

FACT CORPORATE MATERIALS	Prequalification cum Supply of Outside laminated ONOF PP ONOF bags for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal Division & FACT-Cochin Division
THE FERTILISERS AND CHEMICALS TRAVANCORE LTD (A Government of India Enterprise)	
<u>NOTICE INVITING E-TENDERS</u>	
The Fertilisers And Chemicals Travancore Ltd. (FACT), a Government of India Enterprise, proposes for Procurement of Outside laminated PP ONOF bags for packing BHARAT NPK 20:20:0:13 to FACT-Udyogamandal Division at Udyogamandal & FACT-Cochin Division at Ambalamedu, BHARAT NPK 20:20:0:13:0.5 (Zincated FF) & BHARAT NPK 20.5:0:0:23 (AS) fertilisers to FACT-Udyogamandal Division at Udyogamandal and Gypsum to FACT-Cochin Division at Ambalamedu Cochin, Kerala. Online bids (Two-Cover System) with Reverse Auction, for Prequalification cum Supply of PP ONOF bags, are invited through https://gem.gov.in portal. The details are as per below. The bidders may also refer the Eligibility Criteria and other documents applicable for the proposed contract.	
<u>PLEASE NOTE THAT ONLY ONLINE BIDS WILL BE CONSIDERED AGAINST THIS TENDER</u>	
<u>Visit https://gem.gov.in for online bid submission</u>	
1.0 <u>General Information</u>	
Tender No.	MAT-RM-99738 P dated 25.11.2025
Mode of Tendering	TWO COVER SYSTEM WITH RA:- Part A: Prequalification cum Techno-Commercial Bid and Part B: Financial Bid
Due date & time for Submission of bids	As per GeM bid document.
Date & Time for opening of Part A of the Bid.	As per GeM bid document.
Name of Work/Description	Supply of Outside laminated PP ONOF bags for packing BHARAT NPK 20:20:0:13 fertilisers to FACT-Udyogamandal Division at Udyogamandal & FACT-Cochin Division at Ambalamedu, Outside laminated PP ONOF bags for packing BHARAT NPK 20:20:0:13:0.5 (Zincated FF) fertilisers to FACT-Udyogamandal Division at Udyogamandal, Outside laminated PP ONOF bags for packing BHARAT NPK-20.5:0:0:23 (AMMONIUM SULPHATE) fertilisers to FACT-Udyogamandal Division, Udyogamandal and Outside laminated PP ONOF bags for packing Gypsum to FACT-Cochin Division at Ambalamedu, for staggered delivery, on FOL Destination basis.
EMD	Rs.1,00,000/-
Security Deposit	As per tender
Period of contract	1 year from the placement of LOI/PO extendable upto a period of 3 months
Contacts	1.Manju M Warriar, Tel: 484 2568623 : e-mail: manju@factltd.com 2.Shima P S, Tel: 0484-2568620 : email: shima@factltd.com
RAW MATERIALS	FERTILISERS AND CHEMICALS TRAVANCORE LIMITED 

2.0 TENDER DOCUMENTS (e-TENDER)

Visit our website www.fact.co.in or <https://gem.gov.in> for documents related to this tender. Bid submission shall be in electronic form through <https://gem.gov.in> only. See Annexure-1 'Instructions to Bidders'.

3.0 Special Notes:**3.1 Delivery Requirement is as follows:**

Delivery of fertiliser bags shall be made on F.O.L destination basis at the Stores Department of the respective units as below, as mentioned in the Purchase Order/delivery schedules:

- i. BHARAT NPK 20:20:0:13 bags : FACT Udyogamandal Division/FACT Cochin Division
- ii. BHARAT NPK 20:20:0:13:0.5 (Zincated FF) & BHARAT NPK-20.5:0:0:23 (AMMONIUM SULPHATE) bags: FACT Udyogamandal Division
- iii. Gypsum bags : FACT Cochin Division

3.2 Granule Prices and Price Variation Clause:

Rates of BHARAT NPK 20:20:0:13, BHARAT NPK 20:20:0:13:0.5, BHARAT NPK-20.5:0:0:23 (AMMONIUM SULPHATE) fertilizer bags & Gypsum bags quoted shall be based on the following granule prices applicable as on 01/11/2025.

PP granule:H030SG (RIL) : Rs.91320/MT (ex-works Chennai price)
PP granule: H350EG/H350FG (RIL) : Rs.94110/MT (ex-works Chennai price)

*Your attention is invited to Price Variation Clause in Special Terms & Conditions for PP ONOF bags (Annexure-III).

3.3 Type of Bids:

Bids shall be submitted in Two-parts as follows:

Part-A 'TECHNO-COMMERCIAL BID' containing the tender documents along with Technical and Commercial details, documents to prove eligibility criteria and Unpriced Bid without mentioning anything on the price.

Part-B "PRICE BID" Containing Price details.

3.4 Quantity:

Sl No.	Type of bag	Qty. in Nos
1)	Outside Laminated PP ONOF bags (50 Kg capacity) for packing BHARAT NPK 20:20:0:13 fertilisers as per specification at Annexure-V A	190.6 lakh
2)	Outside Laminated PP ONOF bags (50 Kg capacity) for packing BHARAT NPK 20:20:0:13:0.5 (Zincated FF) fertilisers as per specification at Annexure-VJ	2.4 lakh
3)	Outside Laminated PP ONOF bags (50 Kg capacity) for packing BHARAT NPK 20.5:0:0:23 (AMMONIUM SULPHATE) fertilisers as per specification at Annexure-V B	65.325 lakh

FACT CORPORATE MATERIALS	Prequalification cum Supply of Outside laminated ONOF PP ONOF bags for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal Division & FACT-Cochin Division		
4) Outside Laminated PP ONOF bags (50 Kg capacity) for packing Gypsum as per specification at Annexure-VF			
2.40 lakh			
Notes :			
i. The specification of BHARAT NPK 20:20:0:13 bags & NPK 20:20:0:13:0.5 (Zincated FF) bags are the same and hence the total requirement is indicated as the tender quantity of 193.0 lakh (190.6 + 2.4) in single schedule.			
ii. The quantities indicated are only approximate and subject to change at FACT's option. Schedules for supply shall be given by our Raw Materials Section after placement of order.			
3.4 Compliance Statement:			
Your bid shall contain the following compliance statement: "We have read, understood and accepted the specifications of bags as per Annexure-VA, VB, VF & VJ, monograms, NIT, Eligibility Criteria of vendors for Supply of PP ONOF bags, Instructions to Bidders, Terms & Conditions, Special Terms and conditions for PP ONOF bags, Unpriced bid, Delivery requirement, BG formats for SD, Check list for Commercial Terms, Integrity Pact, Certification Form: Make In India (Local Content) and Model Clause Certificate: Public Procurement No. 4 as per Annexures A, I, II, III, IV, VI, VII, VIII, X, XI, XII & XIII based on which this bid is being submitted "			
The following documents form part of the enquiry.			
Sl	Document	TITLE	No. of pages
1	Pre-qualification Criteria	Application and Vendor data Updation form	6
2	Annexure-I	Instructions to bidders (OPEN e-Procurement)	8
3	Annexure-II	Terms and Conditions	5
4	Annexure-III	Special Terms & Conditions for PP ONOF Bags	6
5	Annexure-IV	Unpriced Bid	1
6	Annexure-V	Specifications for PP ONOF bags for BHARAT NPK 20:20:0:13, BHARAT NPK 20:20:0:13:0.5 (Zincated FF), BHARAT NPK-20.5:0:0:23 AMMONIUM SULPHATE) fertilisers & Gypsum	24
7	Annexure-VI	Delivery requirement (Offered quantity and delivery schedule)	1
8	Annexure-VII	Proforma of Bank Guarantee in lieu of Security Deposit	2
RAW MATERIALS		FERTILISERS AND CHEMICALS TRAVANCORE LIMITED	 FACT

FACT CORPORATE MATERIALS		Prequalification cum Supply of Outside laminated ONOF PP ONOF bags for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal Division & FACT-Cochin Division	
9	Annexure-VIII	Proforma of Bank Guarantee towards security in lieu of retention of 2% payment	2
10	Annexure-IX	Format of Compliance Statement	1
11	Annexure-X	Check list for Commercial Terms	2
12	Annexure-XI	Integrity Pact	5
13	Annexure-XII	Certification Form: Make In India (Local Content)	1
14	Annexure-XIII	Model Clause Certificate	1
15	Monograms	BHARAT NPK 20:20:0:13 bags to FACT – UD &CD, BHARAT NPK 20:20:0:13:0.5 (Zincated FF) bags, BHARAT NPK-20.5:0:0:23 (AMMONIUM SULPHATE) bags & Gypsum bags	5

FACT reserves the right to reject any bid on the basis of non execution of contract/unsatisfactory performance of the bidder in any previous contract with FACT/any other company/govt departments or bid from any bidder who has been de-listed/black listed by FACT/any other company due to unsatisfactory performance, forfeiture of EMD or any other similar reason.

For THE FERTILISERS AND CHEMICALS TRAVANCORE LIMITED

Deputy General Manager (Materials) RM

Annexure - A**PRE-QUALIFICATION CRITERIA OF VENDORS FOR SUPPLY OF
POLYPROPLENE (PP) ONOF BAGS FOR PACKING FERTILISERS****I. INSTRUCTIONS:**

1. Please ensure that all the required data are furnished in the format given herein without any omission/ambiguity. Clarifications on data furnished may not be taken up with the applicants. Offers that are incomplete or ambiguous are liable to be rejected.
2. The details furnished shall be authentic. We reserve the right to verify correctness of the details given, by inspecting your premises and records. If any information furnished is found to be incorrect, the offer is liable to be rejected, either during pre-qualification or after, without prior intimation.
3. Vendors already registered with us and supplying to us also shall comply with all the requirements as per this tender.
4. We reserve the right to obtain and verify any additional information than those contained in the offer during or after pre-qualification.

II. ELIGIBILITY CRITERIA

The criteria to be met by the bidders for the Eligibility are as follows:

- a. The vendor should have supplied at least 50 (fifty) lakh PP ONOF bags with outer lamination in one year during any one of the previous three years as on the tender date. Please enclose Purchase Order copies and the corresponding invoices /certificate from buyers on satisfactory performance as proof of the above.
- b. The vendor should have own manufacturing facility to produce minimum 15,000 PP ONOF bags per day. Kindly furnish a declaration confirming the same and the statement showing the details of available machinery and other facilities. FACT reserves the right to verify the details through inspection at the manufacturer's works.
- c. Vendor should have all the facilities and equipment for conducting tests of the PP ONOF bags as per the approved standards. Kindly furnish a declaration confirming the same and a statement showing the details of available facilities and equipment. FACT reserves the right to verify the details through inspection at the manufacturer's works.
- d. Vendor should enclose Solvency Certificate for at least ₹50 Lakhs from any Nationalised/Scheduled bank (Date of issue of the Certificate shall be after the enquiry date)
- e. Vendors shall have valid BIS certification for fertiliser bags on the due date of submission of bids. Copy of the certificate/document to prove the certification to be furnished along with the bid.

NOTE: BIDDERS NOT FULFILLING THE ABOVE CRITERIA WILL NOT BE CONSIDERED.

Yours faithfully

For THE FERTILISERS AND CHEMICALS TRAVANCORE LIMITED

Deputy General Manager (Materials) RM

VENDOR DATA UPDATION (DECLARATION) FORM OF VENDORS FOR PRE-QUALIFICATION CUM SUPPLY OF PP ONOF BAGS

	Description	To be filled in by vendor	
1.0	Name of the vendor		
1.1.0	Full address with PIN code of Registered office and Works.	Registered Office	Production Units (Works)
1.2.0	Telephone Numbers		
1.3.0	E-mail id		
1.4.0	Contact Person		
1.5.0	Full address with PIN code (To which correspondences are to be sent)		
2.0.0	Company Particulars		
2.1.0	Proprietary/ Partnership/ Private Ltd/ Public Ltd/ Public Sector (If Proprietary / Partnership, names of Proprietor/ Partners)	Please furnish documentary proof)	
	Good and Service Tax Registration (GST)	(Yes/No)	Please Enclose copy
	Permanent Account Number (PAN) Card.	(Yes/No)	Please Enclose copy
	Whether SSI Unit	(Yes/No)	Please Enclose copy
	Whether ISO Certified/ approved by the Bureau of Indian standard or any III party inspection agency	(Yes/No)	Please provide documentary evidence if yes
	Whether manufacturing is done directly or subcontracted	(Yes/No)	- do -
2.2.0	Number of Employees		
	Technical Executives (Graduate in Engineering/ textile / Polymer Technology)	Please specify separately	
	Non-Technical Executives		

FACT CORPORATE MATERIALS	Prequalification cum Supply of Outside laminated ONOF PP ONOF bags for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal Division & FACT-Cochin Division					
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	Skilled workers					
	Un-Skilled workers					
	Name, address, telephone no. of Chief executive					
2.3.0	Name and address of Bidder's Bankers (Please enclose copies of certificate of credit worthiness and credit limit certificates from your bankers)					
2.4.0	Please enclose Solvency Certificate for at least 50 Lakhs from any Nationalised / Scheduled banks					
2.5.0	Please enclose audited Balance Sheet for last 3 financial years					
2.6.0	Details of major orders for PP ONOF bags supplied during last 3 years as below to verify conformity with the Eligibility criteria					
	Year	Description of the bags	Name of the buyer/s	Quantity (in lakh)	Date of Order	Value (Rs.)
2.6.1	Copies of purchase orders and corresponding invoices / Certificate from buyers on satisfactory performance shall be enclosed in support of details in para 2.6.0 above. Offers without furnishing the above details and without supporting documents in conformity with the eligibility criteria are liable for rejection.					
2.7.0	Sales turn over during the 3 financial years					
		QTY. in numbers		Value in Rs.		
	Period	Total for all products	For PP ONOF bags alone	Total for all products	For PP ONOF bags alone	
3.0.0	Do you have any associate firm manufacturing various types of bags. If yes give the following details (use additional sheets if there are more than one)					

RAW MATERIALS	FERTILISERS AND CHEMICALS TRAVANCORE LIMITED	
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FACT CORPORATE MATERIALS		Prequalification cum Supply of Outside laminated ONOF PP ONOF bags for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal Division & FACT-Cochin Division		
3.1.0	Name and address			
3.2.0	Constitution			
3.3.0	Names of common partners / Directors			
3.4.0	Whether SSI, if YES give details of NSIC registration.			
3.5.0	Turn over for the last three financial years			
	Year		Turnover in Rs.	
3.5.1				
3.5.2				
3.5.3				
3.6.0	Product details			
3.7.0	Please give Chartered Accountant's certificate, certifying that the firms mentioned at above are your associate firms.			
4.0.0	Manufacturing facilities:			
4.1.0	Please furnish details of manufacturing facilities for making outer laminated PP ONOF bags to verify conformity with the Pre-qualification criteria.(In case more than one production unit, please provide details for each unit in separate sheet as per the following format)			
4.1.1	Machinery	No. of machines available in working condition	Capacity of each m/c (per day)	Capacity of the m/c (in terms of no. of bags per day and month)
4.1.2	Tubing machine		 Kg/day	
4.1.3	Extruders: (a)T-dye (b)Round dye		 Kg/dayKg/day	
4.1.4	Winding Machine			
4.1.5	Circular looms		 mts./day	
4.1.6	Extrusion coating (lamination) Plants		 mts./day	
RAW MATERIALS		FERTILISERS AND CHEMICALS TRAVANCORE LIMITED		

FACT CORPORATE MATERIALS		Prequalification cum Supply of Outside laminated ONOF PP ONOF bags for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal Division & FACT-Cochin Division		
4.1.7	Liner extruders		 Kg/day	
4.1.8	Cutting machines		 bags/day	
4.1.9	Sewing machines		 bags/day	
4.1.10	Printing Machines		 bags/day	
4.1.11	Baling Machines			
4.1.12	Diesel Generators/Captive Power Plants		KVA	
4.1.13	Eqpt. connected to diesel Generators/CPP			
4.1.14	Any other equipment available			
4.2.0	Manufacturing capacity in terms of the number of outer laminated PP ONOF bags per day using the above facilities		bags / day	
5.0.0	Quality Control Facilities			
5.1.0	Quality control facilities and machinery. Please list out the facilities and machinery available to ensure manufacturing of PP ONOF bags as per our specification. Copies of documents used for internal Quality control for stage-wise quality control (Please use additional sheets if required)			
6.0.0	Source of Raw Materials			
6.1.0	PP			
6.2.0	HMHDPE			
6.3.0	PRINTING INK			
6.4.0	STEREO FOR PRINTING			
6.5.0	STITCHING THREAD			
6.6.0	Types of Master batches used & sources			
7.0.0	General			
7.1.0	What is the distance of your works Manufacturing PP ONOF bags from Kochi and transit time required for a truckload to reach Kochi from your works?		Distance : Kms. Transit Time : days.	
RAW MATERIALS		FERTILISERS AND CHEMICALS TRAVANCORE LIMITED		

FACT CORPORATE MATERIALS		Prequalification cum Supply of Outside laminated ONOF PP ONOF bags for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal Division & FACT-Cochin Division	
7.2.0	Have you ever been blacklisted by any Govt.Dept, Public Sector, Quasi Govt. Undertaking, etc... If so, please furnish the details.		
8.0.0	CHECKLIST FOR ENCLOSURES (Please check and confirm attachment of the following documents):		
8.1.0	Documents in proof of your Organisation's Constitution	Yes/No	
8.2.0	Copies of GST Regn. Certificate :	Yes/No	
8.3.0	Copy of Income Tax Return for previous three years	Yes/No	
8.4.0	Proof of valid registration certificates under SSI / NSIC	Yes/No	
8.5.0	Proof of ISO Certification / BIS approval and / or approval by reputed III Party Inspection Agency.	Yes/No	
8.6.0	Certificate of Credit worthiness and credit limit certificate from your bankers.	Yes/No	
8.7.0	Solvency Certificate for at least 50 Lakhs from any Nationalised/Scheduled bank (Date of issue of the Certificate shall be after the enquiry date)	Yes/No	
8.8.0	Chartered Accountant's Certificate on associate firms	Yes/No	
8.9.0	Latest 3 years balance sheets Profit & Loss Account for previous 3 years	Yes/No	
8.10.0	Major Purchase Order copies and corresponding invoices or Certificates on satisfactory performance as proof for completion from buyers, pertaining to the last three financial years	Yes/No	
Note: In case the vendor has more than one production unit and the combined capacity of all such units is considered as assessed capacity of the vendor, then the capacity of such production units shall not be considered for the pre-qualification of their sister concerns if any. In case sister concerns under the same management would like to be pre-qualified they shall apply separately and should conform to the pre-qualification criteria and other requirements independently. We certify that all information furnished by us in this application form is correct and true. In the event that the information given is found to be incorrect /untrue, FACT shall have the right to disqualify us or remove us from FACT's vendor lists without giving any notice or reason thereof. Place : _____ Date : _____ Signature : _____ Name of the authorized signatory: _____ Seal : _____			
RAW MATERIALS		FERTILISERS AND CHEMICALS TRAVANCORE LIMITED	

Annexure - I**Instructions to Bidders (OPEN e-Procurement)**

- 1.0 Definition.
- 1.1 The term "FACT" shall mean The Fertilisers and Chemicals Travancore Limited having its Head Office & Registered Office at Eloor, Udyogamandal, Cochin and its Divisions and its successors and/or assignees.
- 1.2 The term "Bidder" shall mean the person(s), firm, or company who offer(s) a bid duly signed in response to the enquiry issued by FACT and shall be deemed to include their representatives, heirs, executors and administrators and successors of such person(s), firm, or company.
- 1.3 Bidder shall study carefully the NIT, Eligibility Criteria, Instructions to bidders (Annexure I), Terms and Conditions (Annexure – II) Special Terms & Conditions for PP ONOF bags (Annexure-III), monograms, Specifications (Annexure-VA, VB, VF & VJ) and Integrity Pact (Annexure-XI) attached hereto. Scanned copies of such documents shall be uploaded along with the offers submitted online attached herewith. All conditions set out therein shall be binding on the bidders unless conflicting with any conditions expressly stated by FACT while accepting any bid in the event of such acceptance. One scanned copy of the NIT, Eligibility criteria & Vendor data Updation form, Instructions to Bidders, Terms and conditions, Special Terms and Conditions for PP ONOF bags, monograms and Specifications for PP ONOF bags for BHARAT NPK 20:20:0:13, BHARAT NPK 20:20:0:13:0.5 (Zincated FF) & BHARAT NPK-20.5:0:0:23 (AMMONIUM SULPHATE) fertilisers & Gypsum, shall be signed on all pages by the bidders and shall accompany their bids signifying their acceptance of the same. Bidder shall also submit Unpriced bid (Annexure – IV), Delivery Requirement (Annexure-VI), Formats of BGs, Compliance Statement (Annexure-IX), Check list for Commercial Terms (Annexure-X), Integrity Pact in plain white paper (Annexure – XI), Certification Form: Make In India (Local Content) (Annexure-XII) & Model Clause Certificate (Annexure-XIII) along with the offer duly filled with all details required therein and also attach supporting documents as required.
- 1.4 Offers against this tender shall be submitted online on e-Tendering portal <https://gem.gov.in>. Offers submitted on any other platform or in any other mode or including e-mails, physical submission of offers etc. SHALL NOT be accepted.
- 1.5 The bidders are requested to register themselves on the above website, if not done already.
- 1.6 **The documents, if any, which necessarily have to be submitted in originals if specified specifically in the enquiry documents, such as Solvency Certificate as per pre-qualification criteria, to be sent by post/courier so as to reach this office in the address given below in clause 1.7 of Annexure I. However scanned copies of such documents shall be uploaded along with the offer submitted online.**
- 1.7 The cover (s) containing the documents in original etc. to be submitted offline as required in the enquiry documents shall be duly superscribed with enquiry No., due date of enquiry, bidder's name & address and contact details. The documents shall be submitted to the following on or before the due date :

Deputy General Manager (Materials) RM, Corporate Materials,
FACT- PD Administrative Office Building, FACT Ltd., Udyogamandal PO,
Kochi – 683 501, Kerala

2.0 Bid documents shall consist of the following.

2.1 PART A

- i) NIT
- ii) Pre-qualification Criteria and Vendor data updation Form (Annexure-A)
- iii) Instructions to Bidders (Annexure – I)
- iv) Terms and Conditions (Annexure- II)
- v) Special Terms and Conditions for PP ONOF bags (Annexure-III).
- vi) Unpriced bid format (Annexure – IV)
- vii) Copies of the specifications at Annexures VA, VB, VF & VJ
- viii) Delivery Requirement (Annexure – VI)
- ix) BG formats for SD and Retention amount (Annexure – VII & VIII)
- x) Compliance Statement as per format at (Annexure-IX)
- xi) Check list for Commercial Terms(Annexure-X)
- xii) Integrity Pact (Annexure-XI)
- xiii) Certification Form: Make In India (Local Content) (Annexure-XII)
- xiv) Model Clause Certificate (Annexure-XIII)
- xv) Copies of monograms

PART B

- i) Price Bid

2.2 The bid shall be signed by authorized persons only.

2.3 Bid with false statements or incomplete details are likely to be rejected.

2.4 No Pre-bid meeting shall be arranged for this tender. However any technical/commercial queries shall be forwarded and get clarified before the submission of bids.

In case of technical/ commercial queries, please contact the following personnel:

1. Manju M Warriar, Tel: 0484-2568623

e-mail: manju@factltd.com

2. Shima P S, Tel: 0484-2568620

e-mail:shima@factltd.com

2.5 The online bids as above shall be uploaded before **the bid submission due date** indicated in the Tender Notice. The PART A of bids shall be opened on **the bid opening due date** indicated in the Tender Notice, in the presence of bidders or their authorized representatives who choose to be present.

3.0 **Earnest Money Deposit (EMD) : EMD amount Rs.1,00,000/-** shall be remitted online through 'State Bank Collect' portal using the link given below:

The link is also available on our website www.fact.co.in

Tenders  'Click Here to Pay EMD/Security Deposit'

[https://onlinesbi.sbi.bank.in/sbicollect/icollecthome.htm?corpID=9303&categoryName=Earnest Money Deposit \(EMD\)/SD Remittance](https://onlinesbi.sbi.bank.in/sbicollect/icollecthome.htm?corpID=9303&categoryName=Earnest Money Deposit (EMD)/SD Remittance)

The bidder shall precisely indicate the Name of the bidder, Tender number and other relevant details while making the online payment through 'State Bank Collect 'and the payment receipt generated thereon shall be uploaded along with the offer submitted online

FACT CORPORATE MATERIALS	Prequalification cum Supply of Outside laminated ONOF PP ONOF bags for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal Division & FACT-Cochin Division	
Earnest Money Deposit (EMD) shall also be remitted through NEFT/RTGS, to the following bank account as below: FACT A/C No. : 57017844467 IFSC Code : SBIN0070158. Name of Bank : State Bank of India, Udyogamandal District : Ernakulam State : Kerala. Proof of payment such as copy of the Payment Receipt / UTR No. shall also be furnished along with bid. Bids without EMD or inadequate amount of EMD will be rejected. No interest shall be paid on the EMD. EMD of the unsuccessful bidder will be refunded immediately after awarding the contract. EMD furnished against one enquiry will not be adjusted against any other enquiry. Bids without EMD shall be rejected except in the following cases. EMD will be exempted for Govt.Depts/firms/public sector units/Startups recognized by Dept. of Industrial policy & Promotion, MSE units registered under MSMED Act/ firms registered under NSIC/Khadi Board etc. as per applicable govt. directions, on submission of valid documents in proof of the same. Proof of being a Micro / Small Enterprise and documents regarding Udyam number shall be scanned and uploaded with the bid. 3.1 If the bidder withdraws his bid before expiry of its validity period or fails to sign and return the duplicate copy of the Purchase Order within ten days of its receipt, the EMD shall be forfeited, without notice and without prejudice to FACT's right to take other actions including claiming damages. 3.2 If the successful bidder wants to adjust EMD towards Security Deposit, the same may be done with FACT's consent based on written request. 3.3 FACT is not bound to accept the lowest bid and reserves the right to reject any or all the bids without assigning reasons whatsoever. FACT also reserves the right to place order / orders on one or more bidders. 3.4 FACT reserves the right to extend, without giving any reasons, the due date for submission/opening of bids against this enquiry. Bidders are requested to visit Central Public Portal(https://eprocure.in) for any updates/corrigendum on the tender, including extension of due date, if any. 3.5 FACT reserves the right to reduce or increase the quantity from the enquiry, at any time, without assigning any reasons whatsoever. 4.0 Bid shall be valid for a period of 3 months from the date of opening of bids. The original bid shall not be withdrawn within the validity period even if negotiations are done or counter offer made by FACT. 5.0 Evaluation: Evaluation will be based on FOL destination price. Vendor shall provide HSN Code and place of supply (whether it is IGST or CGST+SGST supply). 6.0 As per the directive of Ministry of Micro, Small and Medium Enterprises (MSME), GoI, issued vide Order dated 23.3.2012 MSE units participating in tenders and quoting price band of R1+15% shall also be allowed to supply a portion of requirement by bringing down their prices to R1 price in a situation where R1 price is from someone other than a MSE and such MSE shall be allowed to supply up to 25% of total tendered value. In case of more than one such MSE, the supply will be shared proportionately (to tendered quantity). Special provisions extended to certain categories of MSEs as per the order		
RAW MATERIALS	FERTILISERS AND CHEMICALS TRAVANCORE LIMITED	 FACT

FACT CORPORATE MATERIALS	Prequalification cum Supply of Outside laminated ONOF PP ONOF bags for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal Division & FACT-Cochin Division	
shall also be applicable. As per the directive; the above stipulation has been made mandatory from 1st April 2015. The above term is subject to the GoI directives on mandatory price preference to be given to MSE units as per prevalent rules. 6.1 In case of non-divisible tenders, an MSE quoting in the price band of R1+15% may be awarded for full/complete work of tendered value, considering the spirit of policy for enhancing the Government procurement from MSEs subject to bringing down of price to R1 by the MSE concerned. 6.2 This tender is divisible. For requirements up to 5 lakh bags, FACT may not split the order. 6.3 Firms registered under MSMED Act shall be extended benefits under public procurement policy for MSEs and such other provisions effected by GoI from time to time, as applicable, (hereinafter called 'the Policy') including special benefits to MSE firms owned by SC/ST and women entrepreneurs, on furnishing relevant documents as proof. 6.4 When supply / service as per the tender is divisible in nature, MSEs quoting within the price band prescribed in the Policy shall be allowed to supply / execute a portion of the requirement as prescribed in the Policy, subject to conditions as mentioned in the Policy. 6.5 When supply / service as per the tender is non-divisible or non-splitable in nature, MSEs quoting within the price band prescribed in the Policy (in ascending order) may be awarded full / complete supply of total tendered value to such MSEs, subject to conditions as mentioned in the Policy. 7.0 All correspondence with regard to this enquiry shall be in English, shall bear the reference number of the enquiry and addressed to the: The Deputy General Manager (Mat)/RM, Corporate Materials, FACT Ltd., FACT-PD Administrative Building, Udyogamandal, P.O Kochi, Kerala. PIN - 683 501. 8.0 SUBMISSION OF BIDS: 8.1 Bid documents shall consist of Part-A and Part B as detailed below: <u>Part A (Techno Commercial Bid) shall contain:</u> a) Copy of EMD Instrument. (UTR No./Payment Receipt/Challan), as applicable or Claim for EMD exemption with testimonials. b) Duly Signed copies of NIT, Instructions to Bidders (Annexure-I), Terms and Conditions (Annexure-II) Special Terms and Conditions for PP ONOF bags (Annexure-III) & BG formats (Annexure VII & VIII) c) Copy of duly Signed Specifications at Annexure- VA, VB, VF & VJ d) Copy of Signed & duly filled Vendor Data Updation form of vendors for Supply of PP ONOF bags and all the documents as per requirement for Pre-qualification Criteria as proof. e) Copy of Signed & duly filled Un-priced bid (Annexure-IV) f) Copy of Signed & duly filled Delivery Requirement. (Annexure-VI) g) Copy of Signed & duly filled Compliance Statement. (Annexure-IX) h) Copy of signed & duly filled Check list for Commercial Terms (Annexure-X) i) Copy of Integrity Pact executed in white paper (Annexure – XI) j) Copy of signed & duly filled Certification Form: Make In India (Local Content) (Annexure-XII) k) Copy of duly Signed Monograms l) Model Clause Certificate (Annexure-XIII)		
RAW MATERIALS	FERTILISERS AND CHEMICALS TRAVANCORE LIMITED	 FACT

Part-B: PRICE BID

Price Bid shall be filled in all the relevant fields as per GEM. Price quoted shall be all inclusive rates for F.O.L destination basis.

8.2 The System does not allow submission of bids or any other document forming part of the bid after due date & time of bid submission. Non-submission of documents or incomplete documents may result in rejection of offers and no communication in this regard will be entertained. FACT reserves the right to reject any bid not submitted as per instructions at their discretion.

8.3 Timely submission of offers along with all the relevant documents online is the responsibility of the bidder concerned. The bids may be submitted well in advance to avoid last minute issues like non availability of internet, server not available etc., FACT shall not be held responsible for inability of submit documents in time due to power failure, non availability of internet etc., and for incomplete submission of offers or non submission of any documents forming part of the offers.

9.0 BASIS OF ARRIVING AT L1 TENDERER:**9.1 BID OPENING:**

9.1.1 **Part-A** of the bids of all bidders who submit their bids as per the instructions by the due date and time as above and which are in conformity with the Enquiry instructions shall be opened online, on the specified bid opening date & time.

9.1.2 **Part-B** - Price bids of bidders whose Part-A bids are found acceptable based on techno-commercial evaluation only will be opened on a subsequent date. The Price bid opening date/time and reverse auction date/time will be intimated to the bidders concerned.

9.2.0 Reverse Auction may be conducted, if necessary, if the numbers of eligible bidders are more than one.

9.2.1 Place for conducting Reverse Auction: The eligible bidders can participate in the online reverse auction from any place of their choice. The reverse auction shall however be done on GeM portal as per GeM Methodology.

9.2.2 Starting/Base Price for Reverse Auctioning: The Opening Price/base price for Reverse Auction will be informed after the Opening of Financial/Price Bids. This shall be the lowest landed (FOL Destination) rate received against the initial price bids submitted by participating vendors. Availability of Internet connectivity is the responsibility of the bidders. Non availability of Internet connectivity/proper band width, electricity failure, virus attack, problem with PC, any unforeseen circumstances at bidders end etc before or during the auction event will not be accepted as reason for nonparticipation in the E-Reverse Auction. Further, merely login into the system during e-Reverse Auction shall not be treated as participation in e-Reverse Auction process.

9.2.3 In case the R-1 rate received during Reverse Auction is not found reasonable, FACT reserves the right to re-conduct the reverse auction at its sole option. In such case of Reverse Auction, the R-1 rate received against first reverse auction will become opening price/ base price.

9.2.4 For the distribution of order quantity among the successful vendors, priority shall be given in accordance with the hierarchy after reverse auction instead of the initial price bid hierarchy i.e. the criteria of distribution shall be based on rates of R1, R2, R3 bidders and so on subject to their matching of R1/negotiated R1 rates. In case the complete quantity

does not get covered as per the above proposed arrangement, then the original hierarchy shall be taken into consideration

9.2.5 Elimination of H1 bidder shall be as per GEM methodology.

9.2.6 If any of the vendors did not respond/ participate in the Reverse Auction, their original quoted rates shall remain same.

9.3 **NEGOTIATION WITH R1 TENDERER:**

If FACT deems it fit to conduct negotiation, negotiation will be conducted:

- i. Where there is only one Techno Commercially qualified bid.
- ii. Where there are more than one Techno Commercially qualified bid and where reverse auction is conducted but no competitive bid in reverse auction, with R1 tenderer.

10.0 **SPLITTING UP OF JOBS:**

25% of total order quantity shall be allocated to MSME units as per clause 6.0. The lowest bidder (R1), the second lowest bidder (R2) and third lowest bidder R3) will be awarded order in the percentage ratio of 50:30:20 subject to capacity and also matching with the R1 rate. In case R2, R3, does not match with the R1 rate then R4 will be awarded order allocated for second lowest bidder subject to R4 matching with R1 rate and so on. The opportunity shall be extended to all eligible bidders whose offers are technically acceptable until 3 bidders are shortlisted for placing of orders. In case only 1 bidder apart from the R1 bidder accept the R1 rate, those 2 bidders will be awarded order in the percentage ratio of 70:30 of the balance quantity. In case R2, R3 etc. do not match with the R1 rate, order may be given to R1 for the full quantity subject to capacity of R1.

10.1 In case an MSE unit becomes eligible for the splitting as above after Reverse Auction, the purchase preference extended to the those MSEs will be covered in the above splitting.

10.2 For requirements up to 5 lakh bags, FACT may not split the order.

11.0 Only those bidder(s) whose techno-commercial bid has been found acceptable on evaluation will be considered for placement of Purchase order(s).

12.0 **SAMPLE BAGS APPROVAL BEFORE COMMENCEMENT OF BULK SUPPLIES**

12.1 Vendor who has not supplied PP ONOF bags to FACT previously, shall initially supply 20 nos sample bags with print as per the monogram attached with the tender, for approval from FACT, within 15 days on placement of order if any. The sample bags should conform to the Technical Procurement Specification and monograms as per the attachment in the tender document and should successfully complete all testing/ inspection procedure on the sample bags. In the event of initial set of bags being not approved, the vendors may submit another set of bags within 10 days of receipt of mail for resubmission of sample and will be final. In the event of the vendor not supplying the samples within 15 days on placement of order if any or failing to supply the acceptable samples within the time limit as above, order on them are liable to be cancelled. Bulk supplies from new vendors shall start after the approval of sample bags by FACT.

12.2 Vendor who has supplied PP ONOF bags to FACT previously or have got their sample approved need not supply sample bags for approval. However, the artwork approval of the monogram shall be obtained before starting bulk supplies.

FACT CORPORATE MATERIALS	Prequalification cum Supply of Outside laminated ONOF PP ONOF bags for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal Division & FACT-Cochin Division	
12.3 The colour schemes and printing on the bags shall be as per the monogram attached and shall be revised based on GOI orders. 13.0 Bidders shall meet all expenses in connection with submission of his bid, meetings etc. 14.0 FACT reserves the right to extend without giving any reason, the last date for submission and opening of bid, but such extension will be duly intimated to those who have submitted online and also published in our website. In case the date of bid opening happens to be a day of strike/hartal etc. due to any reasons or happens to be a holiday for FACT, declared due to unforeseen and emergency reasons or due to any tech problems, the bids will be opened at the same time on the next full working day. 15.0 Make in India Provisions of Public Procurement (Preferences to Make in India) Order 2017 notified vide Order No: P-45021/2/2017-BE-II dated 15th June 2017 of DIPP and subsequent orders issued 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 as per latest amendment. 15.1 Purchase Preference Benefit 15.2 a) Minimum local content: - The 'local content' requirement to categorize a supplier as 'Class-I local supplier' is minimum 50%. For 'Class-II local supplier', the local content requirement is minimum 20%. b) Margin of Purchase Preference: - The margin of purchase preference shall be 20%. In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and/or local content in respect of this procurement, same shall be applicable. 15.3 Being domestic tender, only 'Class-I Local supplier' and Class-II Local Supplier as defined in "Public Procurement (Preference to Make in India) order 2017" dt: 16/09/2020 shall be eligible to bid in this tender. In case of procurement for a value up to Rs.10 crore, the local supplier at the time of tender, bidding or solicitation shall be required to provide self-certification that the item offered meets the minimum local content and shall give details of the location(s) at which the local value addition is made. In case of procurement for a value in excess of Rs.10 crore, the local supplier shall be required to provide a certificate from Statutory Auditor or Cost Auditor of the Company (in the case of Company) or from practicing Cost Accountant or practicing Chartered Accountant (in respect of supplier's other than Company) giving the percentage of local content. 15.4 A supplier who has been debarred by any procuring entity for violation of this Order shall not be eligible for Purchase Preference under this Order for procurement by any other procuring entity for the duration of the debarment. A self-certificate to the effect that the bidder has not been debarred by any procuring entity from violation of this order should be enclosed along with techno-commercial bid. 15.5 In case of participation of MSEs and Make in India (local content) Vendor against the same tender, MSE Vendor will be given preference to match with L-1 bidder as per Public Procurement Policy. MSE Vendor will be evaluated with 15% purchase preference and local content Vendor will be evaluated with 20% purchase preference. 16.0 FACT reserves the right to relax the norms on prior experience & turnover for startups (recognized by DIPP)/Micro & Small Enterprises (MSEs) in Public Procurement subject to their meeting of quality and technical specifications. To avail such relaxation, bidder shall have to submit the relevant certificate issued by concerned authority. 17.0 In case a bidder is eligible to seek benefit under Purchase PP-LC (Purchase Preference		
RAW MATERIALS	FERTILISERS AND CHEMICALS TRAVANCORE LIMITED	

linked with local content) policy as well as PPP for MSE 2012, then the bidder should categorically seek benefits against one of the two only i.e. either PP-LC or MSE policy. The option once exercised cannot be modified subsequently.

18.0 Purchase preference benefits shall be extended to the bidder based on the declared option subject to the bidder meeting the requirements contained in that purchase preference policy.

19.0 In case a MSE bidder opts for purchase preference based on PP-LC, he shall not be entitled to claim purchase preference benefits available to MSE Bidders under PPP- Page 8 of 46 2012. However the exemption from furnishing Bidding Document fee and Bid security/EMD, if any, shall continue to be available to MSE Bidders.

20.0 In case a MSE bidder wants to avail the purchase preference, the bidder must be a manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for MSEs. In respect of bid for services. The bidder must be the Service provider of the offered service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service

21.0 Integrity Pact: The bidders shall sign and submit an "Integrity Pact (IP)" to be executed between the bidder and The Fertilisers And Chemicals Travancore Ltd. on plain white paper along with the bid as per Annexure XI. The following officers shall be the Independent External Monitors (IEMs) for this tender and their contact details are given below:

1. Shri Pradeep Kumar Jajoria
Flat No. 1002, Oberoi Maxima,
JVLR, Jogeshwari East,
Mumbai 400060
Email: pkjajoria@yahoo.com
2. Shri Arvind Kumar Arora
B-333, Chittaranjan Park
New Delhi – 110019
Email: arvindarora333@gmail.com

Note:

(1) In case bidders require any clarification pertaining to the tender please contact : Manju M Warriar / Shima P S,
manju@factltd.com/shima@factltd.com, **Ph.04842568623/04842568620.**

(2) Kindly note that the Independent External Monitors should NOT be contacted for clarifications regarding the tenders."

ANNEXURE II**TERMS AND CONDITIONS****1.0 Definitions**

- 1.1 The term "FACT" shall mean The Fertilisers and Chemicals Travancore Limited having its Head Office & Registered Office at Eloor, Udyogamandal, Cochin and its Divisions and its successors and/or assignees.
- 1.2 The term ' Seller ' shall mean the person(s) firm, or company with whom the contract for the supply of bags has been entered into and shall be deemed to include their representatives, heirs, executors and administrators and successors of such person(s) firm, or company.
- 1.3 The term " Order " shall mean the Purchase Order of which this forms a part and all attached Annexures and Documents referred to therein and all terms and conditions together with any subsequent modifications thereto.

2.0 Scope of order

- 2.1 The bags are to be supplied according to the specifications mentioned in the enquiry document and these terms and conditions unless any or all of them have been modified or cancelled in writing either as a whole or in part.
- 2.2 FACT reserves the right to alter the specification, if found necessary, with the concurrence of the Seller.

3.0 Period of contract:

- 3.1 **Period of contract shall be 12 (Twelve) months from the date of issue of Letter of Intent and this may be extended or shortened on the same terms by up to 3 months at the option of FACT.**

4.0 Security Deposit (SD)

- 4.1 Within fifteen days of receipt of Letter of Intent/Purchase Order, the Seller shall furnish interest free Security Deposit **of Rs.1 lakh or 2.5% of order value** whichever is more towards faithful performance of the contract, failing which the letter of intent/order is liable to be cancelled and EMD forfeited without notice and without prejudice to FACT's right to take other actions including claiming damages.
- 4.2 The Security Deposit shall be remitted online through 'State Bank Collect' portal using the link given below or by Bank guarantee from a Nationalized / Scheduled Bank in INDIA, in the prescribed format issued by FACT is also accepted as Security Deposit.

- (i) Link for payment of **SECURITY DEPOSIT** through '**State Bank Collect**' is given below. The link is also available on of our website www.fact.co.in

Tenders  'Click Here to Pay EMD/Security Deposit'

[https://onlinesbi.sbi.bank.in/sbicollect/collecthome.htm?corpID=9303&categoryName=Earnest Money Deposit \(EMD\)/SD Remittance](https://onlinesbi.sbi.bank.in/sbicollect/collecthome.htm?corpID=9303&categoryName=Earnest Money Deposit (EMD)/SD Remittance)

- (ii) The bidder/vendor shall precisely indicate their Name, order number and other relevant details while making the online payment through 'State Bank Collect 'and the payment receipt generated thereon shall be submitted to us.

FACT CORPORATE MATERIALS	Prequalification cum Supply of Outside laminated ONOF PP ONOF bags for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal Division & FACT-Cochin Division	
The SD shall be interest free. The Bank Guarantee shall be from a Nationalised bank/scheduled bank. The bank guarantee shall be confirmed by the issuing bank and shall be valid for 12 months and with a further claim period of 6 months.		
4.3	The EMD will be refunded only after receipt of SD or the bank guarantee furnished towards SD is accepted by FACT. The EMD remitted may be adjusted against SD with FACT's consent based on written request by the Seller.	
4.4	The SD shall be released only when supplies are completed as per the purchase order and final bill paid. The SD shall be liable to be forfeited should the Seller fail to fulfill the contractual obligation to FACT's satisfaction or to settle in full their dues to FACT or where FACT had to procure supplies of bags from other sources at Seller's risk and cost and to claim further compensation towards loss sustained by it. In such an event, amount due to FACT from the Seller shall be deducted from the SD to the extent available and the seller shall on receipt of notice of claim from FACT, make a further deposit or furnish bank guarantee for balance amount, if any. If the SD is in the form of a Bank Guarantee, its validity shall be extended till all outstanding issues are settled.	
4.5	If at the time of release of the SD, all the bags supplied have not been consumed, 2% of the order value or final bill amount for minimum one full lorry load whichever is lower shall be withheld for three months from the date of receipt of last supply towards cost of rejections during use. If the bags are not consumed within these three months, the amount withheld shall be returned, on the Seller giving a written undertaking that he shall reimburse to FACT the actual cost of bags rejected in use subsequently.	
5.0	Mode of Transport	
5.1	Delivery shall be effected at destinations mentioned in the order in lorry loads on door delivery basis. Unloading will be arranged by FACT.	
6.0	Transit insurance:	
6.1	Transit insurance shall be arranged by the Seller at his cost. For the purpose of declaring insurance value of each consignment, the cost of materials plus applicable GST, and 3% incidental charges on F.O.L. destination value shall be taken into account. Insurance shall also cover 30 days storage at FACT's site. Documentary evidence shall be furnished.	
7.0	Firm price /Price variation clause:	
7.1	The prices shall be for delivery at destination by lorry and firm without any escalation till the order is completely executed except for variation in statutory levies as per 9.0 below and for price of raw materials as per Price Variation Clause in Annexure - III.	
8.0	Payment Terms:	
8.1	98% of the value of bags shall be paid after receipt and acceptance of bag by FACT with all relevant documents as shown in Annexure III Clause 2, at the designated store. Balance 2% shall be paid after 3 months of supply of each consignment subject to clause 4.5 above.	
OR		
100% of the value of bags shall be paid after receipt and acceptance of bags by FACT with all relevant documents as shown in Annexure III Clause 2 against BG for 1% of		
RAW MATERIALS	FERTILISERS AND CHEMICALS TRAVANCORE LIMITED	 FACT

FACT CORPORATE MATERIALS	Prequalification cum Supply of Outside laminated ONOF PP ONOF bags for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal Division & FACT-Cochin Division	
order value and valid for a period of 15 months (from the date of receipt of first lot) extendable for 3 more months. If the supply has not been completed during the 12 months period due to delay in delivery/change in delivery schedule etc. the BG shall be extended accordingly.		
8.2 Statutory deductions towards income tax, TDS on GST etc shall be made from the supplier's bills as applicable.		
9.0 Taxes, Duties and Levies.		
9.1 The bidders shall furnish the following along with the offers: 1. The GST registration Number and details of the bidder. In the case of Provisional ID, GST Registration Number shall be provided on receipt of the same. 2. Place of supply 3. Address of the supplier billing the item if it is different from 2 above 4. GST rates applicable for each item 5. HSN / SAC codes of each of the goods / services quoted 6. In case of unregistered supplier, a declaration to that effect with reason should be furnished.		
9.2 Our GST registration in the state of Kerala is 32AAACT6204C1Z2.		
9.3 The prices quoted shall be inclusive of GST. The supplier/contractor shall do the following: a) Submit GST compliant tax invoice to FACT along with supply. b) Shall ensure uploading the above invoice as per statute & c) File monthly returns in time enabling FACT to claim the input tax credit.		
9.4 GST charged by the supplier/contractor shall be released separately to the supplier/contractor only after filing of (i) the outward supply details & the monthly return on GSTN portal by the supplier/contractor and (ii) on matching the input tax credit to such invoice with the corresponding details of outward supply of the supplier/contractor. In case FACT incurs any liability (like interest, penalty etc.,) due to denial/reversal of such input tax credit in respect of the invoice submitted by the supplier/contractor, for the reasons attributable to the supplier/contractor, the same shall be recovered from the supplier/contractor. Further in case FACT is deprived of the input tax credit due to any reason attributable to the supplier/contractor, the same shall not be paid or recovered if already paid to the supplier/contractor.		
10.0 Quantity and Delivery:		
10.1 The bags shall be delivered as per mutually agreed delivery orders. The bags shall be delivered within the time specified in the delivery order and as per any other instructions given. FACT reserves the right to amend the quantities for delivery orders within the quantity offered by the Seller for each month.		
10.2 The goods shall be deemed delivered by seller on receipt at the site specified in the order.		
10.3 Delivery shall be in such a manner as to ensure safe arrival of goods in good condition without damage or deterioration.		
11.0 Delays in Delivery		
11.1 <u>The schedule of delivery as intimated through delivery orders and executed as per schedule is the essence of the contract.</u>		
RAW MATERIALS	FERTILISERS AND CHEMICALS TRAVANCORE LIMITED	

FACT CORPORATE MATERIALS	Prequalification cum Supply of Outside laminated ONOF PP ONOF bags for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal Division & FACT-Cochin Division	
11.2 If Seller fails to deliver the bags covered under each months delivery order within the delivery time stipulated therein, liquidated damages at the rate of 0.50% of the value of the undelivered bags per week or part thereof subject to a maximum of 5% of the value of undelivered bags shall be payable by seller. Such liquidated damages + applicable GST shall be deducted from Seller's invoice. 12.0 Sellers' Default 12.1 In the event of any default by seller to comply with any of the provisions or requirements hereof, FACT shall have the right to terminate the order and arrange for the procurement of bags, from alternative sources at the risk and cost of the Seller. The waiver of one default shall not be considered an automatic waiver of any other default. 13.0 Sub-letting of order. 13.1 The Seller shall not sublet or assign this Order or any part thereof. Order will be placed by FACT only on the bidder(s) whose Prequalification Cum Techno-Commercial bid has been found acceptable on evaluation unless otherwise specifically agreed to by FACT. 14.0 Modification 14.1 No agreement or understanding in any way modifying the conditions of order shall be binding upon FACT unless mutually agreed and accepted in writing by FACT. 15.0 Entirety of the Order. 15.1 Order together with its schedules/attachments including terms and conditions and specifications, constitute the entire agreement between the parties and prior negotiations and writings are superseded and supplemented hereby and no other communication, proposal or understanding, written, oral or implied shall be considered to be included in the Order unless specifically agreed to in that behalf in writing by FACT. 16.0 Claims 16.1 FACT shall be entitled to retain the amount of any of its claims against the Seller, whether liquidated or un-liquidated, arising out of this Order and set off the same against any amount payable to the Seller under the Order, without prejudice to and in addition to the other rights of FACT, including the recovery of the amount of any claim, by other methods, legally available. 17.0 Force Majeure: 17.1 Neither the Seller nor FACT shall be considered in default in the performance of their obligations as per the Order so long as such performance is prevented or delayed because of strikes, war, hostilities, revolution, civil commotions, epidemics, accidents, fire, wind, flood or because of any law and order proclamation, regulation or ordinance of Government or sub-division thereof or because of any act of God. Notice of a circumstance of `force majeure' shall be given by telegram/fax addressed to the other party within five working days of its occurrence. This shall be immediately confirmed by a letter with appropriate documentary evidence confirming the existence of a situation of force majeure.		
RAW MATERIALS	FERTILISERS AND CHEMICALS TRAVANCORE LIMITED	 FACT

18.0 Applicable Law and Settlement of Disputes.

- 18.1 This Order shall be subject to and shall in all respects be governed by Indian Law.
- 18.2 If the Seller is a Central Public Sector Enterprise / Central Government Department: In the event of any dispute or difference relating to the interpretation and application of the provisions of this contract, such dispute/ difference shall be taken up by either Party for resolution through AMRCD as mentioned in DPE OM No.4(1)2013-PE(GM)/FTS-1835 dated 22.05.2018
- 18.3 If any dispute(s) arises out of or relating to or in connection with this contract, between the Contractor and the Owner/FACT, the same shall be amicably settled through mutual discussions, failing which, the unresolved dispute (s) shall be referred to arbitration in accordance with the provisions of the Arbitration and Conciliation Act, 1996, as amended from time to time and number of Arbitrator shall be one. The venue of the Arbitration shall be at Ernakulam and the proceedings shall be in English. The number of Arbitrator shall be one and the language of the arbitration proceedings shall be English. The place of arbitration proceedings shall be Ernakulam in Kerala
- 18.4 Any legal proceedings relating to this Order shall be limited to Courts of Law under the jurisdiction of the Kerala High Court at Ernakulam.
- 18.5 The bags shall be free and clear of liens and encumbrances and the seller shall have good and marketable title to the same.
- 19.0 FRAUD PREVENTION POLICY:** Bidder shall comply with Fraud Prevention Policy of FACT 2012 (FPPF 2012). The said policy is available in FACT website www.fact.co.in.

Annexure-III
SPECIAL TERMS & CONDITIONS FOR PP ONOF BAGS
1.0 Price Variation Clause of PP outer lamination bags for BHARAT NPK 20:20:0:13/ BHARAT NPK 20:20:0:13:0.5 (Zincated FF) fertilisers:

- 1.1 Pro-rata increase/decrease shall be applicable on prices of bags on the following basis
- 1.2 Weight of PP granules to be taken for calculation of increase/decrease shall be as under.

Outside laminated PP ONOF bags for BHARAT NPK 20:20:0:13 / BHARAT NPK 20:20:0:13:0.5 (Zincated FF) fertilisers (50 KG capacity) Bag weight 135 gms		
For Fabric (PP Grade : H030SG or Equivalent)	Mass of Lamination (PP Grade : H350EG/H350FG or equivalent)	Mass of stitching tape (double stitch with uv stabilized thread/multifilament yarn of 1200 denier)
(105 gms)	(27.5 gms)	(2.5 gms)

- 1.3 The base price shall be the ex. works price of RIL (or any other approved agency fixed by FACT from time to time) RIL H030SG or equivalent and H350EG/H350FG or equivalent for PP as specified in the enquiry documents. Duties, Taxes, Cess, freight and any other charges leviable on granules will not be taken into account while working out increase/decrease.
- 1.4 Increase in bag price due to granular price increase shall be allowed based on the granular price on scheduled date of delivery or actual date of delivery whichever is lower. For delayed supplies escalation will be calculated on the basis of granular price prevailing on scheduled date of delivery or actual date of delivery whichever is lower. However, any decrease shall be passed on to FACT on the basis of granular price prevailing on scheduled date or actual date of delivery whichever is lower

FACT shall have the right to recover at any point of time, the decrease in bag prices applicable as per the above.

- 1.5 The variation shall apply to the bags due for delivery after three weeks from the effective date of revision in the price of granule. The price of granule applicable three weeks before the actual date of delivery of bags shall be considered for supplies made within the scheduled period of delivery. In case of delayed supplies, the price of granule applicable three weeks before the last date of delivery as per the delivery schedule or the price of granule applicable three weeks before the actual date of delivery whichever is lower shall be considered.

The increase/ decrease shall be worked out as per example given below:

- (i) For increase of Rs.1,000/MT in the price of PP Grade H030SG granules, increase bag price as under:

$$\frac{1}{1000} \times 105 = \text{Rs.0.105 per bag}$$

- (ii) For increase of Rs.1000/MT in the price of PP Grade H350EG/350 FG granules increase bag price as under:

$$\frac{1}{1000} \times 27.5 = \text{Rs.0.0275 per bag}$$

The above calculation shall be applicable for decrease in the price of granules also.

1.6 Please note that Price variation clause is not applicable for the Stitching Tape.

2.0 Price Variation Clause of PP outer lamination bags for BHARAT NPK-20.5:0:0:23 (AMMONIUM SULPHATE) fertilisers:

2.1 Pro-rata increase/decrease shall be applicable on prices of bags on the following basis

2.2 Weight of PP granules to be taken for calculation of increase/decrease shall be as under.

Outside laminated PP ONOF bags for BHARAT NPK-20.5:0:0:23 (AMMONIUM SULPHATE) fertilisers (50 KG capacity) Bag weight 115 gm		
Mass of Fabric (PP Grade : H030SG or Equivalent)	Mass of Lamination (PP Grade : H350EG/H350FG or equivalent)	Mass of stitching tape (double stitch with uv stabilized thread/multifilament yarn of 1200 denier)
(89.45 gms)	(23.36 gms)	(2.19 gms)

2.3 The base price shall be the ex. works price of RIL (or any other approved agency fixed by FACT from time to time) RIL H030SG or equivalent and H350EG/H350FG or equivalent for PP as specified in the enquiry documents. Duties, Taxes, Cess, freight and any other charges leviable on granules will not be taken into account while working out increase/decrease.

2.4 Increase in bag price due to granular price increase shall be allowed based on the granular price on scheduled date of delivery or actual date of delivery whichever is lower. For delayed supplies escalation will be calculated on the basis of granular price prevailing on scheduled date of delivery or actual date of delivery whichever is lower. However, any decrease shall be passed on to FACT on the basis of granular price prevailing on scheduled date or actual date of delivery whichever is lower.

FACT shall have the right to recover at any point of time, the decrease in bag prices applicable as per the above.

2.5 The variation shall apply to the bags due for delivery after three weeks from the effective date of revision in the price of granule. The price of granule applicable three weeks before the actual date of delivery of bags shall be considered for supplies made within the scheduled period of delivery. In case of delayed supplies, the price of granule applicable three weeks before the last date of delivery as per the delivery schedule or the price of granule applicable three weeks before the actual date of delivery whichever is lower shall be considered.

The increase/ decrease shall be worked out as per example given below:

(ii) For increase of Rs.1,000/MT in the price of PP Grade H030SG granules, increase bag price as under:

$$\frac{1}{1000} \times 89.45 = \text{Rs.0.08945 per bag}$$

- (ii) For increase of Rs.1000/MT in the price of PP Grade H350EG/350 FG granules increase bag price as under:

$$\frac{1}{1000} \times 23.36 = \text{Rs.0.02336 per bag}$$

The above calculation shall be applicable for decrease in the price of granules also.

2.6 Please note that Price variation clause is not applicable for the Stitching Tape.

3.0 Price Variation Clause of PP outer lamination bags for Gypsum:

3.1 Pro-rata increase/decrease shall be applicable on prices of bags on the following basis

3.2 Weight of PP granules to be taken for calculation of increase/decrease shall be as under.

Outside laminated PP ONOF bags for Gypsum (50 KG capacity) Bag weight 115 gm		
Mass of Fabric (PP Grade : H030SG or Equivalent)	Mass of Lamination (PP Grade : H350EG/H350FG or equivalent)	Mass of stitching tape (double stitch with uv stabilized thread/multifilament yarn of 1200 denier)
(89.45 gms)	(23.36 gms)	(2.19 gms)

3.3 The base price shall be the ex. works price of RIL (or any other approved agency fixed by FACT from time to time) RIL H030SG or equivalent and H350EG/H350FG or equivalent for PP as specified in the enquiry documents. Duties, Taxes, Cess, freight and any other charges leviable on granules will not be taken into account while working out increase/decrease.

3.4 Increase in bag price due to granular price increase shall be allowed based on the granular price on scheduled date of delivery or actual date of delivery whichever is lower. For delayed supplies escalation will be calculated on the basis of granular price prevailing on scheduled date of delivery or actual date of delivery whichever is lower. However, any decrease shall be passed on to FACT on the basis of granular price prevailing on scheduled date or actual date of delivery whichever is lower.

FACT shall have the right to recover at any point of time, the decrease in bag prices applicable as per the above.

3.5 The variation shall apply to the bags due for delivery after three weeks from the effective date of revision in the price of granule. The price of granule applicable three weeks before the actual date of delivery of bags shall be considered for supplies made within the scheduled period of delivery. In case of delayed supplies, the price of granule applicable three weeks before the last date of delivery as per the delivery schedule or the price of granule applicable three weeks before the actual date of delivery whichever is lower shall be considered.

The increase/ decrease shall be worked out as per example given below:

(iii) For increase of Rs.1,000/MT in the price of PP Grade H030SG granules, increase bag price as under:

$$\frac{1}{1000} \times 89.45 = \text{Rs.0.08945 per bag}$$

(ii) For increase of Rs.1000/MT in the price of PP Grade H350EG/350 FG granules increase bag price as under:

$$\frac{1}{1000} \times 23.36 = \text{Rs.0.02336 per bag}$$

The above calculation shall be applicable for decrease in the price of granules also.

3.6 Please note that Price variation clause is not applicable for the Stitching Tape.

4.0 Quantity & Delivery:

4.1 The bags shall be despatched in bales as per the TPS of bags and in such a manner as to ensure safe arrival of bags at destination in good condition without damage or deterioration:

4.2 The Seller shall send to the consignee, with copy to the Finance Department and Materials Department of FACT, the following documents:

- a) Clean L/R in FACT's Name.
- b) GST Invoice containing the following information:
 1. Purchase Order Number and Date
 2. Quantity
 3. Rate per bag
 4. Total Value
 5. Lot Number
 6. Name of product to be packed in the bags.
- c) Seller's challan indicating inspection release order number and date.
- d) Inspection Release Order alongwith worksheets from the nominated inspection agents for pre-despatch inspection.

4.3 Each consignment must be accompanied by the following documents:

- Copy of clear L/R
- GST Invoice.
- Seller's Challan indicating Inspection Release Order Number & Date.
- Inspection Release Order alongwith worksheets.

4.4 All bags despatched shall bear the code of the Seller, the year, month and lot number to which the lot belongs. The codes shall be as follows:

Year 2020 shall be represented by 2K 20, Year 2021 by 2K 21, Year 2022 by 2K 22 and so on.

Month of despatch shall be represented by alphabets A for January, B for February, C for March etc.

Lot nos. despatched in a particular month shall be numbered sequentially 1, 2, 3, 4...

FACT CORPORATE MATERIALS	Prequalification cum Supply of Outside laminated ONOF PP ONOF bags for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal Division & FACT-Cochin Division	
All bags supplied shall be assigned lot identification code numbers based on the above. The code nos shall be printed at the right hand bottom of each bag.		
4.5 BIS mark on bags is made mandatory by Govt. of India as per Gazette notification no. CG-DL-E-04062024-254543 dated 04.06.2024 and the same shall be complied with. The ISI marking and Swatch Bharat Logo shall be inserted as per the approved monogram.		
4.6 TPS of the Gypsum bags are as per IS 9755:2016 and hence cl.4.5 above regarding the ISI marking is not applicable for those bags.		
5.0 Inspection		
5.1 The bags are to be dispatched from manufactures works only after inspection (pre-despatch inspection) and clearance by FACT personnel or by an independent agency to be appointed by FACT. <u>FACT will conduct inspection on all lots at FACT site of delivery to accept or reject any lots, which shall be final.</u> Sampling criteria shall be as per applicable IS. Specifications and criteria for conformity shall be as given in Annexure- V.		
5.2 In case bags are rejected after receipt at site on visual inspection, checking of weight or dimensions of the bags, the Seller may be allowed to segregate the bags within the company premises at the Seller's cost. This lot should then be resubmitted for visual inspection, checking of dimension and weight as per applicable IS by FACT or by any inspection agency as decided by FACT for deciding on acceptance or rejection. (This clause is not applicable for the lots of bags rejected for not meeting "Criteria for Conformity" given in Annexure V other than the criteria based on physical parameters like low weight, lower dimensions and poor appearance)		
5.3 The rejected lot of bags / bags after segregation shall be taken back by the Seller after defacing by putting 'X' across the full face of the bags at Seller's cost. If the resubmitted lot is rejected again, the lot shall be taken back by the Seller for replacement, after defacing all the bags at the Seller's cost.		
5.4 FACT shall have the right to reject the bags which are found to be rupturing during bagging or loading operations when they are put to use. The bags so rejected are to be replaced by the Seller at his cost or its cost shall be recovered from the Seller from pending or subsequent bills.		
6.0 Removal of rejected bags.		
6.1 Whenever the rejected bags are kept by FACT, the Seller shall bear the storage/handling charges at 1% of the value of the bags not taken back within 21 days from the date of receipt of notification of rejection per month. However, storage/handling charges will not be levied in case the bags pass retest for weight after segregation/ dimension. If the rejected goods are not removed within the period mentioned in the notice served. FACT reserves the right to return the rejected material at suppliers risk and cost or to dispose of the bags in such manner as it deems fit including auctioning at the risk and cost of the Seller, without prejudice to FACT's rights for claiming from the Seller any further amounts by way of loss/ damages / costs after adjusting the proceeds of such disposals.		
6.2 FACT reserves the right for Pre-despatch Inspection at the Supplier's works also. In case FACT desires inspection at supplier`s works, the Seller shall co-ordinate with FACT for arranging prompt inspection. All charges towards such inspection shall be borne by FACT except when bags are rejected during pre- despatch inspection in		
RAW MATERIALS	FERTILISERS AND CHEMICALS TRAVANCORE LIMITED	 FACT

which case inspection charges shall be paid by the Seller. The Seller shall provide all facilities to the inspector to draw appropriate samples and conduct tests at the laboratory of the Seller free of cost. The Seller shall maintain the testing equipment duly serviced and got calibrated by authorised agencies or by statutorily approved bodies. FACT shall have the right to check the calibration and/or verify calibration certificates of testing equipments at the Seller's laboratory. Samples may also be drawn and taken to the laboratory of the Inspection Agency. The Inspection and acceptance shall be based on applicable IS and our specifications. Bags have to be tested and cleared by third party Inspection agencies for all parameters as per TPS.

- 6.3 **Any inspection of bags during manufacture / prior to despatch does not absolve the Seller of his obligations as per this order including obligations as at clause 3 above.**
- 6.4 Any printed bag or lot put up for inspection at supplier's works but rejected by FACT shall be defaced by the Seller by putting 'X' across the full-face of the bags. Such bags shall be defaced in the presence of the representative of FACT. The wrapper of such rejected lots shall not be re-used for subsequent lots.
- 6.5 Any failure on the part of the Seller in defacing such bags may, besides termination of the contract and forfeiture of the Seller's security deposit and/or EMD, result in the Seller being debarred from participation in future enquiries of FACT.
-

Annexure – IV**UN-PRICED BID FORMAT****Note: This document shall be uploaded along with technical bid only.**

Sub: Supply of Outside laminated PP ONOF bags for packing BHARAT NPK 20:20:0:13, BHARAT NPK 20:20:0:13:0.5 (Zincated FF), BHARAT NPK-20.5:0:0:23 (AMMONIUM SULPHATE) fertilisers & Gypsum

Note: Please do not fill in Rates in this format.

Sl No.	Description	Quantity as per the tender in lakh nos	Quantity offered by the bidder in Lakh Nos	All inclusive Rate in Rs (Tick the relevant entry)
1	Outside Laminated PP ONOF bags (50 Kg capacity) for packing BHARAT NPK 20:20:0:13 fertilisers as per specification at Annexure-VA & BHARAT NPK 20:20:0:13:0.5 (Zincated FF) fertilisers as per specification at Annexure-VJ	193.0		Quoted / Not Quoted
2	Outside Laminated PP ONOF bags (50 Kg capacity) for packing BHARAT NPK 20.5:0:0:23 (AS) fertilisers as per specification at Annexure-VB	65.325		Quoted / Not Quoted
3	Outside Laminated PP ONOF bags (50 Kg capacity) for packing Gypsum as per specification at Annexure-VF	2.40		Quoted / Not Quoted

(Signed by)

Authorised Signatory:

Name and address of the Bidder:

Place:

Date:

(Stamp)

RAW MATERIALS

FERTILISERS AND CHEMICALS
TRAVANCORE LIMITED

 FACT	FACT UDYOGAMANDAL COMPLEX	UCTS/TPS/2024-05 R0
TECHNICAL PROCUREMENT SPECIFICATION	OUTSIDE LAMINATED POLYPROPYLENE (PP) BAGS WOVEN ON CIRCULAR LOOMS FOR PACKING BHARAT NPK 20:20:0:13	PAGE 1 of 6

TECHNICAL PROCUREMENT SPECIFICATION (TPS)

FOR

OUTSIDE LAMINATED POLYPROPYLENE (PP) BAGS

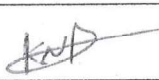
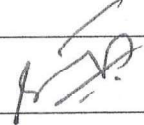
FOR

PACKING BHARAT NPK 20:20:0:13

FACT UDYOGAMANDAL COMPLEX

KOCHI, INDIA

TPS No. UCTS/TPS/2024-05 R0

					
0	29/08/24	ENQUIRY	NAGENDRA	SYAMJITH	JAISON XAVIER
REV. NO.	DATE	STATUS	PREPARED	CHECKED	APPROVED

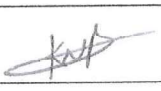
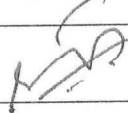
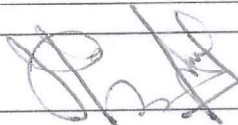
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R0****TECHNICAL
PROCUREMENT
SPECIFICATION****OUTSIDE LAMINATED POLYPROPYLENE (PP)
BAGS WOVEN ON CIRCULAR LOOMS FOR
PACKING BHARAT NPK 20:20:0:13****PAGE 2 of 6**

No	Description	Details
1.0	INSIDE DIMENSIONS	915 MM X 610 MM
1.1	TOLERANCE	+ 30 MM, -0.00 (-NIL ON BOTH WIDTH AND LENGTH.)
2.0	CAPACITY	50 KGS.
3.0	BAG WEIGHT	
3.1	WEIGHT OF INDIVIDUAL BAG	135 GMS. TOLERANCE $\pm$ 3%
3.2	WEIGHT OF A BALE (350 BAGS)	47.25 KGS. (NET WT.) TOLERANCE +3%/- 0.00% (No negative tolerance)
4.0	BREAKING STRENGTH	TESTING OF BREAKING STRENGTH SHALL BE DONE USING RAVELLED STRIP METHOD (CONSTANT RATE OF TRAVERSE) AND THE RATE OF TRAVERSE SHALL BE 300 MM/MINUTE.
4.1	i) WIDTHWISE ii) WIDTHWISE (Lamination Joint)	91.8 KGF 91.8 KGF
4.2	LENGTHWISE	91.8 KGF
4.3	BOTTOM SEAM	40.8 KGF
5.0	DROP TEST	THE DROP TEST SHALL BE CARRIED OUT FOR EACH LOT SUPPLIED BY THE BAG SUPPLIER. FOR THIS TEST 4 nos. BAGS SHALL BE RANDOMLY SELECTED FROM EACH LOT. ALL BAGS SHALL BE SUBJECTED TO DROP TEST FROM A HEIGHT OF 3 MTRS FROM BOTH SIDES (4 DROP PER BAG). BAGS DURING DROP TEST WILL DROPPED ON THE STOMACH. NO BAGS SHOULD RUPTURE WHEN SUBJECTED TO MINIMUM 04 NOS. DROPS.
6.0	FABRIC	BAGS MADE OUT OF SINGLE PIECE OF LAMINATED PP FABRIC WOVEN ON CIRCULAR LOOM AS PER IS 9755:2021. ANY MIDDLE SEWN OR JOINTED BAGS WILL NOT BE ACCEPTABLE. THE FABRIC USED SHALL BE FREE FROM ALL MAJOR WEAVING DEFECTS LIKE GAPS, PICK POINTS, MISSING TAPES ETC. PP GRANULE FOR FABRIC & UV MASTER BATCH- Grade H030SG OR

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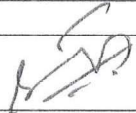
**FACT****FACT UDYOGAMANDAL COMPLEX****UCTS/TPS/2024-05
R0****TECHNICAL
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BAGS WOVEN ON CIRCULAR LOOMS FOR
PACKING BHARAT NPK 20:20:0:13****PAGE 3 of 6**

		EQUIVALENT. MIN 3% of 20% UV MASTER BATCH TO BE USED AND THE PP WOVEN FABRIC OF BAG SHALL BE MADE OUT OF UV STABILISED MATERIAL AND SHALL HAVE AT LEAST 50% OF ORIGINAL BREAKING STRENGTH WHEN TESTED AFTER THE SAME HAS BEEN EXPOSED TO UV RADIATION AND WEATHERING AS PER METHOD GIVEN IN ANNEXURE-F OF IS 9755:2021. FABRIC COLOUR- LIGHT BLUE (HEX CODE: ADD8E6).
6.1	TAPE	MONOAXIALLY ORIENTED PP TAPES HAVING 1000 DENIER AND MINIMUM WIDTH OF 2.5MM. THE FABRIC SHALL BE WOVEN FROM PP TAPES CONFORMING TO IS:11197. THE ELONGATION OF TAPES WHILE TESTING BREAKING STRENGTH SHALL BE IN THE RANGE OF 15 to 25%. TOLERANCE FOR DENIER: $\pm 10\%$ DENIER.
6.2	MESH	10 x 10 PER SQ. INCH.
6.3	ENDS PER DM	40. TOLERANCE ± 2
6.4	PICKS PER DM	40. TOLERANCE ± 2
6.5	ELONGATION AT BREAK OF FABRIC	(5.0 CM X 20 CM STRIP METHOD)
6.5.1	LENGTHWISE	20%
6.5.2	WIDTHWISE	20%
6.5.3	TOLERANCE	RANGE: 15 to 25 % ON BOTH WIDTHWISE & LENGTHWISE.
7.0	LAMINATION	FABRIC SHALL BE LAMINATED OUTSIDE WITH PP GRANULES (GRADE H350EG/H350FG OR EQUIVALENT) 23 GMS/M2(CORRESPONDING TO 100 GAUGE NOMINAL) WITH AN OVERLAP/OVERHANG OF 5 - 15MM. VIRGIN PP GRANULES SHALL BE USED AND THE LAMINATION SHALL BE FREE FROM PIN HOLES, PATCHES, BLISTERS, TEARS ETC. THE LAMINATION SHOULD COVER THE ENTIRE OUTSIDE AREA OF THE FABRIC USED. COLOR OF LAMINATION OF BAGS SHALL BE TRANSPARENT
8.0	BAG MOUTH	NEATLY SCISSOR CUT. EDGES SHOULD NOT BE ROUGH

					
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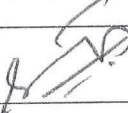
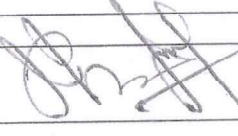
 FACT	FACT UDYOGAMANDAL COMPLEX	UCTS/TPS/2024-05 R0
TECHNICAL PROCUREMENT SPECIFICATION	OUTSIDE LAMINATED POLYPROPYLENE (PP) BAGS WOVEN ON CIRCULAR LOOMS FOR PACKING BHARAT NPK 20:20:0:13	PAGE 4 of 6

9.0	BRANDING/PRINTING	MULTI COLOUR, SINGLE SIDE AS PER MONOGRAM SPECIFIED BY FACT. THE FOLLOWING INK (FERTILISER GRADE) SHALL BE USED: HINDUSTAN INK BY HINDUSTAN INKS AND RESINS LTD., DAMAN.OR VARSHA INK OF VARSHA PRINTING INK MFG. CO., NAGPUR. SHADE OF THE BRANDING SHALL BE UNIFORM AND MATCHING FACT'S REQUIREMENTS.
	THE INK USED SHOULD HAVE SCRATCH RESISTANT AIDS, GLOSSY, HIGH TECH/ POLYAMIDE QUALITY, ALKALI RESISTANT, SMUDGE FREE, BRIGHT IN COLOR, SHOULD NOT SMEAR IN CONTACT WITH WATER AND SHOULD NOT AFFECT THE FABRIC. ART WORK WILL BE PROVIDED BY FACT. PRINTING QUALITY SHALL BE CORONA TREATED SCUFF RESISTANT/VERY SHARP PRINT,NAIL PROOF/TAPE PROOF & EVEN COLORS THROUGHOUT THE LOT(PREFERABLY POLYAMIDE) ON ROLL TO ROLL PRINTING MACHINE. 3 SAMPLES OF THE BAGS OF THE REQUIRED COLOUR AS PER FACT REQUIREMENT SHALL BE SUBMITTED BEFORE STARTING BULK MANUFACTURING OF BAGS.ALL THE SAMPLES WILL BE SIGNED AND APPROVED SAMPLE WILL BE RETURNED WITH SIGNATURE OF THE AUTHORIZED REPRESENTATIVE OF FACT. ANY LOT SUPPLIED, IF FOUND DEVIATING IN COLOUR AS COMPARED TO APPROVED COLOUR WILL NOT BE ACCEPTED. EACH BAG SHALL BE COMPULSORILY MARKED WITH BIS STANDARD MARK, SWATCH BHARAT LOGO AND RECYCLING LOGO (PP) AS SHOWN IN IS 9755:2021, CLEARLY VISIBLE AT THE BOTTOM OF THE BAG. THE ENTIRE LOT OF PP BAGS SHALL BE LIABLE FOR REJECTION IN CASE THE TEST SAMPLES FAIL TO PASS THE TAPE TEST, ALKALI TEST AND STANDARD TEST FOR ABRASION RESISTANCE OF PRINTED MATERIALS BY SUTHERLAND RUB TESTER: AS PER ASTM D5264-98(RE APPROVED 2004)	
10.0	STITCHING	DOUBLE FOLD, DOUBLE STITCH WITH UV STABILISED THREAD/ MULTIFILAMENT YARN OF 1200 DENIER. STITCHING SHALL BE DONE AS PRESCRIBED IN IS 9755:2021. FOLD SHOULD OCCUR ON THE OPPOSITE SIDE OF THE PRINTING MADE ON THE BAG.
11.0	PACKING	350 BAGS IN A BALE. BALES SHALL BE WRAPPED WITH HDPE/PP FABRIC OR HESSIAN CLOTH AND STITCHED PROPERLY TO WITHSTAND HAZARDS OF TRANSPORTATION. EACH BALE SHALL BE MARKED WITH NAME OF SUPPLIER, TYPE AND SIZE OF BAG,

					
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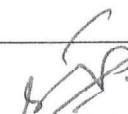
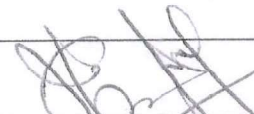
**FACT****FACT UDYOGAMANDAL COMPLEX****UCTS/TPS/2024-05
R0****TECHNICAL
PROCUREMENT
SPECIFICATION****OUTSIDE LAMINATED POLYPROPYLENE (PP)
BAGS WOVEN ON CIRCULAR LOOMS FOR
PACKING BHARAT NPK 20:20:0:13****PAGE 5 of 6**

		SERIAL NO. OF BALE, NO. OF BAGS IN THE BALE AND THE BALE WEIGHT
12.0	ASH CONTENT	ALL THE LOTS SUPPLIED SHALL BE TESTED FOR ASH CONTENT WHICH INCLUDES MAINLY CALCIUM CARBONATE CONTENT. ASH CONTENT IN BAGS SHALL BE 2.2% MAX (INCLUDING ALL IMPURITIES). IN CASE ASH CONTENT IS ABOVE 2.2% THE LOT WILL BE REJECTED. SAMPLES SHALL BE TAKEN OUT FROM THE LOT AS SPECIFIED IN IS 9755:2021 FOR TESTING ASH CONTENT.
13.0	CRITERIA FOR CONFORMITY	THE LOT SHALL BE CONSIDERED AS CONFORMING TO THE REQUIREMENTS FOR ACCEPTANCE IF ALL THE FOLLOWING CONDITIONS ARE SATISFIED.
	i. THE NUMBER OF DEFECTIVE BAGS IN CASE OF VISUAL INSPECTIONS, ENDS, PICKS AND DIMENSIONS IS UP TO 10% OF THE SAMPLE SIZE AFTER ROUNDING OFF THE FRACTION TO NEXT HIGHER INTEGER. ii. NONE OF THE BAG OR BALE OF 350 BAGS WEIGHS LESS THAN THE RESPECTIVE LOWER SPECIFIED LIMIT. HIGHER WEIGHT CAN BE ACCEPTED iii. THE AVERAGE BREAKING STRENGTH OF FABRIC IN BOTH LENGTHWISE, WIDTHWISE AND WIDTHWISE (LAMINATION JOINT) IS NOT LESS THAN THE VALUE SPECIFIED AND NONE OF THE INDIVIDUAL VALUES IS MORE THAN 10% BELOW THE SPECIFIED VALUE. THE SAMPLES SELECTED FOR BREAKING STRENGTH TESTS SHALL BE FREE FROM DEFECTS IN VISUAL INSPECTION, DIMENSIONS, ENDS, PICKS AND MASS REQUIREMENTS. iv. THE AVERAGE BREAKING STRENGTH OF THE FABRIC AT BOTTOM SEAM IS NOT LESS THAN THE VALUE SPECIFIED AND NONE OF THE INDIVIDUAL BAG VALUE IS MORE THAN 10 PERCENT BELOW THE SPECIFIED VALUE. THE SAMPLE SELECTED FOR SEAM STRENGTH TESTS SHALL BE FREE FROM DEFECTS IN VISUAL INSPECTION, DIMENSIONS, ENDS, PICKS AND MASS REQUIREMENTS.	

					
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TECHNICAL PROCUREMENT SPECIFICATION	OUTSIDE LAMINATED POLYPROPYLENE (PP) BAGS WOVEN ON CIRCULAR LOOMS FOR PACKING BHARAT NPK 20:20:0:13	PAGE 6 of 6

	v. NONE OF THE SAMPLE BAGS SHALL HAVE PERCENTAGE ELONGATION AND ASH CONTENT OUTSIDE THE SPECIFIED RANGE vi. NONE OF THE PP BAG SAMPLES AFTER EXPOSING TO UV RADIATION AND WEATHERING SHALL HAVE BREAKING STRENGTH LESS THAN 50 PERCENT OF THE ORIGINAL BREAKING STRENGTH. vii. NONE OF THE PP BAG SAMPLES SHALL FAIL IN THE DROP TEST viii. NONE OF THE PP BAG TEST SAMPLES SHALL FAIL IN THE TAPE TEST, ALKALI TEST AND STANDARD TEST FOR ABRASION RESISTANCE OF PRINTED MATERIALS BY SUTHERLAND RUB TESTER: AS PER ASTM D5264-98 (RE APPROVED 2004)
14.0	APPLICABLE STANDARD APPLICABLE STANDARD SHALL BE IS 9755:2021 FOR PP WOVEN BAGS FOR PACKING FERTILISERS. HOWEVER, IN CASES WHERE REQUIREMENTS IN THIS SPECIFICATION DIFFER FROM THOSE IN IS 9755:2021, REQUIREMENTS IN THIS SPECIFICATION SHALL PREVAIL OVER THOSE IN IS 9755:2021.

					
0	29/08/24	ENQUIRY	NAGENDRA	SYAMJITH	JAISON XAVIER
REV. NO.	DATE	STATUS	PREPARED	CHECKED	APPROVED

 FACT	FACT UDYOGAMANDAL COMPLEX	UCTS/TPS/2024-02 R1
TECHNICAL PROCUREMENT SPECIFICATION	OUTSIDE LAMINATED POLYPROPYLENE (PP) BAGS WOVEN ON CIRCULAR LOOMS FOR PACKING BHARAT NPK (ZINCATED) 20:20:0:13:0.5	PAGE 1 of 6

TECHNICAL PROCUREMENT SPECIFICATION (TPS)

FOR

OUTSIDE LAMINATED POLYPROPYLENE (PP) BAGS

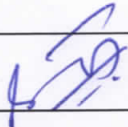
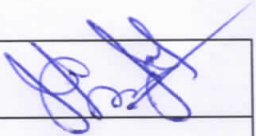
FOR

PACKING BHARAT NPK (ZINCATED) 20:20:0:13:0.5

FACT UDYOGAMANDAL COMPLEX

KOCHI, INDIA

TPS No. UCTS/TPS/2024-02 R1

					
1	13/08/24	ENQUIRY	VYSAKH	SYAMJITH	JAISON XAVIER
REV. NO.	DATE	STATUS	PREPARED	CHECKED	APPROVED

**FACT****FACT UDYOGAMANDAL COMPLEX**UCTS/TPS/2024-02
R1**TECHNICAL
PROCUREMENT
SPECIFICATION****OUTSIDE LAMINATED POLYPROPYLENE (PP)
BAGS WOVEN ON CIRCULAR LOOMS FOR
PACKING BHARAT NPK (ZINCATED)
20:20:0:13:0.5****PAGE 2 of 6**

No	Description	Details
1.0	INSIDE DIMENSIONS	915 MM X 610 MM
1.1	TOLERANCE	+ 30 MM, -0.00 (-NIL ON BOTH WIDTH AND LENGTH.)
2.0	CAPACITY	50 KGS.
3.0	BAG WEIGHT	
3.1	WEIGHT OF INDIVIDUAL BAG	135 GMS. TOLERANCE $\pm$ 3%
3.2	WEIGHT OF A BALE (350 BAGS)	47.25 KGS. (NET WT.) TOLERANCE +3%/- 0.00% (No negative tolerance)
4.0	BREAKING STRENGTH	TESTING OF BREAKING STRENGTH SHALL BE DONE USING RAVELLED STRIP METHOD (CONSTANT RATE OF TRAVERSE) AND THE RATE OF TRAVERSE SHALL BE 300 MM/MINUTE.
4.1	i) WIDTHWISE ii) WIDTHWISE (Lamination Joint)	91.8 KGF 91.8 KGF
4.2	LENGTHWISE	91.8 KGF
4.3	BOTTOM SEAM	40.8 KGF
5.0	DROP TEST	THE DROP TEST SHALL BE CARRIED OUT FOR EACH LOT SUPPLIED BY THE BAG SUPPLIER. FOR THIS TEST 4 nos. BAGS SHALL BE RANDOMLY SELECTED FROM EACH LOT. ALL BAGS SHALL BE SUBJECTED TO DROP TEST FROM A HEIGHT OF 3 MTRS FROM BOTH SIDES (4 DROP PER BAG). BAGS DURING DROP TEST WILL DROPPED ON THE STOMACH. NO BAGS SHOULD RUPTURE WHEN SUBJECTED TO MINIMUM 04 NOS. DROPS.
6.0	FABRIC	BAGS MADE OUT OF SINGLE PIECE OF LAMINATED PP FABRIC WOVEN ON CIRCULAR LOOM AS PER IS 9755:2021. ANY MIDDLE SEWN OR JOINTED BAGS WILL NOT BE ACCEPTABLE. THE FABRIC USED SHALL BE FREE FROM ALL MAJOR WEAVING DEFECTS LIKE GAPS, PICK POINTS, MISSING TAPES ETC. PP GRANULE FOR FABRIC & UV MASTER BATCH- Grade H030SG OR

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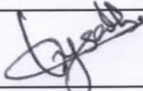
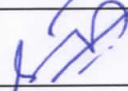
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20:20:0:13:0.5****PAGE 3 of 6**

		EQUIVALENT. MIN 3% of 20% UV MASTER BATCH TO BE USED AND THE PP WOVEN FABRIC OF BAG SHALL BE MADE OUT OF UV STABILISED MATERIAL AND SHALL HAVE AT LEAST 50% OF ORIGINAL BREAKING STRENGTH WHEN TESTED AFTER THE SAME HAS BEEN EXPOSED TO UV RADIATION AND WEATHERING AS PER METHOD GIVEN IN ANNEXURE-F OF IS 9755:2021. FABRIC COLOUR- LIGHT BLUE (HEX CODE: ADD8E6).
6.1	TAPE	MONOAXIALLY ORIENTED PP TAPES HAVING 1000 DENIER AND MINIMUM WIDTH OF 2.5MM. THE FABRIC SHALL BE WOVEN FROM PP TAPES CONFORMING TO IS: 11197.THE ELONGATION OF TAPES WHILE TESTING BREAKING STRENGTH SHALL BE IN THE RANGE OF 15 to 25%. TOLERANCE FOR DENIER: $\pm 10\%$ DENIER.
6.2	MESH	10 x 10 PER SQ. INCH.
6.3	ENDS PER DM	40. TOLERANCE ± 2
6.4	PICKS PER DM	40. TOLERANCE ± 2
6.5	ELONGATION AT BREAK OF FABRIC	(5.0 CM X 20 CM STRIP METHOD)
6.5.1	LENGTHWISE	20%
6.5.2	WIDTHWISE	20%
6.5.3	TOLERANCE	RANGE: 15 to 25 % ON BOTH WIDTHWISE & LENGTHWISE.
7.0	LAMINATION	FABRIC SHALL BE LAMINATED OUTSIDE WITH PP GRANULES (GRADE H350EG/H350FG OR EQUIVALENT) 23 GMS/M2(CORRESPONDING TO 100 GAUGE NOMINAL) WITH AN OVERLAP/OVERHANG OF 5 - 15MM. VIRGIN PP GRANULES SHALL BE USED AND THE LAMINATION SHALL BE FREE FROM PIN HOLES, PATCHES, BLISTERS, TEARS ETC. THE LAMINATION SHOULD COVER THE ENTIRE OUTSIDE AREA OF THE FABRIC USED. COLOR OF LAMINATION OF BAGS SHALL BE TRANSPARENT
8.0	BAG MOUTH	NEATLY SCISSOR CUT. EDGES SHOULD NOT BE ROUGH

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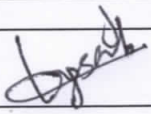
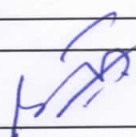
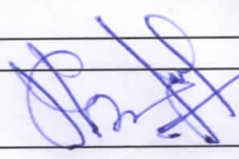
 FACT	FACT UDYOGAMANDAL COMPLEX	UCTS/TPS/2024-02 R1
TECHNICAL PROCUREMENT SPECIFICATION	OUTSIDE LAMINATED POLYPROPYLENE (PP) BAGS WOVEN ON CIRCULAR LOOMS FOR PACKING BHARAT NPK (ZINCATED) 20:20:0:13:0.5	PAGE 4 of 6

9.0	BRANDING/PRINTING	MULTI COLOUR, SINGLE SIDE AS PER MONOGRAM SPECIFIED BY FACT. THE FOLLOWING INK (FERTILISER GRADE) SHALL BE USED: HINDUSTAN INK BY HINDUSTAN INKS AND RESINS LTD., DAMAN.OR VARSHA INK OF VARSHA PRINTING INK MFG. CO., NAGPUR. SHADE OF THE BRANDING SHALL BE UNIFORM AND MATCHING FACT'S REQUIREMENTS.
		THE INK USED SHOULD HAVE SCRATCH RESISTANT AIDS, GLOSSY, HIGH TECH/ POLYAMIDE QUALITY, ALKALI RESISTANT, SMUDGE FREE, BRIGHT IN COLOR, SHOULD NOT SMEAR IN CONTACT WITH WATER AND SHOULD NOT AFFECT THE FABRIC. ART WORK WILL BE PROVIDED BY FACT. PRINTING QUALITY SHALL BE CORONA TREATED SCUFF RESISTANT/VERY SHARP PRINT,NAIL PROOF/TAPE PROOF & EVEN COLORS THROUGHOUT THE LOT(PREFERABLY POLYAMIDE) ON ROLL TO ROLL PRINTING MACHINE. 3 SAMPLES OF THE BAGS OF THE REQUIRED COLOUR AS PER FACT REQUIREMENT SHALL BE SUBMITTED BEFORE STARTING BULK MANUFACTURING OF BAGS.ALL THE SAMPLES WILL BE SIGNED AND APPROVED SAMPLE WILL BE RETURNED WITH SIGNATURE OF THE AUTHORIZED REPRESENTATIVE OF FACT. ANY LOT SUPPLIED, IF FOUND DEVIATING IN COLOUR AS COMPARED TO APPROVED COLOUR WILL NOT BE ACCEPTED. EACH BAG SHALL BE COMPULSORILY MARKED WITH BIS STANDARD MARK, SWATCH BHARAT LOGO AND RECYCLING LOGO (PP) AS SHOWN IN IS 9755:2021, CLEARLY VISIBLE AT THE BOTTOM OF THE BAG . THE ENTIRE LOT OF PP BAGS SHALL BE LIABLE FOR REJECTION IN CASE THE TEST SAMPLES FAIL TO PASS THE TAPE TEST, ALKALI TEST AND STANDARD TEST FOR ABRASION RESISTANCE OF PRINTED MATERIALS BY SUTHERLAND RUB TESTER: AS PER ASTM D5264-98(RE APPROVED 2004)
10.0	STITCHING	DOUBLE FOLD, DOUBLE STITCH WITH UV STABILISED THREAD/ MULTIFILAMENT YARN OF 1200 DENIER. STITCHING SHALL BE DONE AS PRESCRIBED IN IS 9755. FOLD SHOULD OCCUR ON THE OPPOSITE SIDE OF THE PRINTING MADE ON THE BAG.
11.0	PACKING	350 BAGS IN A BALE. BALES SHALL BE WRAPPED WITH HDPE/PP FABRIC OR HESSIAN CLOTH AND STITCHED PROPERLY TO WITHSTAND HAZARDS OF TRANSPORTATION. EACH BALE SHALL BE MARKED WITH NAME OF SUPPLIER, TYPE AND SIZE OF BAG,

					
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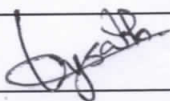
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BAGS WOVEN ON CIRCULAR LOOMS FOR
PACKING BHARAT NPK (ZINCATED)
20:20:0:13:0.5****PAGE 5 of 6**

		SERIAL NO. OF BALE, NO. OF BAGS IN THE BALE AND THE BALE WEIGHT
12.0	ASH CONTENT	ALL THE LOTS SUPPLIED SHALL BE TESTED FOR ASH CONTENT WHICH INCLUDES MAINLY CALCIUM CARBONATE CONTENT. ASH CONTENT IN BAGS SHALL BE 2.2% MAX (INCLUDING ALL IMPURITIES). IN CASE ASH CONTENT IS ABOVE 2.2% THE LOT WILL BE REJECTED. SAMPLES SHALL BE TAKEN OUT FROM THE LOT AS SPECIFIED IN IS 9755:2021 FOR TESTING ASH CONTENT.
13.0	CRITERIA FOR CONFORMITY	THE LOT SHALL BE CONSIDERED AS CONFORMING TO THE REQUIREMENTS FOR ACCEPTANCE IF ALL THE FOLLOWING CONDITIONS ARE SATISFIED.
	i. THE NUMBER OF DEFECTIVE BAGS IN CASE OF VISUAL INSPECTIONS, ENDS, PICKS AND DIMENSIONS IS UP TO 10% OF THE SAMPLE SIZE AFTER ROUNDING OFF THE FRACTION TO NEXT HIGHER INTEGER. ii. NONE OF THE BAG OR BALE OF 350 BAGS WEIGHS LESS THAN THE RESPECTIVE LOWER SPECIFIED LIMIT. HIGHER WEIGHT CAN BE ACCEPTED iii. THE AVERAGE BREAKING STRENGTH OF FABRIC IN BOTH LENGTHWISE, WIDTHWISE AND WIDTHWISE (LAMINATION JOINT) IS NOT LESS THAN THE VALUE SPECIFIED AND NONE OF THE INDIVIDUAL VALUES IS MORE THAN 10% BELOW THE SPECIFIED VALUE. THE SAMPLES SELECTED FOR BREAKING STRENGTH TESTS SHALL BE FREE FROM DEFECTS IN VISUAL INSPECTION, DIMENSIONS, ENDS, PICKS AND MASS REQUIREMENTS. iv. THE AVERAGE BREAKING STRENGTH OF THE FABRIC AT BOTTOM SEAM IS NOT LESS THAN THE VALUE SPECIFIED AND NONE OF THE INDIVIDUAL BAG VALUE IS MORE THAN 10 PERCENT BELOW THE SPECIFIED VALUE. THE SAMPLE SELECTED FOR SEAM STRENGTH TESTS SHALL BE FREE FROM DEFECTS IN VISUAL INSPECTION, DIMENSIONS, ENDS, PICKS AND MASS REQUIREMENTS.	

					
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20:20:0:13:0.5****PAGE 6 of 6**

	v. NONE OF THE SAMPLE BAGS SHALL HAVE PERCENTAGE ELONGATION AND ASH CONTENT OUTSIDE THE SPECIFIED RANGE vi. NONE OF THE PP BAG SAMPLES AFTER EXPOSING TO UV RADIATION AND WEATHERING SHALL HAVE BREAKING STRENGTH LESS THAN 50 PERCENT OF THE ORIGINAL BREAKING STRENGTH. vii. NONE OF THE PP BAG SAMPLES SHALL FAIL IN THE DROP TEST viii. NONE OF THE PP BAG TEST SAMPLES SHALL FAIL IN THE TAPE TEST, ALKALI TEST AND STANDARD TEST FOR ABRASION RESISTANCE OF PRINTED MATERIALS BY SUTHERLAND RUB TESTER: AS PER ASTM D5264-98 (RE APPROVED 2004)
14.0	APPLICABLE STANDARD APPLICABLE STANDARD SHALL BE IS 9755:2021 FOR PP WOVEN BAGS FOR PACKING FERTILISERS. HOWEVER, IN CASES WHERE REQUIREMENTS IN THIS SPECIFICATION DIFFER FROM THOSE IN IS 9755:2021, REQUIREMENTS IN THIS SPECIFICATION SHALL PREVAIL OVER THOSE IN IS 9755:2021.

					
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TECHNICAL PROCUREMENT SPECIFICATION	OUTSIDE LAMINATED POLYPROPYLENE (PP) BAGS WOVEN ON CIRCULAR LOOMS FOR PACKING BHARAT NPK 20.5:0:0:23	PAGE 1 of 6

TECHNICAL PROCUREMENT SPECIFICATION (TPS)

FOR

OUTSIDE LAMINATED POLYPROPYLENE (PP) BAGS

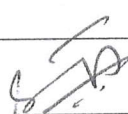
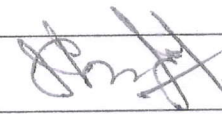
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PACKING BHARAT NPK 20.5:0:0:23

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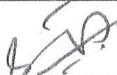
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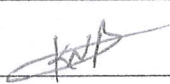
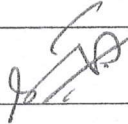
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No	Description	Details
1.0	INSIDE DIMENSIONS	889 MM X 533 MM
1.1	TOLERANCE	+ 30 MM, -0.00 (-NIL ON BOTH WIDTH AND LENGTH.)
2.0	CAPACITY	50 KGS.
3.0	BAG WEIGHT	
3.1	WEIGHT OF INDIVIDUAL BAG	115 GMS. TOLERANCE $\pm$ 3%
3.2	WEIGHT OF A BALE (400 BAGS)	46.0 KGS. (NET WT.) TOLERANCE +3%/- 0.00% (No negative tolerance)
4.0	BREAKING STRENGTH	TESTING OF BREAKING STRENGTH SHALL BE DONE USING RAVELLED STRIP METHOD (CONSTANT RATE OF TRAVERSE) AND THE RATE OF TRAVERSE SHALL BE 300 MM/MINUTE.
4.1	i) WIDTHWISE ii) WIDTHWISE (Lamination Joint)	91.8 KGF 91.8 KGF
4.2	LENGTHWISE	91.8 KGF
4.3	BOTTOM SEAM	40.8 KGF
5.0	DROP TEST	THE DROP TEST SHALL BE CARRIED OUT FOR EACH LOT SUPPLIED BY THE BAG SUPPLIER. FOR THIS TEST 4 nos. BAGS SHALL BE RANDOMLY SELECTED FROM EACH LOT. ALL BAGS SHALL BE SUBJECTED TO DROP TEST FROM A HEIGHT OF 3 MTRS FROM BOTH SIDES (4 DROP PER BAG). BAGS DURING DROP TEST WILL DROPPED ON THE STOMACH. NO BAGS SHOULD RUPTURE WHEN SUBJECTED TO MINIMUM 04 NOS. DROPS.
6.0	FABRIC	BAGS MADE OUT OF SINGLE PIECE OF LAMINATED PP FABRIC WOVEN ON CIRCULAR LOOM AS PER IS 9755:2021. ANY MIDDLE SEWN OR JOINTED BAGS WILL NOT BE ACCEPTABLE. THE FABRIC USED SHALL BE FREE FROM ALL MAJOR WEAVING DEFECTS LIKE GAPS, PICK POINTS, MISSING TAPES ETC. PP GRANULE FOR FABRIC & UV MASTER BATCH- Grade H030SG QR

					
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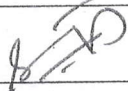
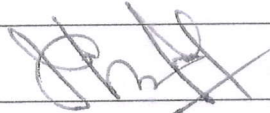
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		EQUIVALENT. MIN 3% of 20% UV MASTER BATCH TO BE USED AND THE PP WOVEN FABRIC OF BAG SHALL BE MADE OUT OF UV STABILISED MATERIAL AND SHALL HAVE AT LEAST 50% OF ORIGINAL BREAKING STRENGTH WHEN TESTED AFTER THE SAME HAS BEEN EXPOSED TO UV RADIATION AND WEATHERING AS PER METHOD GIVEN IN ANNEXURE-F OF IS 9755:2021. FABRIC COLOUR- LIGHT BLUE (HEX CODE : ADD8E6).
6.1	TAPE	MONOAXIALLY ORIENTED PP TAPES HAVING 1000 DENIER AND MINIMUM WIDTH OF 2.5MM. THE FABRIC SHALL BE WOVEN FROM PP TAPES CONFORMING TO IS:11197. THE ELONGATION OF TAPES WHILE TESTING BREAKING STRENGTH SHALL BE IN THE RANGE OF 15 to 25%. TOLERANCE FOR DENIER: $\pm 10\%$ DENIER.
6.2	MESH	10 x 10 PER SQ. INCH.
6.3	ENDS PER DM	40. TOLERANCE ± 2
6.4	PICKS PER DM	40. TOLERANCE ± 2
6.5	ELONGATION AT BREAK OF FABRIC	(5.0 CM X 20 CM STRIP METHOD)
6.5.1	LENGTHWISE	20%
6.5.2	WIDTHWISE	20%
6.5.3	TOLERANCE	RANGE: 15 to 25 % ON BOTH WIDTHWISE & LENGTHWISE.
7.0	LAMINATION	FABRIC SHALL BE LAMINATED OUTSIDE WITH PP GRANULES (GRADE H350EG/H350FG OR EQUIVALENT) 23 GMS/M2(CORRESPONDING TO 100 GUAGE NOMINAL) WITH AN OVERLAP/OVERHANG OF 5 - 15MM. VIRGIN PP GRANULES SHALL BE USED AND THE LAMINATION SHALL BE FREE FROM PIN HOLES, PATCHES, BLISTERS, TEARS ETC. THE LAMINATION SHOULD COVER THE ENTIRE OUTSIDE AREA OF THE FABRIC USED. COLOR OF LAMINATION OF BAGS SHALL BE TRANSPARENT
8.0	BAG MOUTH	NEATLY SCISSOR CUT. EDGES SHOULD NOT BE ROUGH

					
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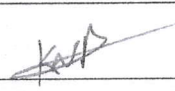
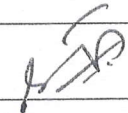
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9.0	BRANDING/PRINTING	MULTI COLOUR, SINGLE SIDE AS PER MONOGRAM SPECIFIED BY FACT. THE FOLLOWING INK (FERTILISER GRADE) SHALL BE USED: HINDUSTAN INK BY HINDUSTAN INKS AND RESINS LTD., DAMAN.OR VARSHA INK OF VARSHA PRINTING INK MFG. CO., NAGPUR. SHADE OF THE BRANDING SHALL BE UNIFORM AND MATCHING FACT'S REQUIREMENTS.
		THE INK USED SHOULD HAVE SCRATCH RESISTANT AIDS, GLOSSY, HIGH TECH/ POLYAMIDE QUALITY, ALKALI RESISTANT, SMUDGE FREE, BRIGHT IN COLOR, SHOULD NOT SMEAR IN CONTACT WITH WATER AND SHOULD NOT AFFECT THE FABRIC. ART WORK WILL BE PROVIDED BY FACT. PRINTING QUALITY SHALL BE CORONA TREATED SCUFF RESISTANT/VERY SHARP PRINT,NAIL PROOF/TAPE PROOF & EVEN COLORS THROUGHOUT THE LOT(PREFERABLY POLYAMIDE) ON ROLL TO ROLL PRINTING MACHINE. 3 SAMPLES OF THE BAGS OF THE REQUIRED COLOUR AS PER FACT REQUIREMENT SHALL BE SUBMITTED BEFORE STARTING BULK MANUFACTURING OF BAGS.ALL THE SAMPLES WILL BE SIGNED AND APPROVED SAMPLE WILL BE RETURNED WITH SIGNATURE OF THE AUTHORIZED REPRESENTATIVE OF FACT. ANY LOT SUPPLIED, IF FOUND DEVIATING IN COLOUR AS COMPARED TO APPROVED COLOUR WILL NOT BE ACCEPTED. EACH BAG SHALL BE COMPULSORILY MARKED WITH BIS STANDARD MARK, SWATCH BHARAT LOGO AND RECYCLING LOGO (PP) AS SHOWN IN IS 9755:2021, CLEARLY VISIBLE AT THE BOTTOM OF THE BAG . THE ENTIRE LOT OF PP BAGS SHALL BE LIABLE FOR REJECTION IN CASE THE TEST SAMPLES FAIL TO PASS THE TAPE TEST, ALKALI TEST AND STANDARD TEST FOR ABRASION RESISTANCE OF PRINTED MATERIALS BY SUTHERLAND RUB TESTER: AS PER ASTM D5264-98(RE APPROVED 2004)
10.0	STITCHING	DOUBLE FOLD, DOUBLE STITCH WITH UV STABILISED THREAD/ MULTIFILAMENT YARN OF 1200 DENIER. STITCHING SHALL BE DONE AS PRESCRIBED IN IS 9755:2021. FOLD SHOULD OCCUR ON THE OPPOSITE SIDE OF THE PRINTING MADE ON THE BAG.
11.0	PACKING	400 BAGS IN A BALE. BALES SHALL BE WRAPPED WITH HDPE/PP FABRIC OR HESSIAN CLOTH AND STITCHED PROPERLY TO WITHSTAND HAZARDS OF TRANSPORTATION. EACH BALE SHALL BE MARKED WITH NAME OF SUPPLIER, TYPE AND SIZE OF BAG,

					
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		SERIAL NO. OF BALE, NO. OF BAGS IN THE BALE AND THE BALE WEIGHT
12.0	ASH CONTENT	ALL THE LOTS SUPPLIED SHALL BE TESTED FOR ASH CONTENT WHICH INCLUDES MAINLY CALCIUM CARBONATE CONTENT. ASH CONTENT IN BAGS SHALL BE 2.2% MAX (INCLUDING ALL IMPURITIES). IN CASE ASH CONTENT IS ABOVE 2.2% THE LOT WILL BE REJECTED. SAMPLES SHALL BE TAKEN OUT FROM THE LOT AS SPECIFIED IN IS 9755:2021 FOR TESTING ASH CONTENT.
13.0	CRITERIA FOR CONFORMITY	THE LOT SHALL BE CONSIDERED AS CONFORMING TO THE REQUIREMENTS FOR ACCEPTANCE IF ALL THE FOLLOWING CONDITIONS ARE SATISFIED.
	i. THE NUMBER OF DEFECTIVE BAGS IN CASE OF VISUAL INSPECTIONS, ENDS, PICKS AND DIMENSIONS IS UP TO 10% OF THE SAMPLE SIZE AFTER ROUNDING OFF THE FRACTION TO NEXT HIGHER INTEGER. ii. NONE OF THE BAG OR BALE OF 400 BAGS WEIGHS LESS THAN THE RESPECTIVE LOWER SPECIFIED LIMIT. HIGHER WEIGHT CAN BE ACCEPTED iii. THE AVERAGE BREAKING STRENGTH OF FABRIC IN BOTH LENGTHWISE, WIDTHWISE AND WIDTHWISE (LAMINATION JOINT) IS NOT LESS THAN THE VALUE SPECIFIED AND NONE OF THE INDIVIDUAL VALUES IS MORE THAN 10% BELOW THE SPECIFIED VALUE. THE SAMPLES SELECTED FOR BREAKING STRENGTH TESTS SHALL BE FREE FROM DEFECTS IN VISUAL INSPECTION, DIMENSIONS, ENDS, PICKS AND MASS REQUIREMENTS. iv. THE AVERAGE BREAKING STRENGTH OF THE FABRIC AT BOTTOM SEAM IS NOT LESS THAN THE VALUE SPECIFIED AND NONE OF THE INDIVIDUAL BAG VALUE IS MORE THAN 10 PERCENT BELOW THE SPECIFIED VALUE. THE SAMPLE SELECTED FOR SEAM STRENGTH TESTS SHALL BE FREE FROM DEFECTS IN VISUAL INSPECTION, DIMENSIONS, ENDS, PICKS AND MASS REQUIREMENTS.	

					
0	29/08/24	ENQUIRY	NAGENDRA	SYAMJITH	JAISON XAVIER
REV. NO.	DATE	STATUS	PREPARED	CHECKED	APPROVED

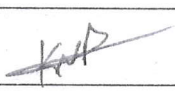
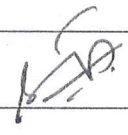
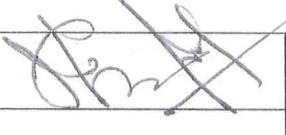
**FACT****FACT UDYOGAMANDAL COMPLEX**UCTS/TPS/2024-06
R0**TECHNICAL
PROCUREMENT
SPECIFICATION****OUTSIDE LAMINATED POLYPROPYLENE (PP)
BAGS WOVEN ON CIRCULAR LOOMS FOR
PACKING BHARAT NPK 20.5:0:23****PAGE 6 of 6**

- v. NONE OF THE SAMPLE BAGS SHALL HAVE PERCENTAGE ELONGATION AND ASH CONTENT OUTSIDE THE SPECIFIED RANGE
- vi. NONE OF THE PP BAG SAMPLES AFTER EXPOSING TO UV RADIATION AND WEATHERING SHALL HAVE BREAKING STRENGTH LESS THAN 50 PERCENT OF THE ORIGINAL BREAKING STRENGTH.
- vii. NONE OF THE PP BAG SAMPLES SHALL FAIL IN THE DROP TEST
- viii. NONE OF THE PP BAG TEST SAMPLES SHALL FAIL IN THE TAPE TEST, ALKALI TEST AND STANDARD TEST FOR ABRASION RESISTANCE OF PRINTED MATERIALS BY SUTHERLAND RUB TESTER: AS PER ASTM D5264-98 (RE APPROVED 2004)

14.0

APPLICABLE
STANDARD

APPLICABLE STANDARD SHALL BE IS 9755:2021 FOR PP WOVEN BAGS FOR PACKING FERTILISERS. HOWEVER, IN CASES WHERE REQUIREMENTS IN THIS SPECIFICATION DIFFER FROM THOSE IN IS 9755:2021, REQUIREMENTS IN THIS SPECIFICATION SHALL PREVAIL OVER THOSE IN IS 9755:2021.

					
0	29/08/24	ENQUIRY	NAGENDRA	SYAMJITH	JAISON XAVIER
REV. NO.	DATE	STATUS	PREPARED	CHECKED	APPROVED

TECHNICAL PROCUREMENT SPECIFICATION

FOR

OUTSIDE LAMINATED POLYPROPYLENE (PP) BAGS

FOR

PACKING GYPSUM

FACT COCHIN DIVISION

KOCHI

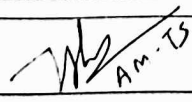
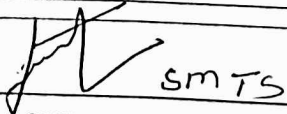
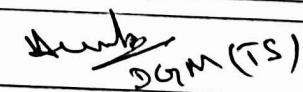
INDIA

TPS No. CD-TSD-2021-12-R1

1	29/04/2024	1.FABRIC COLOR (section 6.0) 2.BRANDING/PRINTING(section 9.0)
Rev. No.	Date	Revised Clauses

**FACT****TECHNICAL SERVICES -
FACT COCHIN DIVISION****CD-TSD-2021-12-R1****TECHNICAL
PROCUREMENT
SPECIFICATION****POLYPROPYLENE (PP) BAGS FOR
GYPSUM PACKING****PAGE 1 of 5**

No	Description	Details
1.0	INSIDE DIMENSIONS	889 MM X 533 MM
1.1	TOLERANCE	+ 30 MM, -0.00 (-NIL ON BOTH WIDTH AND LENGTH.)
2.0	CAPACITY	50 KGS.
3.0	BAG WEIGHT	
3.1	WEIGHT OF INDIVIDUAL BAG	115 GMS. TOLERANCE $\pm$ 3%
3.2	WEIGHT OF A BALE (400 BAGS)	46.0 KGS. (NET WT.) TOLERANCE +3%/- 0.00% (No negative tolerance)
4.0	BREAKING STRENGTH	TESTING OF BREAKING STRENGTH SHALL BE DONE USING RAVELLED STRIP METHOD (CONSTANT RATE OF TRAVERSE) AND THE RATE OF TRAVERSE SHALL BE 300 MM/MINUTE.
4.1	i) WIDTHWISE ii) WIDTHWISE (Lamination Joint)	91.8 KGF 91.8 KGF
4.2	LENGTHWISE	91.8 KGF
4.3	BOTTOM SEAM	40.8 KGF
5.0	DROP TEST	THE DROP TEST SHALL BE CARRIED OUT FOR EACH LOT SUPPLIED BY THE BAG SUPPLIER. FOR THIS TEST 4 nos. BAGS SHALL BE RANDOMLY SELECTED FROM EACH LOT. ALL BAGS SHALL BE SUBJECTED TO DROP TEST FROM A HEIGHT OF 3 MTRS FROM BOTH SIDES (4 DROP PER BAG). BAGS DURING DROP TEST WILL DROPPED ON THE STOMACH. NO BAGS SHOULD RUPTURE WHEN SUBJECTED TO MINIMUM 04 NOS. DROPS.
6.0	FABRIC	BAGS MADE OUT OF SINGLE PIECE OF LAMINATED PP FABRIC WOVEN ON CIRCULAR LOOM AS PER IS 9755. ANY MIDDLE SEWN OR JOINTED BAGS WILL NOT BE ACCEPTABLE. THE FABRIC USED SHALL BE FREE FROM ALL MAJOR WEAVING DEFECTS LIKE GAPS, PICK POINTS, MISSING TAPES ETC. PP GRANULE

1	29/04/2024			
REV. NO.	DATE	PREP'D	CHECKED	APPR'D

**FACT****TECHNICAL SERVICES -
FACT COCHIN DIVISION****CD-TSD-2021-12-R1****TECHNICAL
PROCUREMENT
SPECIFICATION****POLYPROPYLENE (PP) BAGS FOR
GYPSUM PACKING****PAGE 2 of 5**

		FOR FABRIC & UV MASTER BATCH- Grade H030SG OR EQUIVALENT . MIN 3% of 20% UV MASTER BATCH TO BE USED AND THE PP WOVEN FABRIC OF SACK SHALL BE MADE OUT OF UV STABILISED MATERIAL AND SHALL HAVE AT LEAST 50% OF ORIGINAL BREAKING STRENGTH WHEN TESTED AFTER THE SAME HAS BEEN EXPOSED TO UV RADIATION AND WEATHERING AS PER METHOD GIVEN IN ANNEXURE-D OF IS 9755 /2016. FABRIC COLOUR-LIGHT BLUE (HEX CODE : ADD8E6)
6.1	TAPE	MONOAXIALLY ORIENTED PP TAPES HAVING 1000 DENIER AND MINIMUM WIDTH OF 2.5MM. THE FABRIC SHALL BE WOVEN FROM PP TAPES CONFORMING TO IS: 11197 . THE ELONGATION OF TAPES WHILE TESTING BREAKING STRENGTH SHALL BE IN THE RANGE OF 15 to 25%. TOLERANCE FOR DENIER: $\pm 10\%$ DENIER.
6.2	MESH	10 x 10 PER SQ. INCH.
6.3	ENDS PER DM	40. TOLERANCE ± 2
6.4	PICKS PER DM	40. TOLERANCE ± 2
6.5	ELONGATION AT BREAK OF FABRIC	(5.0 CM X 20 CM STRIP METHOD)
6.5.1	LENGTHWISE	20%
6.5.2	WIDTHWISE	20%
6.5.3	TOLERANCE	RANGE: 15 to 25 % ON BOTH WIDTHWISE & LENGTHWISE.
7.0	LAMINATION	FABRIC SHALL BE LAMINATED OUTSIDE WITH PP GRANULES (GRADE H350EG/H350FG OR EQUIVALENT) 23 GMS/M ² (CORRESPONDING TO 100 GAUGE NOMINAL) WITH AN OVERLAP/OVERHANG OF 5- 15MM. VIRGIN PP GRANULES SHALL BE USED AND THE LAMINATION SHALL BE FREE FROM PIN HOLES, PATCHES, BLISTERS, TEARS ETC. THE LAMINATION SHOULD COVER THE ENTIRE OUTSIDE AREA OF THE FABRIC USED. COLOR OF LAMINATION OF BAGS SHALL BE TRANSPARENT
8.0	BAG MOUTH	NEATLY SCISSOR CUT. EDGES SHOULD NOT BE ROUGH

I	29/04/2024			
REV. NO.	DATE	PREP'D	CHECKED	APPR'D

**FACT****TECHNICAL SERVICES -
FACT COCHIN DIVISION****CD-TSD-2021-12-R1****TECHNICAL
PROCUREMENT
SPECIFICATION****POLYPROPYLENE (PP) BAGS FOR
GYPSUM PACKING****PAGE 3 of 5**

9.0	BRANDING/PRINTING	MULTI COLOUR, SINGLE SIDE AS PER MONOGRAM SPECIFIED BY FACT. THE FOLLOWING INK (FERTILISER GRADE) SHALL BE USED: HINDUSTAN INK BY HINDUSTAN INKS AND RESINS LTD., DAMAN. OR VARSHA INK OF VARSHA PRINTING INK MFG. CO., NAGPUR. SHADE OF THE BRANDING SHALL BE UNIFORM AND MATCHING FACT'S REQUIREMENTS.
		THE INK USED SHOULD HAVE SCRATCH RESISTANT AIDS, GLOSSY, HIGH TECH/ POLYAMIDE QUALITY, ALKALI RESISTANT, SMUDGE FREE, BRIGHT IN COLOR, SHOULD NOT SMEAR IN CONTACT WITH WATER AND SHOULD NOT AFFECT THE FABRIC. ART WORK WILL BE PROVIDED BY FACT. PRINTING QUALITY SHALL BE CORONA TREATED SCUFF RESISTANT/VERY SHARP PRINT, NAIL PROOF/TAPE PROOF & EVEN COLORS THROUGHOUT THE LOT (PREFERABLY POLYAMIDE) ON ROLL TO ROLL PRINTING MACHINE. 3 SAMPLES OF THE BAGS OF THE REQUIRED COLOUR AS PER FACT REQUIREMENT SHALL BE SUBMITTED BEFORE STARTING BULK MANUFACTURING OF BAGS. ALL THE APPROVED SAMPLE WILL BE RETURNED WITH SIGNATURE OF THE AUTHORIZED REPRESENTATIVE OF FACT. ANY LOT SUPPLIED, IF FOUND DEVIATING IN COLOUR AS COMPARED TO APPROVED COLOUR WILL NOT BE ACCEPTED. EACH SACK SHALL BE COMPULSORILY MARKED WITH VISIBLE RECYCLING LOGO (PP) AS SHOWN IN IS 9755:2016, IN THE BOTTOM OF THE BAG. THE ENTIRE LOT OF PP BAGS SHALL BE LIABLE FOR REJECTION IN CASE THE TEST SAMPLES FAIL TO PASS THE TAPE TEST, ALKALI TEST AND STANDARD TEST FOR ABRASION RESISTANCE OF PRINTED MATERIALS BY SUTHERLAND RUB TESTER: AS PER ASTM D5264-98 (RE APPROVED 2004)
10.0	STITCHING	SINGLE FOLD, <i>DOUBLE</i> STITCH WITH UV STABILISED THREAD/ MULTIFILAMENT YARN OF 1200 DENIER. STITCHING SHALL BE DONE AS PRESCRIBED IN IS 9755. FOLD SHOULD OCCUR ON THE OPPOSITE SIDE OF THE PRINTING MADE ON THE BAG.
11.0	PACKING	400 BAGS IN A BALE. BALES SHALL BE WRAPPED WITH HDPE/PP FABRIC OR HESSIAN CLOTH AND STITCHED PROPERLY TO WITHSTAND HAZARDS OF TRANSPORTATION. EACH BALE SHALL BE MARKED WITH NAME OF SUPPLIER, TYPE AND SIZE OF BAG, SERIAL NO. OF BALE, NO. OF BAGS IN THE BALE AND THE BALE WEIGHT

1	29/04/2024			
REV. NO.	DATE	PREP'D	CHECKED	APPR'D

**FACT****TECHNICAL SERVICES -
FACT COCHIN DIVISION**

CD-TSD-2021-12-R1

**TECHNICAL
PROCUREMENT
SPECIFICATION****POLYPROPYLENE (PP) BAGS FOR
GYPSUM PACKING**

PAGE 4 of 5

12.0	ASH CONTENT	ALL THE LOTS SUPPLIED SHALL BE TESTED FOR ASH CONTENT WHICH INCLUDES MAINLY CALCIUM CARBONATE CONTENT. ASH CONTENT IN BAGS SHALL BE 2.2% MAX (INCLUDING ALL IMPURITIES). IN CASE ASH CONTENT IS ABOVE 2.2% THE LOT WILL BE REJECTED. SAMPLES SHALL BE TAKEN OUT FROM THE LOT AS SPECIFIED IN IS 9755:2016 FOR TESTING ASH CONTENT		
13.0	CRITERIA FOR CONFORMITY	THE LOT SHALL BE CONSIDERED AS CONFORMING TO THE REQUIREMENTS FOR ACCEPTANCE IF ALL THE FOLLOWING CONDITIONS ARE SATISFIED.		
		i. THE NUMBER OF DEFECTIVE SACKS IN CASE OF VISUAL INSPECTIONS, ENDS, PICKS AND DIMENSIONS IS UP TO 10% OF THE SAMPLE SIZE AFTER ROUNDING OFF THE FRACTION TO NEXT HIGHER INTEGER. ii. NONE OF THE SACK OR BALE OF 400 SACKS WEIGHS LESS THAN THE RESPECTIVE LOWER SPECIFIED LIMIT. HIGHER WEIGHT CAN BE ACCEPTED iii. THE AVERAGE BREAKING STRENGTH OF FABRIC IN BOTH LENGTHWISE, WIDTHWISE AND WIDTHWISE (LAMINATION JOINT) IS NOT LESS THAN THE VALUE SPECIFIED AND NONE OF THE INDIVIDUAL VALUES IS MORE THAN 10% BELOW THE SPECIFIED VALUE. THE SAMPLES SELECTED FOR BREAKING STRENGTH TESTS SHALL BE FREE FROM DEFECTS IN VISUAL INSPECTION, DIMENSIONS, ENDS, PICKS AND MASS REQUIREMENTS. iv. THE AVERAGE BREAKING STRENGTH OF THE FABRIC AT BOTTOM SEAM IS NOT LESS THAN THE VALUE SPECIFIED AND NONE OF THE INDIVIDUAL BAG VALUE IS MORE THAN 10 PERCENT BELOW THE SPECIFIED VALUE. THE SAMPLE SELECTED FOR SEAM STRENGTH TESTS SHALL BE FREE FROM DEFECTS IN VISUAL INSPECTION, DIMENSIONS, ENDS, PICKS AND MASS REQUIREMENTS. v. NONE OF THE SAMPLE SACKS SHALL HAVE PERCENTAGE ELONGATION AND ASH CONTENT OUTSIDE THE SPECIFIED RANGE vi. NONE OF THE PP SACK SAMPLES AFTER EXPOSING TO UV RADIATION AND WEATHERING SHALL HAVE BREAKING STRENGTH LESS THAN 50 PERCENT OF THE ORIGINAL BREAKING STRENGTH. vii. NONE OF THE PP SACK SAMPLES SHALL FAIL IN THE DROP TEST		
I	29/04/2024			
REV. NO.	DATE	PREP'D	CHECKED	APPR'D

**FACT****TECHNICAL SERVICES -
FACT COCHIN DIVISION****CD-TSD-2021-12-R1****TECHNICAL
PROCUREMENT
SPECIFICATION****POLYPROPYLENE (PP) BAGS FOR
GYPSUM PACKING****PAGE 5 of 5**

	viii. NONE OF THE PP SACK TEST SAMPLES SHALL FAIL IN THE TAPE TEST, ALKALI TEST AND STANDARD TEST FOR ABRASION RESISTANCE OF PRINTED MATERIALS BY SUTHERLAND RUB TESTER: AS PER ASTM D5264-98 (RE APPROVED 2004)	
14.0	APPLICABLE STANDARD	APPLICABLE STANDARD SHALL BE IS 9755: 2016 FOR PP WOVEN SACKS FOR PACKING FERTILISERS. HOWEVER, IN CASES WHERE REQUIREMENTS IN THIS SPECIFICATION DIFFER FROM THOSE IN IS 9755:2016, REQUIREMENTS IN THIS SPECIFICATION SHALL PREVAIL OVER THOSE IN IS 9755:2016.

1	29/04/2024			
REV. NO.	DATE	PREP'D	CHECKED	APPR'D

Annexure-VI**DELIVERY REQUIREMENT****OFFERED QUANTITY AND DELIVERY SCHEDULE (Delivery at destination):**

		Type of PP ONOF bags		
		PP BHARAT NPK 20:20:0:13 / BHARAT NPK 20:20:0:13:0.5 (Zincated FF) bags	PP BHARAT NPK- 20.5:0:0:23 (Ammonium sulphate) bags	PP Gypsum bags
Total quantity offered against this enquiry (Lakh nos.)				
First lot from LOI date/ Confirmation by FACT (Specify Quantity and No. of days)	Qty (Lakh Nos)			
	No.of days			
Quantity offered per week thereafter (Lakh Nos)				
Bags per lot/truck (lakh nos)				

Date :

Place :

Signature and Name of bidder:

Seal of the bidder :

Annexure -VII

PROFORMA OF BANK GUARANTEE IN LIEU OF SECURITY DEPOSIT
(PERFORMANCE GUARANTEE BOND)
(TO BE OBTAINED FROM A NATIONALISED/SCHEDULED BANK ON STAMP PAPER OF
RS.500/-).

The Fertilisers and Chemicals Travancore Limited,
Udyogamandal P.O.
Cochin - 683 501

WHEREAS FACT - The Fertilisers and Chemicals Travancore Limited, Udyogamandal P.O. Kerala (hereinafter called referred to as the Company) has placed a Purchase Order No.....dated.....with M/s..... hereinafter called the supplier) for the supply of and whereas it is one of the conditions of the said purchase order that the Supplier shall either remit a sum of Rs..... (Rs.....only) or furnish a Bank Guarantee for Rs..... (Rs.....only) as security deposit for the due fulfillment of the said purchase order by the said Supplier.

In consideration of the Company having agreed to accept a Bank Guarantee from us towards such security deposit in lieu of the cash deposit in accordance with the terms and conditions of the above purchase order, we..... the Bank (hereinafter referred to as the Bank) do hereby undertake to pay the Company merely on demand any sum or sums from time to time demanded by the Company up to a maximum of Rs..... (Rs.....only) being the amount of the security deposit against any loss or damage caused to or suffered by or would be caused to or suffered by the Company by reason of any breach by the said Supplier of any of the terms and conditions contained in the said purchase order.

We, the said Bank, do hereby unconditionally and irrevocably undertake to pay the amount upon first written demand from the company without any demur or protest. We, the bank further confirms that the company is not required to state the reasons or show grounds for such demands. Any such demand made by the company shall be binding and conclusive as regards the amount due and payable by the Bank under this guarantee.

We undertake to pay to the Company any money so demanded notwithstanding any dispute or disputes raised by the said Supplier in any suit or proceeding pending before any court or Tribunal relating thereto our liability under this being absolute and unequivocal.

The payment so made by us under this Guarantee shall be a valid discharge of our liability for payment thereunder and the said Supplier shall have no claim against us for making such payment.

We further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said contract and that it shall continue to be enforceable till all the dues of the Company under or by virtue of the said contract have been fully paid and its claim satisfied or discharged or till the Company certifies that the terms and conditions of the said contract have been fully and properly carried out by the said Supplier and accordingly discharges this guarantee.

We further agree with the said Company that they shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said contract or to extend time of performance by the said Supplier or to postpone for any time and from time to time any of the powers exercisable by it against the said supplier and either to enforce or

**FACT CORPORATE
MATERIALS****Prequalification cum Supply of Outside laminated ONOF PP ONOF bags
for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal
Division & FACT-Cochin Division**

forebear from enforcing any of the terms and conditions governing the said contract or securities available to the Company and the said Bank shall not be released from its liability under these presents by any exercise by the Company of the liberty with reference to the matters aforesaid or by reason of time being given to the said Supplier or any other forbearance, act or omission on the part of the Company or any indulgence by the Company to the said Supplier or any other matter or thing whatsoever which under the law relating to sureties, but for this provision, have the effect of so relieving us.

This guarantee shall not be affected by any change in the constitution of the Bank or the Company or the said Supplier nor shall this guarantee be affected by any change in the constitution of the Company or the said Supplier by absorption with any other body or corporation and this guarantee shall be available to or enforceable by such body or corporation.

Our guarantee shall remain in force until Unless a claim or demand is made within six months after the expiry of the above date, all the Company's rights under the guarantee shall be deemed as waived/forefeited and we shall be relieved and discharged from all liabilities thereunder. Notwithstanding anything contained hereinbefore, our liability under this guarantee shall be limited to an amount not exceeding Rs..... (Rs.....only).

Any notice by way of request, demand or otherwise hereunder may be sent by post to the Bank addressed as aforesaid and if sent by post or submit to the Bank addressed as aforesaid or any local branch of the Bank in Ernakulam Dist / Kerala State and if sent by post, it shall be deemed to have given at the time when it would be delivered in due course of post and in proving such notice when given by post, it shall be sufficient to prove that the envelope containing the notice was posted and certificate signed by an officer of the Company that the envelope was so posted, shall be conclusive.

Disputes/differences, if any, relating to or arising out of this Bank Guarantee, shall be settled by courts having jurisdiction over Udyogamandal, in Kerala State, where the registered office of the company is situated and no other court shall have jurisdiction in the matter.

We Bank lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Company in writing.

Dated this day of Two thousand and

For (Name of Bank) :

Authorised Official :
Name :
Designation :

Place: (Seal of Bank)

Full address of the Branch issuing this guarantee

RAW MATERIALS**FERTILISERS AND CHEMICALS
TRAVANCORE LIMITED**

Annexure -VIII**PROFORMA OF BANK GUARANTEE TOWARDS SECURITY DEPOSIT IN LIEU OF
RETENTION OF BALANCE 2% PAYMENT FOR BAGS****(TO BE OBTAINED FROM A NATIONALISED/SCHEDULED BANK IN RS.500/-
STAMP PAPER)**

The Fertilisers And Chemicals Travancore Ltd.,
Udyogamandal.

WHEREAS FACT (Fertilisers and Chemicals Travancore Ltd., Udyogamandal P.O., Kerala, hereinafter referred to as the Company) has placed an Order No..... dated with M/s (hereinafter called the Supplier) for the supply of and where as it is one of the conditions of the said Order that the Supplier shall furnish a Bank Guarantee for Rs. (Rupees.....) as security deposit for releasing 100% payment for supply of bags.

In consideration of the Company having agreed to accept a Bank Guarantee from us towards such payment in accordance with the terms and conditions of the above Order, we..... the Bank (hereinafter referred to the Bank) do hereby undertake to pay the Company merely on demand any sum or sums from time to time demanded by the Company upto a maximum of Rs..... (Rupees only) being the amount of the security deposit against any loss or damage caused to or suffered by or would be caused to or suffered by the Company by reason of any breach by the said Supplier of any of the terms and conditions contained in the said Order.

We, the said Bank, do hereby unconditionally and irrevocably undertake to pay the amount upon first written demand from the company without any demur or protest. We, the bank further confirms that the company is not required to state the reasons or show grounds for such demands. Any such demand made by the company shall be binding and conclusive as regards the amount due and payable by the Bank under this guarantee.

We undertake to pay to the Company any money so demanded notwithstanding any dispute or disputes raised by the said Supplier in any suit or proceeding pending before any court or Tribunal relating thereto our liability under this present being absolute and unequivocal.

The payment so made by us under this guarantee shall be valid discharge of our liability for payment thereunder and the said Supplier shall have no claim against us for making such payment.

We further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Order and that it shall continue to be enforceable till all the dues of the Company under or by virtue of the said Order have been fully paid and its claim satisfied or discharged or till the Company certifies that the terms and conditions of the said Order have been fully and properly carried out by the said Supplier and accordingly discharges this guarantee.

We..... further agree with the said Company that they shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Order or to extend time of performance by the said Supplier or to postpone for any time and from time to time any of the powers exercisable by it against the said Supplier and either to enforce or forebear from enforcing any of the terms and conditions governing the said Order or securities available to

**FACT CORPORATE
MATERIALS****Prequalification cum Supply of Outside laminated ONOF PP ONOF bags
for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal
Division & FACT-Cochin Division**

the Company and the said Bank shall not be released from its liability under these presents by any exercise by the Company of the liberty with reference to the matters aforesaid or by reason of time being given to the said Supplier or any other forcebearance, act or omission on the part of the Company or any indulgence by the Company to the said Supplier or any other matter or thing whatsoever which under the law relating to sureties, but for this provision, have the effect of so relieving us.

This guarantee shall not be affected by any change in the constitution of the Bank or the Company or the said Supplier nor shall this guarantee be affected by any change in the constitution of the Company or the said Supplier by absorption with any other body or corporation and this guarantee shall be available to or enforceable by such body or corporation.

Our guarantee shall remain in force until..... Unless a claim or demand is made within six months after the expiry of the above date, all the Company's rights under the guarantee shall be deemed as waived/forfeited and we shall be relieved and discharged from all liabilities thereunder. Notwithstanding anything contained hereinbefore, our liability under this guarantee shall be limited to an amount not exceeding Rs.(Rupees..... only).

Any notice by way of request, demand or otherwise hereunder may be sent by post to the Bank addressed as aforesaid and if sent by post or submit to the Bank addressed as aforesaid or any local branch of the Bank in Ernakulam Dist / Kerala State and if sent by post, it shall be deemed to have given at the time when it would be delivered in due course of post and in proving such notice when given by post, it shall be sufficient to prove that the envelope containing the notice was posted and certificate signed by an officer of the Company that the envelope was so posted, shall be conclusive.

Disputes/differences, if any, relating to or arising out of this Bank Guarantee, shall be settled by courts having Jurisdiction over Udyogamandal, in Kerala State, where the registered office of the Company is situated and no other court shall have jurisdiction in the matter.

WeBank lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Company in writing.

Dated thisday of Two Thousand.....

For (Name of Bank)
Authorised Official

Name:
Designation:

Place:

Full address of the Branch issuing this guarantee.

RAW MATERIALS**FERTILISERS AND CHEMICALS
TRAVANCORE LIMITED**

Annexure – IX**(Format for Compliance Statement)****Compliance Statement.**

Name and Address of the bidder.

"We have read, understood and accepted the specifications of bags as per Annexure-VA, VB, VF & VJ monograms, NIT, Eligibility Criteria of vendors for Supply of PP ONOF bags, Instructions to Bidders, Terms & Conditions, Special Terms and conditions for PP ONOF bags, Unpriced bid, Delivery requirement, BG formats for SD, Check list for Commercial Terms, Integrity Pact, Certification Form: Make In India (Local Content) and Model Clause Certificate: Public Procurement No. 4 as per Annexures A, I, II, III, IV, VI, VII, VIII, X, XI, XII & XIII based on which this bid is being submitted "

Signature of Bidder:

Name of the Bidder:

Seal:

Annexure- X**CHECK LIST FOR COMMERCIAL TERMS**

(Scanned copy to be signed & duly filled by the bidder)

Sl. No	Terms	Bidder confirmation /response
1	VALIDITY OF OFFER - Please specify (Offer shall be valid for 90 days from date opening of bid)	
2	FIRM PRICE/PRICE VARIATION CLAUSE The prices shall be for delivery at destination by lorry and firm without any escalation till the order is completely executed except for variation in statutory levies as per 9.0 (Annexure-II) and for price of raw materials as per Price Variation Clause in Annexure - III. Bidder to confirm as 'YES'	
3	PRICE BASIS : <u>Delivery Shall be made F.O.L. -</u> Delivery of BHARAT NPK 20:20:0:13 fertiliser bags shall be made at the Stores Department of FACT Udyogamandal Division/FACT Cochin Division, BHARAT NPK 20:20:0:13:0.5 (Zincated FF) fertiliser bags shall be made at the Stores Department of FACT Udyogamandal Division, BHARAT NPK-20.5:0:0:23 (AMMONIUM SULPHATE) fertiliser bags shall be made at the Stores Department of FACT Udyogamandal Division & Gypsum bags to Stores Department of FACT Cochin Division as mentioned in the Purchase Order/delivery schedules Bidder to confirm as 'YES'	
4	HSN Code	GSTN No
5	IGST % (CGST+SGST) - Pl. indicate the relevant value in percentage	
6	TRANSIT INSURANCE : Transit Insurance shall be arranged by vendor as per clause 6.0 of Terms and Conditions (Annexure-II) of enquiry document - Bidder to confirm as 'YES'	
7	PAYMENT TERMS : Shall be as under Clause 8.0 of Terms and Conditions of (Annexure - II) of enquiry document. - Bidder to confirm 'YES'	
8	SECURITY DEPOSIT : Shall be under Clause 4.0 of Terms and Conditions of (Annexure - II) of enquiry document. - Bidder to confirm 'YES'	
9	DELIVERY : The bags shall be delivered as per delivery schedules given by FACT- Bidder to confirm 'YES'	
10	DELAY IN DELIVERY : In case delivery is delayed as per delivery schedule, Liquidated Damages shall be applicable as per	

FACT CORPORATE MATERIALS		Prequalification cum Supply of Outside laminated ONOF PP ONOF bags for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal Division & FACT-Cochin Division	
	Clause 11 of Terms and Conditions (Annexure -II) of enquiry document.- Bidder to confirm 'YES'		
11	Any legal proceedings relating to the Order shall be limited to Courts of Law under the jurisdiction of the Kerala High Court at Ernakulam as per clause 18.3 of Terms and Conditions (Annexure - II) of enquiry document- Bidder to confirm 'YES'		
12	COMPLIANCE STATEMENT: Bidder to furnish Compliance Statement as per Annexure- IX. Confirm as 'YES'		
13	INTEGRITY PACT : Bidder to execute and furnish IP as per Annexure – XI. Confirm as "YES"		
14	EMD : Bidder to furnish EMD amount of Rs.1,00,000/- as per clause 3 of Instructions to Bidder Annexure – I. Confirm as "YES"		
15	MICRO, SMALL OR MEDIUM ENTERPRISES : In case the supplier is registered as Micro, Small or Medium Enterprise under the 'Micro, Small and Medium Enterprises Development (MSMED) Act 2006', please indicate the relevant category and also specify whether the firm is owned by SC / ST / women entrepreneurs. Valid documentary evidence shall be uploaded. Bidder to confirm 'YES/NO/Not Applicable'		
16	Certification Form: Make In India (Local Content) : Bidder to furnish the same as per Annexure – XII. Confirm as 'YES/NO'		
17	Model Clause Certificate: Public Procurement No. 4 : Bidder to furnish the same as per Annexure – XII. Confirm as 'YES/NO'		

Date:

Signature of Bidder :

Name of Bidder:

Seal:

RAW MATERIALS	FERTILISERS AND CHEMICALS TRAVANCORE LIMITED	
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Annexure - XI**(To be executed on White Paper)****INTEGRITY PACT****Between**

The Fertilizers and Chemicals Travancore Limited (FACT), a company formed and registered under the Travancore Companies Act IX to 1114 (Companies Act, 2013) and having its registered office at Eloor, Udyogamandal-683501, Kochi, Ernakulam District, Kerala, hereinafter referred to as "The Principal".

And

..... hereinafter referred to as "The Bidder/ Contractor".

Preamble

The Principal intends to award, under laid down organization procedures, contract/s for The Principal values full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness / transparency in its relations with its Bidder(s) and or/Contractor(s).

In order to achieve these goals, the Principal will appoint an Internal External Monitor (IEM), who will monitor the tender process and execution of the contract for compliance with the principle mentioned above.

Section 1 - Commitments of the Principal

(1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:

- a) No employee of the Principal, personally or through family members, will in connection with the tender, or the execution of the contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
- b) The Principal will, during the tender process, treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
- c) The Principal will exclude from the process all known prejudiced/interested persons.

(2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the India Penal Code / Prevention of Corruption Act, or if there be a substantive suspicion in this regard, the Principal will inform the Vigilance Officer and in addition can initiate disciplinary actions.

Section 2 - Commitments of the Bidder(s) / Contractor(s)

(1) The Bidder(s) / Contractor(s) commits themselves to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

a) The Bidder(s) / Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person, any material or immaterial benefit which he/she is not legally entitled to, in order to obtain in exchange, any advantage of any kind whatsoever during the tender process or during the execution of the contract.

b) The Bidder(s) / Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelisation in the bidding process.

c) The Bidder(s) / Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

d) The Bidder(s) / Contractor(s) of foreign origin shall disclose the name and address of the Agents / Representatives in India, if any. Similarly, The Bidder(s) / Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. All the payments made to the India agent/representative have to be in Indian rupees only.

e) The Bidder(s) / Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to, or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

(2) The Bidder(s) / Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 - Disqualification from tender process and exclusion from future contracts

If the Bidder(s)/Contractor(s), before award or during the execution of has committed a transgression through a violation of Section 2 above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/ Contractor(s) from the tender process or to terminate the contract, if already signed, for such reason.

Section 4 - Compensation for Damages

(1) If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/Bid Security.

(2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the contract value or the amount equivalent to Performance Bank Guarantee.

Section 5 - Previous Transgression

(1) The Bidder declares that no previous transgression occurred in the last 3 years with any other Company in India conforming to the anti-corruption approach including Public Sector Enterprise in India that could justify his exclusion from the tender process.

(2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process and appropriate action can be taken including termination of contract, if already awarded, for such reason.

Section 6 - Equal treatment of all Bidders / Contractors / Subcontractors

(1) The Bidder(s)/Contractor(s) undertakes(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.

(2) The Principal will enter into agreements with identical conditions as this one with all Bidders, Contractors/Suppliers and Subcontractors.

(3) The Principal will disqualify from the tender process all Bidders who do not sign this Pact or violate its provisions.

Section 7 – Criminal charges against violating Bidder(s) / Contractor(s) / Subcontractor(s)

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor, or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

Section 8 - Independent External Monitor/Monitors

(1) The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

(2) The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. It will be obligatory for him to treat the obligations and document of the Bidder(s)/Contractor(s) as confidential. He reports to the Chairperson and managing Director, FACT.

(3) The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and

demonstration of a valid interest, unrestricted and unconditional access to this project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/Contractor(s)/ Subcontractor(s) with confidentiality.

(4) The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

(5) As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or to take corrective action, or to take other relevant action. The Monitor can in this regard submit non-binding recommendation. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

(6) The Monitor will submit a written report to the Chairman and Managing Director, FACT within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.

(7) Monitor shall be entitled to compensation on the same terms as being extended to / provided to Independent Director on FACT Board.

(8) If the Monitor has reported to the Chairman and Managing Director, FACT, a substantiated suspicion of an offence under relevant IPC/PC Act, and the Chairman and Managing Director, FACT has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.

(9) The word 'Monitor' would include both singular and plural.

Section 9 - Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged / determined by the Chairman and Managing Director, FACT

Section 10 - Other provisions

(1) This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. Udyogamandal, Kerala.

(2) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

(3) If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.

**FACT CORPORATE
MATERIALS****Prequalification cum Supply of Outside laminated ONOF PP ONOF bags
for packing BHARAT NPK fertilisers & Gypsum to FACT-Udyogamandal
Division & FACT-Cochin Division**

(4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

(5) The Bidder / Contractor signing this "Integrity Pact" shall not approach the court while representing the matters to IEMs and he/she shall wait their decisions in this matter.

For & On behalf of the Principal
(Office Seal)

For & On behalf of Bidder(s)/Contractor(s)
(Office Seal)

Place:

Date:

Witness 1:
(Name & Address).....

Witness 2:
(Name & Address).....

RAW MATERIALS**FERTILISERS AND CHEMICALS
TRAVANCORE LIMITED**

Annexure XII**Certification Form: Make In India (Local Content)**

(On Company's Letter Head)

Tender Ref. No.:

To
M/s FACT Ltd.,
Udyogamandal, P.O
Kochi, Kerala. PIN - 683 501.

Sub: Certification as per clause 9(a) of Revised Public Procurement (Preference to Make in India Order, 2017 of DPIIT dated: 16.09.2020 / 19.07.2024 or latest amendment

Sir,

This is to certify that M/s..... is a 'Class I Local Supplier' / 'Class II Local Supplier', at the time of tender, bidding or solicitation and the item offered i.e. PP ONOF bags meets the Local Content requirement for 'Class I Local Supplier' / 'Class II Local Supplier' (Tick appropriate option & cut the other one) and the Local Content percentage is.....

The address is as below, where the local content/ value addition is made:
[Factory Address]

For M/s.....

Authorized Signatory
(with company seal & Name)

Note: Provide above certificate from Statutory Auditor or Cost Auditor of the Company (in the case of Company) or from practicing Cost Accountant or practicing Chartered Accountant (in respect of supplier's other than Company).

Annexure XIII**Model Clause Certificate: Public Procurement No. 4**

(On Company's Letter Head)

Tender Ref. No.:

To
M/s FACT Ltd.,
Udyogamandal, P.O

Sub: Model Clause Certificate as per Annexure-III (Tenders) of Restrictions under rule 144 (xi) of the General financial Rules (GFRs) 2017, dated: 23.02.2023 or latest amendment

Sir,

I.....(authorized signatory) for M/s.....
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.....[Vendor Name & address] is not from such a country or, if from such a country, has been registered with the competent authority [Tick appropriate option & cut the other one]. We hereby certify that we fulfil all requirements in this regard and is eligible to be considered [attach evidence of valid registration certificate with competent authority].

For M/s.....
Authorized Signatory (with company seal & Name)



FACT

FACTAMFOS



FACT

Bharat N P K | भारत एन पी के | ভারত এন পি কে | ಭಾರತ ಎನ್ ಪಿ ಕೆ | ಭಾರತ್ ಎನ್ पी के | ভারত এন পি কে | ভারত এন পি কে



उर्वरक का कम, संतुलित इस्तेमाल,
उपज बेहतर, धरती खुशहाल।

- नरेंद्र मोदी, प्रधानमंत्री

PRADHANMANTRI

Bhartiya
Jan Urvarak
Pariyojna

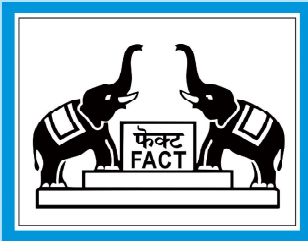


भारत एन पी के 20:20:0:13
BHARAT NPK 20:20:0:13

N 20%, P(T) 20%
P(CS) 20%

FERTILISER
AGRICULTURE PURPOSE ONLY

P(WS) 17%
S 13%



Manufactured & Marketed by
The Fertilisers And Chemicals
Travancore Limited
Ambalamedu, Kochi, Kerala - 682 303

Actual Cost = ₹ 2283.15 Per bag
Govt. of India Subsidy = ₹ 883.15 Per bag
Maximum Retail Price (Incl.all Taxes) = ₹ 1400.00 Per bag
Per Kg Sale Price = ₹ 28.00

Month & Year of Manufacture :

Net Weight = 50 Kg Gross Weight = 50.130 Kg

IS 9755 : 2021



"For any complaint, contact our Customer Care Officer at 0494 - 2546793"
The FACT Limited Udyogamandal 683501
mktres@factltd.com
EMPOWERED FARMERS, SELF-RELIANT INDIA



भारत एन पी के | ভারত এন পি কে | ভারত এন পি কে | ভারত এন পি কে | ভারত এন পি কে | ভারত এন পি কে | ভারত এন পি কে | ভারত এন পি কে | ভারত এন পি কে | ভারত এন পি কে



FACT

FACTAMFOS



FACT



FACT

FACTAMFOS



FACT

Bharat N P K | भारत एन पी के | ভারত এন পি কে | ಭಾರತ್ ಎನ್ ಪಿ ಕೆ | ಭಾರತ್ ఎన్ పి కే | ভারত এন পি কে



उर्वरक का कम, संतुलित इस्तेमाल,
उपज बेहतर, धरती खुशहाल।

- नरेंद्र मोदी, प्रधानमंत्री

PRADHANMANTRI

Bhartiya
Jan Urvarak
Pariyojna

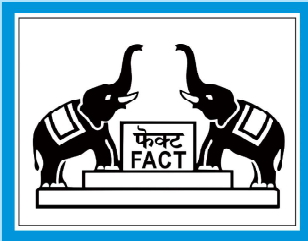


भारत एन पी के 20:20:0:13
BHARAT NPK 20:20:0:13

N 20%, P(T) 20%
P(CS) 20%

FERTILISER
AGRICULTURE PURPOSE ONLY

P(WS) 17%
S 13%



Manufactured & Marketed by
The Fertilisers And Chemicals
Travancore Limited
Udyogamandal, Kochi, Kerala – 683501

Actual Cost = ₹ 2283.15 Per bag
Govt. of India Subsidy = ₹ 883.15 Per bag
Maximum Retail Price (Incl.all Taxes) = ₹ 1400.00 Per bag
Per Kg Sale Price = ₹ 28.00

Month & Year of Manufacture :

Net Weight = 50 Kg Gross Weight = 50.130 Kg

IS 9755 : 2021



"For any complaint, contact our Customer Care Officer at 0494 - 2546793"
The FACT Limited Udyogamandal 683501
mktres@factltd.com
EMPOWERED FARMERS, SELF-RELIANT INDIA



भारत एन पी के | ভারত এন পি কে | ভারত এন পি কে | ಭಾರತ್ ಎನ್ ಪಿ ಕೆ | ಭಾರತ್ ఎన్ పి కే | ভারত এন পি কে



FACT

FACTAMFOS



FACT



FACT

AMMONIUM SULPHATE



FACT

Bharat N P K | भारत एन पी के | ভারত এন পি কে | ಭಾರತ್ ಎನ್ ಪಿ ಕೆ | ಭಾರತ್ ఎన్ పి కె | भारत एन पी के



उर्वरक का कम, संतुलित इस्तेमाल,
उपज बेहतर, घरती खुशहाल।

- नरेंद्र मोदी, प्रधानमंत्री

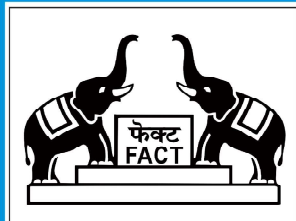
PRADHANMANTRI

Bhartiya
Jan Urvarak
Pariyojna



भारत एन पी के 20.5:0:0:23
BHARAT NPK 20.5:0:0:23
AMMONIUM SULPHATE

NITROGEN: 20.5% FERTILISER SULPHUR: 23%
AGRICULTURE PURPOSE ONLY



Manufactured & Marketed by
The Fertilisers And Chemicals
Travancore Limited
Udyogamandal, Kochi, Kerala – 683501

Actual Cost = ₹ 1455.95 Per bag
Govt. of India Subsidy = ₹ 470.95 Per bag
Maximum Retail Price (Incl.all Taxes) = ₹ 985.00 Per bag
Per Kg Sale Price = ₹ 19.70

Month & Year of Manufacture :

Net Weight = 50 Kg Gross Weight = 50.115 Kg

IS 9755 : 2021



"For any complaint, contact our Customer Care Officer at 0484 - 2546793"

The FACT Limited Udyogamandal 683501

mktres@facttd.com

EMPOWERED FARMERS, SELF-RELIANT INDIA



भारत एन पी के | ७७७७ NPK | ভারত এন পি কে | ಭಾರತ್ ಎನ್ ಪಿ ಕೆ | ಭಾರತ್ ఎన్ పి కె | भारत एन पी के

FACT



AMMONIUM SULPHATE

FACT





FACT

ZINCATED FACTAMFOS



FACT

Bharat N P K | भारत एन पी के | ভারত এন পি কে | ಭಾರತ್ ಎನ್ ಪಿ ಕೆ | ಭಾರਤ ఎన్ పి కే | भारत एन पी के | ভারত এন পি কে | ಭಾರತ್ ಎನ್ ಪಿ ಕೆ | ಭಾರತ ఎన్ పి కే | भारत एन पी के



उर्वरक का कम, संतलित इस्तेमाल,
उपज बेहतर, धरती खुशहाल।

- नरेंद्र मोदी, प्रधानमंत्री

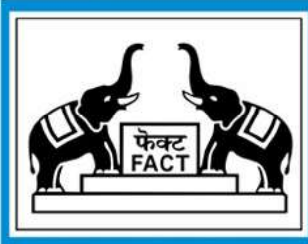
PRADHANMANTRI

Bhartiya
Jan Urvarak
Pariyojna



भारत एन पी के 20:20:0:13
BHARAT NPK 20:20:0:13
With 0.5% micronutrient Zn

N 20%, P(T) 20% FERTILISER P(WS) 17%, P(CS) 20%
S 13% - AGRICULTURE PURPOSE ONLY - Zn 0.5%



Manufactured & Marketed by
The Fertilisers And Chemicals
Travancore Limited

Udyogamandal, Kochi, Kerala - 683501

Actual Cost = ₹ 2124.65 Per bag
Govt. of India Subsidy = ₹ 774.65 Per bag
Maximum Retail Price (Incl.all Taxes) = ₹ 1350.00 Per bag
Per Kg Sale Price = ₹ 27.00

Month & Year of Manufacture :

Net Weight = 50 Kg Gross Weight = 50.130 Kg

IS 9755 : 2021



"For any complaint, contact our Customer Care Officer at 0484 - 2546793"
The FACT Limited Udyogmandal 683501
mktres@factltd.com
EMPOWERED FARMERS, SELF-RELIANT INDIA



भारत एन पी के | भारत एन पी के | भारत एन पी के | भारत एन पी के | भारत एन पी के | भारत एन पी के | भारत एन पी के | भारत एन पी के | भारत एन पी के | भारत एन पी के

FACT



ZINCATED FACTAMFOS

FACT





FACT GYPSUM



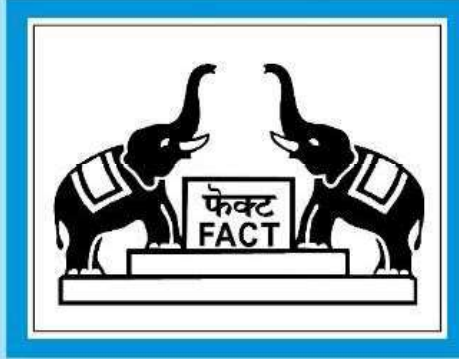
FACT GYPSUM



FACT GYPSUM

ಫ್ಯಾಕ್ಟ್ ಜಿಪ್ಸಮ್

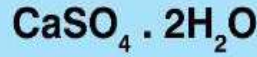
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**FACT
GYPSUM**



Calcium (as Ca) 23% Sulphur (as S) 18%

MANUFACTURER AND CUSTOMER CARE ADDRESS
FACT LTD., UDYOGAMANDAL,
KOCHI, KERALA-683 501

CUSTOMER CARE CELL: 0484-2546793 - mktres@factltd.com

States	Maximum Retail Price (Incl. all Taxes) per bag (₹)	Per kg Sale Price (₹)
Kerala	200.00	4
Tamil Nadu & Pondicherry	225.00	4.5
Karnataka	235.00	4.7
Andhra Pradesh & Telangana	295.00	5.9

Net Weight: 50 Kg.

Gross Weight: 50.115 Kg.



BATCH NO.:

FACT GYPSUM

FACT GYPSUM



FACT GYPSUM

FACT GYPSUM



FACT GYPSUM

FACT GYPSUM

