TENDER DOCUMENT

AT NATIONAL FERTILIZERS LIMITED BATHINDA UNIT

Index

Annexure-A : Instructions to Bidders.

Annexure-B : Techno-Commercial Bid.

Technical Annexure : 1

INSTRUCTION TO BIDDERS

NATIONAL FERTILIZERS LIMITED (NFL), BATHINDA, a Govt. of India Undertaking referred to herein as the Owner intends to enter into contract for supply of Items as per Annexure-B to its Plant located at BATHINDA (Punjab). You are invited to submit the Techno-commercial proposal and Price proposal for the said item through GeM-Tendering. Methodology for submission of proposal has been detailed here under in this document.

- 1. The procurement shall be made through GeM-tendering process. The offers in this process are required to be submitted electronically in place of offers in 'hard copy under sealed envelope' as being done conventionally.
- 2. Please upload this tender document duly signed & stamped on GeM Portal as a token of acceptance for all the term & conditions of this NIT

Contact details of concerned person at National Fertilizers Ltd., Bathinda

Sh. S.K Bagaria Senior Manager Materials National Fertilizers Limited Sibian Road, Bathinda

E-mail: skbagaria@nfl.co.in

Sh. Akshat Awasthi Asstt. Manager Materials National Fertilizers Limited Sibian Road, Bathinda E-mail: akshat@nfl.co.in

Annexure-B

	TECHNO-COMMERCIAL BID							
S No	Description	Additional Term & Conditions (ATC)						
	Tender/NIT Confirmation	 (a) No Deviation to Additional Term & Conditions (ATC) of this Tender/NIT is allowed. (b) Offer with any condition / deviations is liable to be rejected at Sole option of NFL. (c) Please upload this tender document duly signed & stamped on GeM Portal as a token of acceptance for all the term & conditions of this NIT. 						
2(a)	Item Specifications	As per Technical Annexure 1						
2(b)	Guarantee/ Warrantee Clause	You shall furnish Guarantee Certificate against bad workmanship, material or any other manufacturing defect which shall be valid for a period of 18 months from the date of receipt of material at NFL Bathinda store or 12 months from the date of putting it in service whichever is earlier. In case of abnormality noticed during Guarantee period, you should make the things good free of cost. The Guarantee certificate shall indicate the NFL Purchase order no. and party's invoice no.						
3	PRICE BASIS /	Price submitted on GeM portal shall be inclusive of all taxes & costs like						
	FOR	Transportation cost upto consignee locations, P&F, Bank charges etc as per GeM						
		Germ & Conditions.						
		Purchase order will be issued on GeM portal to successful bidder of same						
		value as submitted by bidders on GeM portal. So bids shall be submitted on						
		GeM portal inclusive of all cost except insurance cost. Transit Insurance shall						
	0.4 0.000	be arranged by NFL.						
4	% of GST	Please intimate the rate of GST considered while submitting bid as mentioned at Sr No 3. The quoted price shall also include the GST as per GeM term & conditions. Bidder to certify that they are not covered under Composition Scheme under GST. If the bidder is registered under Composition Scheme it should be confirmed specifically & in this case loading of GST at applicable rates shall be done during evaluation of bids.						
5	Offer Validity	Offer Validity will be 90 days from the Technical Bid Opening Date						
6	Delivery Schedule	Kindly confirm delivery schedule as per GeM.						

7	Payment Terms	For supply: The payment shall be released to the bidders, from Bathinda Unit, within 30 days after receipt (subject to acceptance) of the supplied material at site in Bathinda Unit.
		(INSPECTION of the material shall be done after receipt of material, at NFL stores only and the same shall be final and binding)
		Tenderer/Party is requested to provide their 11 digit Core Banking Account No. & IFSC Code of their bank on their letter head as attachment, enabling NFL to arrange the transfer of due payment in their account directly. MSME vendor Payment through TReDS:
		Gol has introduced electronic platform for facilitating the financing of trade receivables of MSMEs from buyers, through financers, 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. The detail of RXIL contact person is as below: Contact Name: Mr. Prajay Shukla
		Contact No.:8090051171 E-mail id: prajay.shukla@rxil.in 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	Please confirm the acceptance of Liquidated Damages clause. GST will be applicable on LD charges. Material shall be supplied as per agreed/specified delivery schedule. If the material is not delivered as per specified schedule, NFL reserves the right to either (i) Purchase the material from OPEN MARKET at the risk and cost of the supplier OR
		(ii) Accept the goods at its sole discretion after imposing the PENALTY @ 0.5% (half per cent) of the Basic Price + GST as applicable of the delayed quantity for every week or part thereof, of the period of such delay from delivery schedule, subject to a maximum of 5% of the Basic Price + GST on LD as applicable OR
		(iii) Treat the delay as default of Purchase Order and forfeit security deposit, terminating the Purchase Order forthwith and taking, other action/s against the supplier, within the provisions of the Purchase Order.
9	Firm Price	Vendor to confirm that Total Landed Rate including Transportation Charges will remain firm till the complete execution of the order. No Revision in rates allowed except for any increase/decrease in rates of statutory levies such as GST/SGST/IGST etc. within contractual delivery period.
		Withdrawal from the quotation after its acceptance will entail forfeiture of earnest money, if any, and/or risk purchase without prejudice of our rights of legal remedies.
10	PERFORMANCE	Subsequent to an order being placed against your quotation, received in response to this NIT, if it is found that the materials supplied are not of the right quality or not as per our order specifications or received in damaged condition or otherwise not satisfactory owing to any reason of which NFL shall be the sole judge, we shall reject the materials, in this case NFL may cancel the contract and buy our requirement from other sources and recover the loss, if any, from you reserving our right to forfeit the security deposit.

11	Force-majeure	The delivery period indicated in the Purchase Order should be strictly adhered to and normally no extension in delivery would be granted. However, if any time during the currency of the contract the performance in whole or in part by either party of any obligation under the contract shall be prevented or delayed by way of any war, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosion, epidemics, strikes, lock outs or acts of Gods, provided notice of any such happening is given by either party to the other within 21 days from the date occurrence thereof neither party shall, by reason of such event, be entitled to terminates contract nor shall either party have any claim for damage against the other in respect of such nonperformance or delay in performance and deliveries under the contract shall be resumed as soon as practicable after the event has come to an end, ceased to exist, provided that if performance in whole or part of the contract is prevented or delayed for a period exceeding 60 days either party may at its option, terminate the contract.
12	Subletting of contract	The successful tenderer shall not assign or sublet the contract or any part thereof or assign any rights or delegate any obligation there under without prior written consent of NFL. In the event of the successful tenderer subletting or assigning the contract or any part thereof without such permission, NFL shall be entitled to cancel the PO/Contract and to purchase the goods elsewhere and successful tenderer shall be liable to NFL for any loss or damage which NFL may sustain in consequence or arising out of such purchases. Even in case subletting is permitted, NFL shall not recognize any contractual obligation with the person or party to whom subletting is permitted and shall look to the successful tenderer for
13	Jurisdiction	satisfactory and due and proper fulfillment of the contract. All actions at law or suits arising out of or in connection with this contract or the subject
13	Julisdiction	matter thereof will be instituted in Bathinda court in Bathinda District in the state of Punjab.
14	INSPECTION	Inspection of material shall be made at our site, which shall be final. NFL shall not carryout pre- dispatch inspection at party's works/shop unless otherwise stated in the Purchase Order.
15	MSMED	(a) Please confirm whether you are covered under MSMED Act 2006 and also mention
	Registration	category i.e. whether you are a Micro, Medium or small enterprise. Further, also mention whether the MSE is being owned by SC/ST entrepreneurs. Documents in support of the above must accompany your quotation. (b) In case you are not registered as MSE, you shall procure at least 25% of value of contract/PO as Goods and services from MSEs and certificate to this effect will be submitted by you along with Invoice.
16	MAKE IN INDIA	Provisions of Public Procurement (Preference to Make in India), Order 2017 notified vide Order No.: P-45021/2/2017-BE-II dated 15.06.2017 of DIPP & all subsequent amendments shall be applicable in this tender. Bidders seeking benefits under preference to Make in India (Linked with Local Content) shall have to comply with the provisions specified under the Public Procurement (Preference to Make in India) Order 2017." If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. Please submit a certificate confirming the minimum % age of local content from the OEM to claim benefits extended towards make in India policy.
17	Black-listing/ Delisting	Bidders shall give Self certification that they have not been blacklisted by any Government Department/Public Sector Undertaking/Co-Operative Unit in the last Two Years. Offers of such blacklisted hidders shall not be considered.
18	Laws Governing Purchase Order	such blacklisted bidders shall not be considered. The purchase order shall be governed by the Laws or Union of India for the time being in force. The seller shall comply with all Central/State Laws as well as the rules, regulations, by-laws as may be in force, from time to time. Any failure on their count on the part of the seller and the consequence thereof shall be solely on account of the seller. Liability, if any, under this head shall be solely borne and paid for by the seller.

19	INDEMNITY	The supplier shall indemnify and legally protect NFL and/or its employees against all claims, actions, proceedings, demands, costs, expenses, causes of action or suits arising out of incidental to and/or consequent upon the services provided by the seller under the contract or due to the failure of the seller in performance of his/its obligations under the contract. If the NFL is called upon to make any payments as aforesaid due to any act or omission or failing of the seller, NFL shall be entitled to recover the said amount from any security or other guarantee available with the NFL under the contract.
20	SECRECY	Any information delivered or otherwise communicated by NFL to supplier in connection with the contract shall be regarded as and confidential and shall not without the written consent of NFL be published or disclosed to any third party or made use or by the supplier except for the purpose of implementing the contract.
21	TDS	Deduction shall be made from the payment as per existing GOI rules.
22	Relationship	 A) None of NFL Employee is related to Owner / Director of Firm. B) None of Ex-Employee of NFL is employed with vendor Firm (In case of relatives/ex-employees concerned with NFL, please furnish their complete details such as Name, Department, E.No. etc.)
23	Signed copy of All	Bidders shall upload copy of all Annexures duly signed and stamped as a token of
	Annexures of Tender documents	acceptance of all T&C of our NIT. Bidders may ensure that tender documents are signed by appropriate authority of the company. Withdrawal of offer / non acceptance of orders placed based on offers submitted by bidders on their letter head; will not be allowed on the grounds that offer was not signed by authorized person.
24	Clear Understanding	When a tenderer submits his tender in response to this tender document, he will be deemed to have understood fully all requirements, terms and conditions. No request will be entertained on a pretext that the tenderer did not have a clear idea on any particular point and/or a clause of the tender.
	dealing person	Please provide Name & Contact (email & phone) of dealing person Bidders may ensure that tender documents are signed by appropriate authority of the company. Withdrawal of offer / non acceptance of orders placed based on offers submitted by bidders on their letter head; will not be allowed on the grounds that offer was not signed by authorized person.
26	CONTACT DETAILS of company	You shall attach sheet mentioning your e-mail ID, telephone / mobile no. etc. along with complete name & address details of your Firm/Co., for clarifications / placement of order.
	Arbitration	Detailed below
28	General Terms and conditions	All other Terms and conditions shall be as per GeM GTC.

- clause
- Land Border sharing (i) Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority.
 - (ii) "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.
 - (iii) "Bidder from a country which shares a land border with India" for the purpose of this Order means: -
 - a. An entity incorporated, established or registered in such a country; or
 - b. A subsidiary of an entity incorporated, established or registered in such a country; or
 - c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d. An entity whose beneficial owner is situated in such a country; or
 - e. An Indian (or other) agent of such an entity; or
 - f. A natural person who is a citizen of such a country; or
 - g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.
 - (iv) The beneficial owner for the purpose of (iii) above will be as under:
 - 1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means. Explanation—
 - a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent, of shares or capital or profits of the company;
 - b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;
 - 2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
 - 3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals:
 - 4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
 - 5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
 - (iv) An Agent is a person employed to do any act for another, or to represent another in dealings with third person.
 - (v) [To be inserted in tenders for Works contracts, including Turnkey
 - contracts] The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority. Model Certificate for Tenders (for transitional cases as stated in para 3 of this Order).
 - 'I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I hereby certify that this bidder is not from such a country and is eligible to be considered."

30	Startup Clause	The condition for prior turnover and prior experience may be relaxed for Startups (as defined by					
	•	Department of Industrial Policy and Promotion from time to time) subject to meeting of quality &					
		technical specifications.					
		Startups as recognized by DPIIT are also exempted from payment of Earnest Money.					
		For availing the relaxation, bidder is required to submit requisite certificate towards Startup					
		Enterprise registration issued by Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce & Industry.					
21	EMD	Tenderers must submit Earnest money deposit of Rs. 25,000/- (Rupees Twenty Five Thousand only). The					
31	EMD	Tenderers will have to submit the EMD in the form of:					
		(i) E-Transfer of EMD through RTGS/NEFT are as follows:					
		NAME OF BANK: STATE BANK OF INDIA, SIBIAN BRANCH, BATHINDA					
		Account Type: Cash Credit					
		• Account No: 11430301916					
		• IFSC Code: SBIN0003591					
		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 1. A Bank Guarantee from a Scheduled Indian Bank (except Gramin/ Cooperative Banks) as per our					
		prescribed format (see Annexure) and not GeM format. 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.					
		2. The vendor/contractor shall also arrange to send BG advice (including all BG amendments) by their					
		issuing bank through SFMS platform directly to the NFL banker i.e. ICICI Bank Ltd., K1 Senio 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.					
		(ii) IFN 767 COV for amendment of Bank Guarantee. (iii) Issuing bank shall mention IFSC code as ICIC0000031 in filed 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.					
		3. Cheques shall not be accepted in any case.					
		• 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.					
		 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.					
		• 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.					
		 Earnest Money of the successful tenderers shall be returned on submission of security deposit. 					
		 Earnest Money Deposited by unsuccessful tenderers shall be returned as early as possible after 					
		finalization of tender.					
		No interest will be paid on the Earnest Money Deposit.					
		 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.					

32 Security Depositcum-PBG

The successful tenderer, for the faithful performance of the Contract, will furnish Security Depositcum-Performance Bank Guarantee within 30 days of issue of Purchase Order. The Security Deposit will be @ 5% of Basic P.O. value. The Security Deposit shall be submitted in the form of:

(i) e-Transfer of SD through RTGS/NEFT are as follows:

- NAME OF BANK: STATE BANK OF INDIA, SIBIAN BRANCH, BATHINDA
- Account Type: Cash Credit
 Account No: 11430301916
 IFSC Code: SBIN0003591

Note: Kindly mention your company name in remarks/narration while submitting SD thru NEFT/RTGS and also inform us the UTR no. and date.

(ii) The tenderer will also have the option to furnish Security Deposit by way of Bank Guarantee from any of the Scheduled Banks excluding Gramin and Co-operative Banks, in the Performa enclosed as Annexure and not GeM format. The Bank Guarantee must be valid to cover Delivery Period + Guarantee Period + Three Months Claim Period. The bank guarantee should be submitted by bankers directly to NFL in sealed envelope and not through any vendor / contractor.

The vendor/contractor shall also arrange to send BG advice (including all BG amendments) by their issuing bank through SFMS platform directly to the NFL banker i.e. ICICI Bank Ltd., K1 Senio 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 filed 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.
- (iii) Cheques will not be accepted in any case.

-The Security Deposit will be retained by NFL during the currency of contract or till settlement of all the accounts thereof, whichever is later. In case any dispute or difference not settled within the validity of Bank Guarantee, tenderer will arrange to get the bank guarantee extended as asked for. NFL, at its sole discretion can call in the Bank to pay the whole or part of the amount of Bank Guarantee.

-The above deposit will 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. In the event of any breach of any terms and conditions of the contract, NFL will have the right to draw from the Bank Guarantee/ Security Deposit either the whole or part of value of the same and tenderer will make good the value of Bank Guarantee/ Security Deposit to the extent of the amount so drawn within 15 days of receipt of intimation from NFL to this effect.

- The amount so drawn will 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 thereupon.
- In the event of the forfeiture of whole or part of the Security Deposit, the tenderer will deposit further sum/sums, so as to maintain the full security deposit amount as per Para above.
- The Security Deposit will be refunded after contract has been successfully completed. It will be lawful for NFL, if any difference or dispute is likely to exist, to defer payment of the Security Deposit or any portion thereof which may be due for release until such difference and dispute had been finally settled or adjusted.
- In case the Bank Guarantee is from an overseas bank, the same shall be got counter guaranteed by an Indian Scheduled Bank.

- The Security Deposit amount will not bear any interest.

AS PER PROCEDURE OF NFL, THIS BID SHALL BE TREATED AS SINGLE PART BID.

• ARBITRATION(for other parties):

"Any dispute or difference whatsoever arising between the parties out of or relating to the construction, meaning, scope, operation or effect of this contract or the validity or the breach thereof shall be resolved amicably through negotiations by the parties. A "Notice of dispute" shall be given by the party seeking resolution of a dispute to other party. If the dispute is not resolved within thirty (30) days from the notice, the dispute shall be referred to arbitration as per the procedure mentioned herein below:

A written notice shall be given by the contractor invoking arbitration to National Fertilizers Limited through Unit Head.

Where the claim including determination of interest, if any, being claimed up to the date of commencement of arbitration does not exceed Rs. Five crore, the reference shall be made to a sole arbitrator. The parties shall mutually agree on the name of sole arbitrator. In case of disagreement upon the name of the sole arbitrator,

the appointment of Sole arbitrator shall be done in accordance with the provisions of Arbitration & Conciliation Act, 1996.

Where the claim including determination of interest, if any, being claimed, up to the date of commencement of arbitration exceeds Rs. Five Crore, the reference shall be made to arbitral tribunal consisting of three arbitrators. Each party shall nominate one arbitrator each within 30 days from the date of receipt of notice of invocation of arbitration and two nominated arbitrators shall appoint the presiding arbitrator within 30 days thereafter. IF a prty to the dispute refuses or neglects to nominate an arbitrator on its behalf within the period specified, or the two arbitrators fails to nominate Presiding arbitrator, appointment of Arbitrator(s) shall be done in accordance with the provisions of Arbitration & Conciliation Act, 1996.

The Arbitration proceeding shall be governed by the Arbitration & Conciliation Act, 199 and any further statutory modifications or re-enactment thereof and the rules made thereunder.

It is agreed by and between the parties that in case a reference is made to the Arbitrator for the purpose of resolving the disputes / differences arising out of the contract by and between the parties hereto, the Arbitrator shall not award interest on the awarded amount more than the rate SBI PLR/Base rate applicable to NFL on the date of award of contract.

The seat and venue of arbitration shall be Bathinda only.

The cost of the proceedings shall be equally borne by the parties, unless otherwise directed by the arbitral tribunal. The decision of the arbitral tribunal shall be final and binding on all parties.

• ARBITRATION(for Foreign parties): "Any dispute arising out of or in connection with this contract, including any question regarding its existence, validity or termination shall be referred to and finally resolved by arbitration administered b Singapore International Arbitration Centre (SIAC) in accordance with the Arbitration Rules of the Singapore International Arbitration Centre (SIAC Rules) for the time being in force, which rules are deemed to be incorporated by reference in this clause.

The seat and venue of the arbitration shall be at New Delhi, India.

The language of arbitration shall be English.

This Contract / LOI/ NIT shall be governed by and construed in accordance with the Laws of India.

• For CPSEs and Government Department:

All commercial disputes between CPSEs inter se and CPSEs and Govt. Department(s)/Organization(s) shall be settled through Administrative Mechanism for Resolution of CPSEs Disputes (AMRCD) as provided vide DPE OM N0.4(1)/2013-DPE(GM)/FTS-1835 dated

22-05-2018 and DPE-GM-05/0003/2019-FTS-10937 dated 20-02-2020.

"In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contact(s) between Central Public sector Enterprises (CPSEs)/ Port Trusts inter se and also between CPSEs and also Government Department/ Organizations (Other than those related to taxation), such dispute or difference shall be taken up by either party for resolution through AMRCD as mentioned in DPE OM N0.4(1)/2013-DPE(GM)/FTS-1835 dated 22-08-2018".

MAKE IN INDIA:

Provisions of Public Procurement (Preference to Make in India), Order 2017 notified vide Order No.: P-45021/2/2017-BE-II dated 15.06.2017 of DIPP shall be applicable in this tender. Bidders seeking benefits under preference to Make in India (Linked with Local Content) shall have to comply with the provisions specified under the Public Procurement (Preference to Make in India) Order 2017."

To encourage 'Make in India' and promote manufacturing and production of goods and services in India with a view to enhancing income and employment, Department of Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry, Government of India, issued Public Procurement (Preference to Make in India), Order 20171. The order is issued pursuant to Rule 153 (iii) of GFR, 2017. The Order is applicable on the procurement of Goods, Works and Services. For the purpose of this Order:-

a) 'L1' means the lowest tender or lowest bid or the lowest quotation received in a tender, bidding process or other procurement solicitation as adjudged in the evaluation process as per the tender or other procurement

solicitation.

- b) 'Margin of purchase preference' means the maximum extent to which the price quoted by a "Class-I local supplier" may be above the L1 for the purpose of purchase preference. It has been fixed as 20 (twenty) percent.
- c) 'Nodal Ministry' means the Ministry or Department identified pursuant to this order in respect of a particular item of goods or services or works.
- d) 'Procuring entity' means a Ministry or department or attached or subordinate office of, or autonomous body controlled by, the Government of India and includes

Government companies as defined in the Companies Act.

- e) 'Works' means all works as per Rule 130 of GFR- 2017, and will also include 'turnkey works'.
- i) Eligibility of 'Class-I local supplier'/ 'Class-II local supplier'/ 'Non-local suppliers' for different types of procurement.
- a) In procurement of all goods, services or works in respect of which the Nodal Ministry/Department has communicated that there is sufficient local capacity and local competition, only 'Class-I local supplier', shall be eligible to bid irrespective of purchase value.
- b) Only 'Class-I local supplier' and 'Class-II local supplier', shall be eligible to bid in procurements undertaken by procuring entities, except when Global tender enquiry has been issued. In global tender enquiries, 'Non-local suppliers' shall also be eligible to bid along with 'Class-I local suppliers' and 'Class-II local suppliers'. In procurement of all goods, services or works, not covered by sub-para (i)(a) above, and with estimated value of purchases less than INR 200 Crore, in accordance with Rule 161(iv) of GFR, 2017, Global tender enquiry shall not be issued except with the approval of competent authority as designated by Department of Expenditure.
- c) For the purpose of this Order, works includes Engineering, Procurement and Construction (EPC) contracts and services include System Integrator (SI) contracts.

ii) Purchase Preference

- a) Subject to the provisions of the Order and to any specific instructions issued by the Nodal Ministry or in pursuance of the Order, purchase preference shall be given to 'Class-I local supplier' in procurements undertaken by procuring entities in the manner specified here under.
- b) In the procurements of goods or works, which are covered by para (i)(b) above and which are divisible in nature, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure:
- 1. Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract for full quantity will be awarded to L1.
- 2. If L1 bid is not a 'Class-I local supplier', 50 (fifty) percent of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the 'Class-I local supplier' will be invited to match the L1 price for the remaining 50 (fifty) percent quantity subject to the Class-I local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such 'Class-I local supplier'

subject to matching the L1 price. In case such lowest eligible 'Class-I local supplier' fails to match the L1 price or accepts less than the offered quantity, the next higher 'Class-I local supplier' within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered on Class-I local suppliers, then such balance quantity may also be ordered on the L1 bidder.

- c) In the procurements of goods or works, which are covered by para (i)(b) above and which are not divisible in nature, and in procurement of services where the bid is evaluated on price alone, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure:
- 1. Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract will be awarded to L1.
- 2. If L1 is not 'Class-I local supplier', the lowest bidder among the 'Class-I local supplier', will be invited to match the L1 price subject to Class-I local supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such 'Class-I local supplier' subject to matching the L1 price.
- 3. In case such lowest eligible 'Class-I local supplier' fails to match the L1 price, the 'Class-I local supplier' with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the 'Class-I local supplier' within the margin of purchase preference matches the L1 price, the contract may be awarded to the L1 bidder.
- 4. "Class-II local supplier" will not get purchase preference in any procurement, undertaken by procuring entities.
- iii) Applicability in tenders where contract is to be awarded to multiple bidders

In tenders where contract is awarded to multiple bidders subject to matching of L1 rates or otherwise, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure:

- a) In case there is sufficient local capacity and competition for the item to be procured, as notified by the nodal Ministry, only Class I local suppliers shall be eligible to bid. As such, the multiple suppliers, who would be awarded the contract, should be all and only 'Class I Local suppliers'.
- b) In other cases, 'Class II local suppliers' and 'Non local suppliers' may also participate in the bidding process along with 'Class I Local suppliers' as per provisions of the Order.
- c) If 'Class I Local suppliers' qualify for award of contract for at least 50 (fifty) percent of the tendered quantity in any tender, the contract may be awarded to all the qualified bidders as per award criteria stipulated in the bid documents. However, in case 'Class I Local suppliers' do not qualify for award of contract for at least 50 (fifty) percent of the tendered quantity, purchase preference should be given to the 'Class I local supplier' over 'Class II local suppliers' 'Non local suppliers' provided that their quoted rate falls within 20 (twenty) percent margin of purchase preference of the highest quoted bidder considered for award of contract so as to ensure that the 'Class I Local suppliers' taken in totality are considered for award of contract for at least 50 (fifty) percent of the tendered quantity.
- d) First purchase preference has to be given to the lowest quoting 'Class-I local supplier', whose quoted rates fall within 20 (twenty) percent margin of purchase preference, subject to its meeting the prescribed

criteria for award of contract as also the constraint of maximum quantity that can be sourced from any single supplier. If the lowest quoting 'Class-I local supplier', does not qualify for purchase preference because of aforesaid constraints or does not accept the offered quantity, an opportunity may be given to next higher 'Class-I local supplier', falling within 20 (twenty) percent margin of purchase preference, and so on.

- e) To avoid any ambiguity during bid evaluation process, the procuring entities may stipulate its own tender specific criteria for award of contract amongst different bidders including the procedure for purchase preference to 'Class-I local supplier' within the broad policy guidelines stipulated in sub- paras above.
- iv) Exemption of small purchases: Notwithstanding anything contained in paragraph (i), procurements where the estimated value to be procured is less than INR 5 lakhs shall be exempt from the Order. However, it shall be ensured by procuring entities that procurement is not split for the purpose of avoiding the provisions of this Order.
- v) Minimum local content: The 'local content' requirement to categorize a supplier as 'Class-I local supplier' is minimum 50 (fifty) percent. For 'Class-II local supplier', the 'local content' requirement is minimum 20 (twenty) percent. Nodal Ministry/ Department may prescribe only a higher percentage of minimum local content requirement to categorize a supplier as 'Class-I local supplier'/ 'Class-II local supplier'. For the items, for which Nodal Ministry/ Department has not prescribed higher minimum local content notification under the Order, it shall be 50 (fifty) percent and 20 (twenty) percent for 'Class-I local supplier'/ 'Class-II local supplier' respectively.
- vi) Requirement for specification in advance: The minimum local content, the margin of purchase preference and the procedure for preference to Make in India shall be specified in the notice inviting tenders or other form of procurement solicitation and shall not be varied during a particular procurement transaction.
- vii) Government E-marketplace: In respect of procurement through the Government E-marketplace (GeM) shall, as far as possible, specifically mark the items which meet the minimum local content while registering the item for display, and shall, wherever feasible, make provision for automated comparison with purchase preference and without purchase preference and for obtaining consent of the local supplier in those cases where purchase preference is to be exercised.

viii) Verification of local content:

- a) The 'Class-I local supplier'/ 'Class-II local supplier' at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for 'Class-I local supplier'/ 'Class-II local supplier', as the case may be. They shall also give details of the location(s) at which the local value addition is made.
- b) In cases of procurement for a value in excess of INR 10 crores, the 'Class-I local supplier' 'Class-II local supplier' shall be required to provide a certificate from the tatutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.
- c) Decisions on complaints relating to implementation of this Order shall be taken by the competent authority which is empowered to look into procurement-related complaints relating to the procuring entity.
- d) Nodal Ministries may constitute committees with internal and external experts for independent verification of self-declarations and auditor's/ accountant's certificates on random basis and in the case of complaints.

- e) Nodal Ministries and procuring entities may prescribe fees for such complaints.
- f) False declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.
- g) A supplier who has been debarred by any procuring entity for violation of the Order shall not be eligible for preference under the Order for procurement by any other procuring entity for the duration of the debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities, in the manner prescribed under paragraph (h) below.
- h) The Department of Expenditure shall issue suitable instructions for the effective and smooth operation of this process, so that:
- 1. The fact and duration of debarment for violation of the Order by any procuring entity are promptly brought to the notice of the Member-Convenor of the Standing Committee and the Department of Expenditure through the concerned Ministry /Department or in some other manner;
- 2. on a periodical basis such cases are consolidated and a centralized list or decentralized lists of such suppliers with the period of debarment is maintained and displayed on website(s);
- 3. in respect of procuring entities other than the one which has carried out the debarment, the debarment takes effect prospectively from the date of uploading on the website(s) in the such a manner that ongoing procurements are not disrupted.
- ix) Specifications in Tenders and other procurement solicitations:
 - a) Every procuring entity shall ensure that the eligibility conditions in respect of previous experience fixed in any tender or solicitation do not require proof of supply in other countries or proof of exports.
 - b) Procuring entities shall endeavour to see that eligibility conditions, including on matters like turnover, production capability and financial strength do not result in unreasonable exclusion of 'Class-I local supplier' 'Class-II local supplier' who would otherwise be eligible, beyond what is essential for ensuring quality or creditworthiness of the supplier.
 - c) Procuring entities shall review all existing eligibility norms and conditions with reference to sub-paragraphs (viii) (a) and (b) above.

d) Reciprocity Clause

- 1. When a Nodal Ministry/Department identifies that Indian suppliers of an item are not allowed to participate and/ or compete in procurement by any foreign government, due to restrictive tender conditions which have direct or indirect effect of barring Indian companies such as registration in the procuring country, execution of projects of specific value in the procuring country etc., it shall provide such details to all its procuring entities including CMDs/CEOs of PSEs/PSUs, State Governments and other procurement agencies under their administrative control and GeM for appropriate reciprocal action.
- 2. Entities of countries which have been identified by the nodal Ministry/Department as not allowing Indian companies to participate in their Government procurement for any item related to that nodal Ministry shall not be allowed to participate in Government procurement in India for all items related to that nodal

Ministry/ Department, except for the list of items published by the Ministry/ Department permitting their participation.

- 3. The stipulation in (2) above shall be part of all tenders invited by the Central Government procuring entities stated in (1) above. All purchases on GeM shall also necessarily have the above provisions for items identified by nodal Ministry/ Department.
- 4. State Governments should be encouraged to incorporate similar provisions in their respective tenders.
- 5. The term 'entity' of a country shall have the same meaning as under the FDI Policy of DPIIT as amended from time to time.
- e) Specifying foreign certifications/ unreasonable technical specifications/ brands/ models in the bid document is restrictive and discriminatory practice against local suppliers. If foreign certification is required to be stipulated because of non-availability of Indian Standards and/or for any other reason, the same shall be done only after written approval of Secretary of the Department concerned or any other Authority having been designated such power by the Secretary of the Department concerned.
- f) "All administrative Ministries/Departments whose procurement exceeds INR 1000 Crore per annum shall notify/ update their procurement projections every year, including those of the PSEs/PSUs, for the next 5 years on their respective website."
- x) Action for non-compliance of the Provisions of the Order: In case restrictive or discriminatory conditions against domestic suppliers are included in bid documents, an inquiry shall be conducted by the Administrative Department undertaking the procurement (including procurement by any entity under its administrative control) to fix responsibility for the same. Thereafter, appropriate action, administrative or otherwise, shall be taken against erring officials of procurement entities under relevant provisions. Intimation on all such actions shall be sent to the Standing Committee.
- xi) Assessment of supply base by Nodal Ministries: The Nodal Ministry shall keep in view the domestic manufacturing / supply base and assess the available capacity and the extent of local competition while identifying items and prescribing the higher minimum local content or the manner of its calculation, with a view to avoiding cost increase from the operation of this Order.
- xii) Increase in minimum local content: The Nodal Ministry may annually review the local content requirements with a view to increasing them, subject to availability of sufficient local competition with adequate quality.
- xiii) Manufacture under license/ technology collaboration agreements with phased indigenization
- a) While notifying the minimum local content, Nodal Ministries may make special provisions for exempting suppliers from meeting the stipulated local content if the product is being manufactured in India under a license from a foreign manufacturer who holds intellectual property rights and where there is a technology collaboration agreement / transfer of technology agreement for indigenous manufacture of a product developed abroad with clear phasing of increase in local content.
- b) In procurement of all goods, services or works in respect of which there is substantial quantity of public procurement and for which the nodal ministry has not notified that there is sufficient local capacity and local competition, the concerned nodal ministry shall notify an upper threshold value of procurement beyond which foreign companies shall enter into a joint venture with an Indian company to participate in the tender. Procuring entities, while procuring such items beyond the notified threshold value, shall prescribe in their

respective tenders that foreign companies may enter into a joint venture with an Indian company to participate in the tender. The procuring Ministries/Departments shall also make special provisions for exempting such joint ventures from meeting the stipulated minimum local content requirement, which shall be increased in a phased manner.

- xiv) Powers to grant exemption and to reduce minimum local content: The administrative Department undertaking the procurement (including procurement by any entity under its administrative control), with the approval of their Minister-in-charge, may by written order, for reasons to be recorded in writing,
- 1. reduce the minimum local content below the prescribed level; or
- 2. reduce the margin of purchase preference below 20 (twenty) percent; or
 - 3. exempt any particular item or supplying entities from the operation of this Order or any part of the Order.

A copy of every such order shall be provided to the Standing Committee and concerned Nodal Ministry / Department. The Nodal Ministry / Department concerned will continue to have the power to vary its notification on Minimum Local Content.

- xv) Directions to Government companies: In respect of Government companies and other procuring entities not governed by the General Financial Rules, the administrative Ministry or Department shall issue policy directions requiring compliance with this Order.
- xvi) Standing Committee. A standing committee is hereby constituted with the following membership:

Secretary, Department for Promotion of Industry and Internal Trade- Chairman Secretary, Commerce-Member Secretary, Ministry of Electronics and Information Technology-Member Joint Secretary (Public Procurement), Department of Expenditure-Member Joint Secretary (DPIIT)-Member- Convenor The Secretary of the Department concerned with a particular item shall be a member in respect of issues relating to such item. The Chairman of the Committee may co-opt technical experts as relevant to any issue or class of issues under its consideration.

- xvii) Removal of difficulties: Ministries /Departments and the Boards of Directors of Government companies may issue such clarifications and instructions as may be necessary for the removal of any difficulties arising in the implementation of the Order.
- xviii) Ministries having existing policies: Where any Ministry or Department has its own policy for preference to local content approved by the Cabinet after 1st January 2015, such policies will prevail over the provisions of the Order. All other existing orders on preference to local content shall be reviewed by the Nodal Ministries and revised as needed to conform to this Order, within two months of the issue of this Order.
- xix) Transitional provision: The Order shall not apply to any tender or procurement for which notice inviting tender or other form of procurement solicitation has been issued before the issue of this Order.

(Rule 153 of GFR 2017)

(Note: 1Latest revision to the Order notified vide OM No. P-45021/2/2017-PP (BE-II) issued by DPIIT, dated 16.09.2020)

[Buyer is advised to refer latest guidelines, if any, issued by the Ministry/ Corporate Office].

Signature	
Name	
Name of Company / Firm	

BANK GUARANTEE (FORMAT) FOR EMD

SCOPE CALLEI INCLUI CALLEI SUBJEC	COMPLEX, CORE-III D NFL WHICH EXP DES ITS SUCCESSOR D THE, THE SAID T	TIONAL FERTILIZERS I ,7 INSTITUTIONAL ARE PRESSION SHALL UNL S AND ASSIGNS) HAVI ENDERER(S) 'WHICH CLUDES HIS SUCCESSO OF TENDER NO	EA,LODHI RO ESS REPUGN NG AGREED EXPRESSION	OAD, NEW DELH NANT TO THE TO EXEMPT N SHALL UNLES	I-110 003 (HER SUBJECT OR (HER SS REPUGNAN	EINAFTER CONTEXT EINAFTER T TO THE
FOR _ DEPOSI	H T FOR THE DUE FU	EREINAFTER CALLED LFILLMENT BY THE SA TENDER (RUPEE	AID TENDER	ER(S) OF THE T	ERMS AND CO	NDITIONS
	UNDERTAKE TO (RUPEESSUFFERED BY 'NFL TERMS AND CONDI	BANK HEREINAFT PAY TO NFL ANONLY) AGA .' REASON OF ANY BR TIONS CONTAINED IN ' BREACH HAVING BE	N AMOUNT INST ANY EACH BY T THE SAID TE	NOT EXCEI LOSS OR DAM HE SAID TENDE NDER (THE DEC	EDING RS MAGE CAUSEI RER(S) OF AN ISION OF THE	O TO OR Y OF THE COMPANY
	PAYABLE UNDER TO 'NFL' STATING THAT TO OR WOULD CAUTENDERER(S) OF A BY REASON OF THE DEMAND MADE ON PAYABLE BY THE TOTAL THE T	BANK DO HEREBY THIS GUARANTEE WIT T THE AMOUNT CLAIN USE TO OR SUFFERED E NY OF THE TERMS OR HE SAID TENDERER'S I THE BANK SHALL BE BANK UNDER THIS GU L BE RESTRICTED TO _ONLY).	HOUT ANY DED IS DUE DO NOT DUE DO NOTION FAILURE TO CONCLUSIVE ARANTEE.	DEMUR MERELY BY WAY OF LOS REASON OF AN' S CONTAINED II KEEP THE TEN E AS REGARDS HOWEVER, OUR	Y OR A DEMASS OR DAMAGSY BREACH BY N THE SAID TINDER OPEN. ATHE AMOUNT LIABILITY UN	ND FROM E CAUSED THE SAID ENDER OR NY SUCH DUE AND IDER THIS
	SHALL REMAIN IN FOR THE FINALIZATION FOR THE FINALIZATION FOR THE FINALIZATION FOR THE SUCCESSFUL TEND SAID TENDER HAVE A DULY AUTHORIZATION FOR THE SUARANTEE IN MONTHS CLAIM OF VALIDITY OF THE SUARANTEE IN THE	BANK FURTHER DEVILLED FORCE AND EFFATION OF THE SAID LETHE SAID TENDER IT ERER AND/OR TILL AID BEEN FULLY PAID AID OFFICER OF NFL CEED BEEN FULLY AND PIVEN AND EIN WRITTEN AND ABOVE THE ANK GUARANTEE IN THIS GUARANTEE THER	ECT DURING TENDER AN S FINALLY I LL THE DUES ND ITS CLAIN RTIFIED THA ROPERLY CA UARANTEE. TING ON OR PERIOD MEN THE TENDER	THE PERIOD TO THAT IT SHOULD THAT IT SHOULD AND OUT OF NFL UNDERMS SATISFIED OUT THE TERMS AURIED OUT BY UNLESS A DEMONTIONED IN THI	HAT WOULD I ALL CONTINU ORDER PLACE R/OR BY VIRTU R DISCHARGE IND CONDITION THE SAID TEM IAND OR CLAI TO I E PARAGRAPH	BE TAKEN JE TO BE D ON THE JE OF THE D OR TILL NS OF THE NDERER(S) M UNDER NCLUDE 3 I FOR THE
4.	WE GUARANTEE DURII WRITING.	BANK NG ITS CURRENCY EX	, LASTLY CEPT WITH	UNDERTAKE N THE PREVIOUS	OT TO REVO	OKE THIS F 'NFL' IN
	DATED	DAY OF		2016		

CORPORATE SEAL FOR BANK

SECURITY DEPOSIT-CUM-PERFORMANCE BANK GUARANTEE FORMAT (To be prepared on Stamp paper issued in the name of Bank)

This BANK GUARANTEE No	made this day of	between
	a bank incorporated and having its registered	ed office at
(hereinafter called B	ANK) which expression shall unless repugnant to the	he context or contrary to
the meaning thereof include its successors and assigns on t	he one part and NATIONAL FERTILIZERS LIMI	ΓED, a Company
registered in India under Companies Act, 1956 and having		
Lodhi Road, New Delhi - 110 003, India to the context or o	contrary to the meaning thereof include its successor	rs and assigns on the
other part.		
WHEREAS in pursuance to the agreement dated	(horainafter called CONTRACT) or	stared into between
National Fertilizers Limited (hereinafter called OWNER and		
incorporated in	iu	a Company
	CTOR) which expression shall unless repugnant to	the context or contrary to
the meaning thereof include its successors and assigns for	supply of	ac sc
the meaning thereof include its successors and assigns, for envisaged in the Contract, Contractor has to submit a Secu-	rity Deposit-cum-Performance Bank Guarantee for	Rs.
		<u></u> -
CONTRACTOR accordingly agrees to furnish the Security	cum performance Bank Guarantee as hereinafter c	ontained towards
fulfillment of all of its obligations under the contract.		
NOW THIS DEED WITNESSES AS FOLLOWS:		
1. In pursuance of the Contract, the Bank hereby guarantee	s as a direct responsibility to OWNER that the BAN	NK is holding the amount
of	s as a direct responsibility to 5 Willer that the Bin	the is nothing the uniount
	er's disposal and hereby promises and shall be bound	d to pay to OWNER
forthwith at Owner's written notice stating that the contract		
which contractor is liable and without any protest or demui		
whether the amount if lawfully asked for by Owner or not,		
notice. The decision of the Owner as to whether the terms		
have been observed or not shall be final and binding on the		
Deposit-cum-Performance Bank Guarantee is limited to Rs	3·	
2. This Security Deposit-cum-Performance Bank Guarante	e shall be valid for an initial period of	months from
the date of this Bank Guarantee No		
Upon issuance of Commissioning / Erection / Completion		
months after the issuance of the above mentioned certificat		ate, the Security Deposit-
cum-Performance Bank Guarantee shall become null and v		
3. This Security Deposit-cum-Performance Bank Guarante		
security now or hereafter held by Owner on account of more		
further consent from the Bank, and without affecting its rig		
or make any other arrangement with Contractor and nothin		e of any authority or
permission contained in this guarantee, shall effect dischar		G
4. UNLESS PREVIOUSLY CANCELLED BY THE OWN		
force initially up tomonths from the	effective date of Bank Guarantee No.	dated
	t to provisions of paragraph 2 above will stand auto	
the expiry of the said period. Unless demand or claim under the	r this Bank Guarantee is made on Bank in writing v	vitnin three months from
date of expiry of this Bank Guarantee, all the rights of Own	ner against the Bank shall be forfeited and Bank sha	all be relieved and
discharged from all the liabilities hereunder.		
5. Any notice by way of request, demand or otherwise here	under may be sent by post to the Bank, addressed a	s aforesaid, and if sent
by post, it shall be deemed to have been given at the time v		
when	•	
given by post, it shall be sufficient to prove that the envelo	pe containing the notice was posted and a certificate	e, signed by an officer of
the owners, to the effect that the envelope was so posted, sl	hall be conclusive.	
6. The Security Deposit-cum-Performance Bank Guarantee		
7. The Bank declares that it has the power to issue this gua).
Dated this day o	f	
(Indicate	the name of the Bank with stamp)	

7	[ec]	hni	രി	ΙA	nn	ΔV1	ıra	1
				I A		CXI	HE.	

Sr	Item Cd	N.C.	Item Desc.	UM	Qty Reqd
1	8024815	У	SINGLE PHASE RELAY TEST KIT WITH STANDARD ACCESSORIES TO TEST THE SINGLE PHASE NUMERIC RELAYS, HAVING FOLLOWING SPECIFICATIONS AS PER ANNEXURE ATTACHED:-	NO	1.000





TECHNICAL SPECIFICATION AND CONDITIONS SINGLE PHASE RELAY TEST KIT

GENERAL AND FUNCTIONAL REQUIREMENT

Relay test kit shall comprise the equipment as detailed here under.

Manufacturer should have a calibration set-up and service centre in India as a mandatory requirement. Also, manufacturer would be having registered office for technical support in India.

Functional requirement

The equipment is required functionally to test the following electromechanical, solid state and numerical, self-powered protection relays in a Single unit.

From provided built in HMI, kit shall be able to perform a wide range of manual secondary testing of protective relay equipment. Shall test mostly all types of single-phase and user can also test three phase protection that can be tested one phase at a time, but not limited to: Overcurrent relays, Inverse time overcurrent relay, undercurrent relays, Ground fault relay, Directional overcurrent relays, Directional ground fault relay, overvoltage relays, Undervoltage relays, Directional power relays, Power factor relay, Differential Protection (Differential circuits Ph-Ph, with 2nd, 3rd & 5th Harmonic Restraint, with the help of external unit), Distance protection equipment (Single phase), Negative sequence overcurrent relays, Motor overload protection, Automatic reclosing devices, Tripping relays, Voltage regulating relays, Under impedance relay, Thermal relays, Time-delay relays, Frequency relay. V/f and Synch-Check.

Other fields of application

Plotting excitation curves, current and voltage transformer ratio tests, Burden measurement for protective relay test equipment, impedance measurement, Efficiency tests, Polarity tests, Injection (Maintained, Momentary, Max.time), Filtering, Off delay, Bus Bar, Cables .etc.,

Technical Requirements:

- Input: 115 230 V AC, 50 / 60 Hz, 10A, 1800VA, 1380W Maximum supply current: 6A
- The Instrument shall generate the following.
 - (A) AC Current (B) AC Voltage and (C) DC Voltage

A. Current Output /Generators:

- a. AC Current Source: 1x 10A @ 750VA,0-1000 A (Max 200A)
- b. Accuracy: 0.5%
- c. Distortion (THD + N) : < 0.14% typical
- d. To test electromechanical relay: 10A @ 750VA without booster.
- e. Maximum Burden in Parallel: 40A @800VA.
- f. Maximum Burden in Series: 250A @ 1000VA

B. Voltage Output/ Generators:

- a. AC voltage Source: 0-250V AC @ 750VA;0-500V AC (in Series) and 0-290VAC
- b. DC output 0-300 VDC,600VA @2A 10 min and 0-320 VDC in No load
- c. Accuracy: 0.03% range + 0.05% of reading
- d. Distortion (THD + N): < 0.14% typical
- e. Maximum Burden in Parallel: 250V @ 750VA
- f. Maximum Burden in Series: 250V @ 750VA
- g. Additional voltage 5-220VAC @ 46W

C. DC Voltage Generators:

- Variable DC range 20-220VDC @ 88W, more than 350mA; Additional current source:0-20A (optional)
- External Ammeter: 0-6A AC/DC
- External Voltmeter :0-600V
- . Self-Calibration feature enhanced in the unit
- . Unit must have high amplitude and power
- Variable phase angle: 0-360deg, Accuracy -2deg, <1deg resolution
- Variable frequency: -15Hz to 550Hz, Accuracy 0.1%, <1mHZ
- Binary output must have potential, potential free and Output contact (Change of state)



- Kit must display (in addition to time, voltage & current) Z, R,X, S, P, Q, phase angle and cos φ for AC& P and Z for DC
- · Printer interface must be available
- Protection; Current & voltage outputs shall be overload & short circuit proof and protected against over temperature
- · External measurement of current and voltage with inbuilt safety feature
- · Hold and freezing the measured values options must be available
- The auxiliary voltage source must have overload protection max 400mA.
- Testing of High Burden relays at low current setting values applications such as REF, SEF etc., without external amplifiers or booster
- · Weight: Less than or equal to 18.5 Kg
- Environmental:

Operating temperature: -10 to 50 deg. C

Storage: -40 to +70 deg. C

Humidity: 5-95% RH, non-condensing

Shock - IEC 60068-2-27, Vibration - IEC 60068-2-6.

- Current Circuit: The Circuit shall consist of loading transformer, selector switch, variable control, fine adjustment. The Current injected shall be indicated on LCD display.
- Voltage Control: The Kit shall provide continuous variable voltage for AC and DC. Along with corresponding metering, indication and switches etc.
- Time Circuit: Digital Timer Shall be provided for recording the operation/ tripping time of relay under test. Each
 circuit shall be independent and push button operated relay / contactor to control the output of the circuit. It shall
 be sensitive to state changeover of contacts. Contact state to be shown by LED.
- . Aux AC Voltage Output: The Aux AC Voltage Output is isolated from the main AC Current & Voltage.
- Accessories: Kit shall be supplied with all test leads and other mandatory accessories for relay testing with IP65 standard transport case.
- The vendor shall have service Centre in India for future after sales support & Samp; shall provide documentary proof towards same.
- . The bidder shall give clause wise compliance to the above specifications.

