PCB,UIP/AFB Aux. supply 230VAC common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
41.0	EA0230343	SCR fuses FC Semiconductor fuse 250A, 250VAC for BC08322 &BC0422	
42.0	EA0230344	SCR fuses BC Semiconductor fuse 63A, 250VAC for BC08322 &BC0422	
43.0	EA0230345	CAP fuses HRC fuse 40A, for BC08322 &BC0422	
44.0	EA0230346	SCR fuses FC, Semiconductor fuse 63A, 250VAC for BC0522	
45.0	EA0230347	CAP fuses, HRC fuse 40A for BC0522	
46.0	EA0230348	SCR fuses BC, Semiconductor fuse 50A, 250VAC for BC0522	
47.0	EA0230349	CAP fuses,HRC fuse 20A for BC0522	
48.0	EA0230350	SCR fuses Semiconductor fuse 200A, 250VAC for BC08622	
49.0	EA0230351	CAP fuses HRC fuse 250A for BC08622	
50.0	EA0230352	CAP fuses HRC fuse 125A, for BC08322 &BC0422	
51.0	EA0230354	Glass fuse PCB,2A Glass fuse common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	

52.0	EA0230356	For Rectifier FC/BC , 25A/1200PIV for BC0522	
53.0	EA0230357	For FC Overload Protection 14-23A for BC0522	
54.0	EA0230358	Fuse Monitor transformer,230V,19-0-19V, 5VA common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
55.0	EA0230359	For FCBC Overload Protection,6-10A for BC0522	
56.0	EA0230360	For Rectifier,105A/1600PIV for BC08622	
57.0	EA0230361	For FC Overload Protection, 62-99A for BC08622	
58.0	EA0230362	For BC Overload Protection 80-104A for BC08622	
59.0	EA0230480	High Ripple PCB,UIP/HR Aux Supply 24VDC common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
60.0	EA0230610	LOAD VOLTAGE TDR,I/P:0-200V, O/P: 4-20mA, Aux.Sup.240VAC/VDC common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
61.0	EA0230611	LOAD CURRENT TDR,I/P:0-75mV, O/P: 4-20mA, Aux.Sup.240VAC/VDC common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
62.0	EA0230730	Pulse Transformer Circuit, 3-Phase common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
63.0	EA0230731	Earth Leakage PCB,UIP/ELR Sensing 110VDC common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
64.0	EA0230732	Power Supply (SMPS),I/P : 85-270VAC/VDC, O/P : 24VDC/2A common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
65.0	EA0230780	For Multiplying Relay AC,3C/O, 240 VAC Coil common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
66.0	EA0230781	For Multiplying Relay AC,3C/O, 110 VDC Coil common spares for Battery Charger BC08322, BC0422, BC0522 & BC08622	
67.0	EA0230782	1POLE POWER RELAY 1 Pole, Power,180A, 110VDC Coil for BC08322 &BC0422	
68.0	EA0230783	1POLE POWER RELAY, 1 Pole, Power,60A, 110VDC Coil for BC0522	
69.0	EA0230785	For Rectifier BC 25A/1200PIV for BC08322 &BC0422	

70.0	EA0230786	For FC Overload Protection 37-50A for BC08322 &BC0422	
71.0	EA0230787	For FCBC Overload Protection 12-18A For BC08322 &BC0422	
72.0	EA0230788	1POLE POWER RELAY, 1 Pole, Power,400A, 110VDC Coil for BC08622	
73.0	EA0230800	SYNC Aux. Transformer,230V,0-19V, 0-33V, 5VA for BC08622	
74.0	EA0230900	DC O/P MCCB FC, 3P, 63A, 110VDC, with trip alarm for BC0522	
75.0	EA0230901	DC O/P MCCB BC,3P, 32A, 110VDC, with trip alarm for BC0522	

Please confirm below mentioned additional Terms & Condition and attached the copy of the same with bid documents.

1.	Technical Notes	You are requested to provide signed, filled and stamped copy of NIT & Technical Template of bid toward acceptance of the same.	
2.	Technical Notes	Being a Proprietary nature of item M/s. Universal Industrial Products, and have to purchase from the manufacture/ Authorised dealer only. Therefore bidder shall confirm that they have quoted for same make or model as per mentioned above. If any bidder submit his/her offer with other make then his/her offer shall not be evaluated and consider as technical rejected.	
3.	Interchangeability certificate	Please confirm you shall guarantee complete interchangeability of the item(s) with the existing installed one(s) and shall submit Interchangeability Certificate along with despatch documents at no extra cost to NFL.	
4.	Guarantee/Warranty	YOU SHALL FURNISH GUARANTEE CERTIFICATE AGAINST BAD WORKMANSHIP OF MATERIAL AND/OR ANY MANUFACTURING AND OPERATIONAL DEFECT VALID FOR A PERIOD OF 18 MONTHS FROM THE DATE OF SUPPLY OR 12 MONTHS FROM THE DATE OF INSTALLATION, WHICHEVER IS EARLIER. IN CASE THE MATERIAL FAILS DURING GUARANTEE/WARRANTEE PERIOD DUE TO DEFECTIVE MATERIAL OR BAD WORKMANSHIP, YOU WILL HAVE TO REPLACE THE SAME FREE OF COST. THE GUARANTEE CERTIFICATE SHOULD INDICATE OUR ORDER NUMBER AND YOUR INVOICE NUMBER	
5.	EMD	Tenderers may submit Earnest money deposit of Rs. 15,000/- (Rupees Fifteen Thousand only) to NFL Vijapur Unit as per cl.no. 2.0 of Commercial Section.	
6.	Payment Terms	100% of Purchase Order value towards supply portion plus 100% taxes towards supply portion within 30 days after Receipt & Acceptance of Material at our site through RTGS.	
7.	MSME Vendor Payment Through TReDS	Gol has introduce electronic platform for facilitating the financing of trade receivables of MSMEs from buyers, through financiers, which is termed as Trade Receivables Discounting System (TReDS). NFL is already registered on RXIL TReDS platform. MSME bidders are requested to kindly register on the TReDS platform and avail the TReDS facility, if they want to. Bidders upon successful delivery shall submit their invoices along with the mandated enclosures including TReDS details. Upon receipt and acceptance of the supplied material/services and receipt of invoices with the mandated enclosures, NFL shall process the invoice for payment as per details submitted on TReDS platform. Any unfinanced invoice/s of	

		MSME bidders seeking payment from NFL directly shall be processed as per the standard payment terms agreed in PO/contract. All financing cost for using the facility shall be borne by the MSME bidder only.	
8.	Liquidated Damages	1/2 % per week subject to Maximum 5 % of Purchase Order Value + GST as applicable	
9.	SECURITY DEPOSIT	SECURITY DEPOSIT WILL BE @ 5% OF THE VALUE OF P.O AS PER CLAUSE NO 1.0.0 OF COMMERCIAL SECTION.	
10.	Bank Account details	(i) Bank Account No. (ii) Account Type: Current/Savings (iii) Name of Bank (iv) Branch Name (v) Branch Address (vi) IFS/NEFT/RTGS Code (v) MICR Code (vi) Income Tax PAN of Beneficiary	
11.	Delivery Period	To be indicated by the Bidder.	
12.	Signed copy of Tender documents.	Bidders may submit a complete set of Tender Documents duly signed and stamped as a token of acceptance of all the terms and conditions of our NIT.	
13.	T&C Of NIT and GeM bid	PI confirm that you are agreed to all the terms & conditions of our NIT and GeM Bid.	
14.	Contact No	Please give the contact no & e-mail id of the person who is competent for any clarification regarding your offer	

1.0.0 Security Deposit-cum-Performance Bank Guarantee (5% of PO Value)

1.01 Successful Tenderer, for the faithful and proper fulfillment of the contract, shall have to furnish Security Deposit cum Performance Bank Guarantee (SD-cum-PBG) equivalent to 5% (Five Percentages) of Order Value within 30 days of receipt of Purchase Order. Security Deposit shall be furnished in the form of:-

a. E-Transfer in NFL's Bank A/c Details as under:-

- a. NFL's Account No. 1 0 3 4 6 6 7 3 3 1 1
- b. Name of Bank: State Bank of India
- c. Branch Name: NFL Vijaypur (NFL Complex)
- d. Branch Code: 30282
- e. IFS Code: SBIN 0030282

OR

b. By way of a Bank Guarantee from any Nationalized/Scheduled Bank (except Rural and Co-operative Banks) in the format prescribed by NFL (see Annexure-M).

The Bank Guarantee should be valid for the period covering the Full Delivery Period + Guarantee Period plus a claim period of 3 months.

The bank Guarantee should be submitted by bankers directly to NFL in a sealed envelope (by Registered AD Post only).

ON-LINE CONFIRMATION OF BANK GUARANTEE THROUGH SFMS:

The Vender/ Contractor shall also arrange to send BG advice (including all BG amendments) by their issuing bank through SFMS (Structured Financial Messaging System) platform directly to the NFL Banker, i.e. ICICI Bank Ltd, K1, Senior Mall, Sector-18, Noida, Up, 201301, IFSC Code: ICIC0000031, as per following details:

(i) IFN 760 COV for issuance of bank guarantee.

- (ii) IFN 767 COV for amendment of bank guarantee.
- (iii) Issuing bank shall mention IFSC code as ICIC0000031 in field 7035 of IFN 760 COV / IFN 767 COV.
- (iv) Issuing bank shall mention NFL beneficiary code as “NFLNATIONAL04022015” in field 7037 of IFN 760 COV/IFN 767 COV.

- 1.02 Security Deposit shall be retained by NFL during the currency of contract or till settlement of all the accounts thereof, whichever is later. In case of any dispute or difference not settled within the validity of Bank Guarantee, Tenderer shall arrange to get the bank Guarantee extended as asked. NFL shall have the sole discretion to 'Call in' the Bank to pay the whole or part of the amount of Bank Guarantee.
- 1.03 The above deposit shall be deemed to be security for the faithful performance of the contract and for the purpose of Section 74 of the Indian Contract Act, 1872 and for the extension of that section. The contract shall be deemed to be bond given by the tenderer for the performance of an essential duty.
- 1.04 In the event of breach of any of the terms and conditions of the contract, NFL shall have the right to draw from the Bank Guarantee/Security Deposit either the whole or part of value of Bank Guarantee or Deposit and tenderer shall make good the value of Bank Guarantee/Deposit to the extent of the amount so drawn within 15 days of receipt of intimation from NFL to this effect.
- 1.05 The amount so drawn shall not in any way effect any remedy to which NFL may otherwise be entitled or any liability incurred by tenderer under the contract or any law for the time being in force relating thereto or bearing hereupon.
- 1.06 In the event of forfeiture of whole or part of the Security Deposit, the tenderer shall deposit further sum/sums so as to maintain the full security amount deposit as per Para above.
- 1.07 The Security Deposit shall be refunded after contract has been successfully completed and certificate to that effect has been issued by NFL. It shall be lawful for NFL, if any difference or dispute is likely to exist, to defer the release of Security Deposit or any portion thereof, which may be due for release until such difference and dispute had been finally settled or adjusted.
- 1.08 The Security Deposit amount shall not carry any interest.

2.0 Earnest Money Deposit

2.1 Tenderers must submit Earnest money deposit of Rs.15,000/- (Rupees Fifteen Thousand only).

The Tenderers will have to submit the EMD in the form of:

(i) E-Transfer of EMD through RTGS/NEFT as follows:

- a. NFL's Account No. 1 0 3 4 6 6 7 3 3 1 1
- b. Name of Bank: State Bank of India
- c. Branch Name: NFL Vijaypur (NFL Complex)
- d. Branch Code: 30282
- e. IFS Code: SBIN 0030282

Note: Kindly mention your company name in remarks/narration while submitting EMD thru NEFT/RTGS and also mention UTR no and date in your offer.

Or

2.2 A Bank Guarantee from a Scheduled Indian Bank (except Gramin/ Cooperative Banks) as per our prescribed format (see Annexure-F). The Bank Guarantee should be valid for a period of Six Months and you will give an undertaking for extension of the Bank Guarantee in case the same is desired by NFL (the details of BG No. & date, amount, bankers name etc. has to be submitted in relevant field/column of online module). The bank guarantee should be submitted by bankers directly to NFL in a sealed envelope and not through any vendor / contractor.

The Vender/ Contractor shall also arrange confirmation of Bank Guarantee (including all amendments) by their issuing bank through SFMS (Structured Financial Messaging System) platform directly to the NFL Banker, i.e. ICICI Bank Ltd, K1, Senior Mall, Sector-18, Noida, Up, 201301, IFSC Code: ICIC0000031, as per following details:

- (i) IFN 760 COV for issuance of bank guarantee.
- (ii) IFN 767 COV for amendment of bank guarantee.
- (iii) Issuing bank shall mention IFSC code as ICIC0000031 in field 7035 of IFN 760 COV / IFN 767 COV.
- (iv) Issuing bank shall mention NFL beneficiary code as “NFLNATIONAL04022015” in field 7037 of IFN 760 COV/IFN 767 COV.

2.3 Cheques shall not be accepted in any case.

2.4 Tenders without Earnest Money Deposit are liable to be rejected at the sole discretion of NFL. In case of submission of EMD through RTGS/NEFT or Bank Guarantee, it should be ensured by the vendor that the UTR Number/original Bank Guarantee is received by NFL before opening time of Techno-Commercial Bids for verification of the details of RTGS/NEFT remittances/ Bank Guarantee given online by the vendors.

2.5 Bidders having valid NSIC certificate may be exempted from the submission of EMD. Micro and Small Enterprises qualifying as at (a) of attached sheet titled 'BENEFITS TO MICRO, SMALL ENTERPRISES (MSEs)' shall also be exempted from paying EMD.

2.6 Earnest money shall be forfeited at the sole discretion of NFL in case tenderer after intimation from NFL of the acceptance of his tender, either wholly or in part, refuses to accept the Purchase Order/or changes any of the conditions of the tender or changes the price and/or terms and conditions of the tender within validity period.

2.7 Earnest Money of the successful tenderers shall be returned on submission of security deposit.

2.8 Earnest Money Deposited by unsuccessful tenderers shall be returned as early as possible after finalization of tender.

2.9 No interest will be paid on the Earnest Money Deposit.

2.10 Refund of EMD remittances shall be done by RTGS/NEFT. Bidder must submit the bank details for refund of EMD along with their offer. Charges if any, shall be borne by the vendor.

Model Clause certificate: Public Procurement No.4**Tender Ref. No.:** _____

To

M/s National Fertilizers Limited,

Vijaipur, M. P.

Sub: Model Clause Certificate as per Annexure-III (Tenders) of Restrictions under rule 144(xi) of the General Financial Rules (GFRs) 2017, Order dated: 23/02/2023.

Sir,

I **Mr.....(authorized signatory)** for **M/s(Vender name)** have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. We certify that this bidder **M/s (Vender name and address)** is not from such a country or, if from such a country (**Tick appropriate option & cut the other one**), has been registered with the competent authority.

We hereby certify that we fulfil all requirements in this regard and is eligible to be considered (**wherever applicable, attach evidence of valid registration certificate with competent authority**).

For M/s (Vender name)**(authorized signatory name, sign with stamp)**