TRADING CORPORATION OF PAKISTAN (PVT) LIMITED
MINISTRY OF COMMERCE

No.TCP/MA&TD/UREA/21-1/2021 October 22, 2021

INTERNATIONAL TENDER FOR IMPORT OF 100,000 MT UREA ± 5% MOLSO
INVITATION FOR BIDS

Trading Corporation of Pakistan (Pvt.) Ltd. (TCP), Karachi, a state owned commercial organization working under the administrative control of Ministry of Commerce, Government of Pakistan, invites sealed bids from the International Urea Suppliers/producers for supply of **100,000 (One Hundred Thousand) metric tons (MT) with ± 5% MOLSO** Urea through their **local offices or representatives (registered with provincial/federal tax authorities)** having capacity to supply 'Urea' **(in bulk)** through worldwide sources on **CFR Karachi basis (in bulk shipment), shipment is to be made as per shipment schedule given in the Tender Document** and subject to the terms and conditions specified in 'Tender Document', which include the following:

(i) Urea to be supplied shall be strictly in accordance with the standards and specifications prescribed in the tender document and Import Policy Order in force;

(ii) Bids less than the quantity of 100,000 MT +/- 5% MOLSO will not be accepted; and

(iii) Total quantity of Urea must reach the designated ports in Pakistan in accordance with the shipment schedule given in the Tender Document.

2. Tender document containing detailed terms & conditions, method of procurement, procedure for submission of bids, bid security, bid validity, opening of bids, bid evaluation criteria, clarification/rejection of bids, performance guarantee etc. are available for the interested bidders on payment of PKR 2,000/- (Pak Rupees Two Thousand only), which can be purchased from following offices (Except Saturday & Sunday), till **1100 hours on November 22, 2021** from:-

(i) Deputy Manager (Cash), Trading Corporation of Pakistan (Pvt.) Ltd, 4th Floor, Block-B, Finance & Trade Centre, Sharah-e-Faisal, Karachi, Pakistan (Phone: 021-99202947-49 Ext.: 235);

(ii) General Manager, Regional Office, Trading Corporation of Pakistan (Pvt.) Ltd., 2nd Floor, LDA Plaza, Edgerton Road, Lahore (Phone No.042-99206065-69); and

(iii) Incharge, Regional Office, Trading Corporation of Pakistan (Pvt.) Ltd., Evacuee Trust Complex, 5th Floor, Sir Agha Khan Road, F-5/1, Islamabad (Phone: 051-9222441-42).

3. The tender documents can also be downloaded from official websites of TCP www.tcp.gov.pk. and PPRA www.ppra.org.pk. However, the receipt of purchase of tender documents can be obtained from the cash section of TCP against the payment of PKR 2,000/- (Pak Rupees Two Thousand only) prior to dropping the bid envelope in the tender box within the specified time as mentioned at Para-2 above.

4. The bids, prepared in accordance with the instructions in the tender documents, must be dropped in the tender box placed at Reception Counter of TCP, 4th Floor, Block-B, Finance & Trade Centre, Shahrah-e-Faisal, Karachi, on or before **November 22, 2021, latest by 1130 hours.** Bids will be opened on the same day at **1200 hours** in the TCP's Board Room, in presence of the bidders or their authorized representatives who may wish to be present.

5. The interested parties who have previously not fulfilled their contractual obligations with TCP shall not be eligible to participate in the Bids, unless they clear their dues along with penalties or fulfill their contractual obligations in services and commodities with TCP, as the case may be, before tender opening date. Furthermore, those firms against which have been blacklisted or against whom black listing procedures have been initiated by TCP shall not be eligible to participate in the tender. Detailed specifications/requirements are indicated in the Tender Document containing tender terms & conditions. TCP reserves the right to accept or reject any or all offers wholly or partially or bifurcate or increase/decrease the tender quantity as per PPR-2004.

6. This advertisement is also available on TCP website at www.tcp.gov.pk and PPRA website at www.ppra.org.pk.

(QADEER AHMED BHUTTO)
GENERAL MANAGER (MA & TD)

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No.TCP/MA&I/Urea/21-1/2021 **October 22, 2021**

INTERNATIONAL TENDER FOR IMPORT OF 100,000 MT +/- 5% MOLSO (MORE OR LESS AT SELLER'S OPTION) (ONE HUNDRED THOUSAND METRIC TONS) UREA

TERMS & CONDITIONS

1. INVITATION FOR BIDS:

Trading Corporation of Pakistan (Pvt.) Ltd. (TCP), Government of Pakistan, Karachi invites bids for supply of **One Hundred Thousand MT (100,000 MT)** +/- 5% MOLSO (More or Less at seller's option) Urea Fertilizer Granular or Prilled or both (in bulk) through import from worldwide sources on C&F basis.

2. The supply/import of Urea, as above, shall be governed by the Imports and Exports (Control) Act, 1950, provisions of the Trade Policy in force, PPRA Rules 2004 and the orders/notifications issued there under; and shall be in accordance with the requirements/specifications laid down by Pakistan Standards Quality Control Authority (PSQCA), for imported Urea, as reproduced hereunder:-

"COMMODITY SPECIFICATIONS / REQUIREMENT":

The material shall be Non powdered, White, free flowing and free from harmful substances at the time of loading and shall comply with the requirements specified as follows (Table-I), when tested according to the methods prescribed in column – 5 of the Table-I:

TABLE-I

REQUIREMENTS/SPECIFICATIONS FOR UREA FERTILIZER (PRILLED AND GRANULAR)

S No	Characteristics	Requirements		Appendix
		Prills	Granules	
1	2	3	4	5
1	Physical condition	White, Free flowing Prills	White, Free flowing Granular	Visual inspection
2	Moisture % by weight , max	0.5%	0.5%	B
3	Nitrogen content % by weight min	46%	46%	C
4	Biuret % by weight , Max	1.5%	1.5%	D
5	Formaldehydes % by weight. Max]	0.7%	0.7%	E
6	Free ammonia. Max	250 ppm	250 ppm	F
7	Size distribution (In diameter) **90%**	1 to 3 mm 90%	+2 to 4 mm, 90% Min + 4 mm, 7 % Max - 2 mm, 3 % Max	G
8	Crushing strength , min	---	2 kg	H

2 (ii) SAMPLING

"The procedure of sampling and testing of Urea fertilizer (Prilled and Granular) given in appendix A, B, C, D, E, F, G & H are only for supplier's information. However it is the responsibility of the concerned PSIA to follow the given procedure while inspecting the offered stocks."

Representative sample of the material shall be drawn as prescribed in Appendix – A.

APPENDIX - A

SAMPLING OF UREA FERTILIZER (PRILLED AND GRANULAR)

A-1 **General requirement of Sampling**

A-1.0 In drawing preparing, storing and handling test samples, the following precautions and directions shall be observed

A-1.1 Sampling shall be taken at a place protected from damp air, dust and soot.

A-1.2 The Sampling instruments shall be clean and dry when used.

A-1.3 Precautions shall be taken to protect the sample , the material being sampled, the sampling instrument and containers for samples from adventitious contamination.

A-1.4 To draw a representative sample , the contents of each container selected for sampling shall be mixed as thoroughly as possible by suitable means.

A-1.5 The sample shall be placed in clean, dry and air, tight glass or other suitable containers on which the material has no action .

A-1.6 The sample containers shall be of such a size that they are almost completely filled by the sample

A-1.7 Each sample containers shall be sealed air tight after filling and marked with full details of sampling , the date of sampling , year of manufacture and other important particulars of the consignment .

A-1.8 Samples shall be stored in a cool and dry place.

2 (b) CRITERION FOR CONFIRMITY:

A-5.1 The test results for total nitrogen shall be recorded as shown in Table V. The mean and the range of the test result shall be calculated as follows:

$$\text{Mean } (X) = \frac{\text{The sum of the test results}}{\text{Number of test results}}$$

Range (R) = the difference between the maximum and the minimum values of the test results.

A-5.1.1 The appropriate expression as shown in col. 6 of Table V shall be calculated for this characteristic. If the condition given in col. 6 of Table V is satisfied, the lot shall be declared to have satisfied the requirement for this characteristic.

A-5.2 For the remaining characteristics, the test results on the composite test sample shall satisfy the requirements specified in 3.

A-5.3 A lot shall be declared as conforming to the specification only when it has satisfied each of the requirements specified in 3.

TABLE –V

CRITERION FOR CONFORMITY

Sr. No.	Characteristic	Test Results 1.2 N	Mean	Range	Criterion For Conformity
i	ii	iii	iv	v	vi
1.	Total Nitrogen , percent by weight	---	X	R	$x - 0.6\ R \geq$ the value specified in table (1) 3

APPENDIX – B

B-A- DETERMINATION OF MOISTURE IN UREA (KARL-FISHER METHOD)

B-A-1 Apparatus:

B-A-1.1 Potentiometer titrator-equipped with magnetic stirrer and auto control.

B-A-2 Chemicals:

B-A.2.1 Karl-Fisher Reagent.

B-A.2.2 Standard water-methanol solution.

B-A.2.3 Methanol purified or Karl Fisher solvent.

B-A.3 **Procedure:**

B.A.3.1 **Estimation of factor** – Place 30 ml. of purified methanol or Karl Fisher solvent in the titration flask of the titrator and titrate to the end point with Karl Fisher reagent. For end point follow the instruction of the manufacturer of the apparatus. Add 0.2 to **0.3g** of sodium titrate dehydrate and titrate with Karl-Fisher reagent to the end point. Sodium titrate dehydrate contains15.65 % water.

$$F = \frac{H}{a}$$

Where

F = Factor of the reagent (mg/ml).
a = ml. of Karl-Fisher reagent required for sodium tartrate dehydrate.
H = mg .of water contained in sodium titrate dehydrate taken.

$$= \frac{15.65 \times 1000}{100} \times \text{wt. of tartrate taken}$$

B-A.3.2 **Determination** - Place 30 ml. of purified methanol or Kari Fisher solvent in the titration flask of the titrator and titrate with Karl-Fisher reagent to the end point. Add 1 – 2 gram of the sample, dissolve thoroughly, and titrates with Karl - Fisher reagent to the end point.

B.A.3.3 **Calculation:**

$$H2O\ \% = \frac{Y \times F}{S \times 10}$$

Where: Y = ml. of Karl-Fisher reagent consumed for the sample.
S = gram of the sample taken.

APPENDIX – C.

2 (c). **DETERMINATION OF TOTAL NITROGEN IN UREA**

C-1.0 Apparatus. – Distillation apparatus for determining total nitrogen and Ammonical Nitrogen. Distillation apparatus shall consist of Alkali-resistant, glass Rubber stoppers must be renewed periodically and should fit closely in the neck of the distillation flask, to prevent condensation of liquid between glass wall and stopper or Automatic Kjeldahl Distillation Unit.

C-2.0 **Reagent:**

C-2.1 Potassium Sulphate: - anhydrous (sodium sulphate may be used if potassium sulphate is not available).

C.2.2 Copper Sulphate.

C-2.3 Concentrated Sulphuric Acid.

C-2.4 Standard Sulphuric Acid – 0.5 N.

C-2.5 Mixed Indicator- Mix 1:1 ratio (v/v) 0.2% solution of methyl red 0.1 percent solution methylene blue both in alcohol.

C-2.6 Sodium Hydroxide Solution – Approximately 40 percent (w/v).

C-2.7 Standard Sodium Hydroxide Solution - 0.5 N.

C-3.0 **Procedure**

C-3.1 Weigh accurately abut 0.5 g of the prepared sample and transfer to a Kjeladahl flask. Add 10 g of powdered potassium sulphate and a few crystals of copper sulphate Add 30 ml of concentrated Sulphuric acid to the flask. Place the flask in an inclined position. Heat below the boiling point until forthing ceases. Raise the temperature to bring the acid to brisk boiling. Continue the heating until the solution becomes straw-yellow in colour for practically water-white. Now remove the flask from the flame and cool. Transfer quantitatively to the round bottom flask and dilute to about 250 ml with water.

C-3.2 Add about 60 ml or more, if necessary, to make the solution alkaline of sodium hydroxide solution carefully down the side of the flask so that it does not mix at one with the acid solution but forms a layer below it. Assemble the apparatus with the tip of the condenser dipping in a known quantity of standard Sulphuric acid in excess that required to neutralize the ammonia to be evolved beaker to which a few drops of mixed

indicator have been added. Mix the contents of the flask by shaking and distill until all ammonia has passed over. Detach flask from the condenser and shutoff the burner. Rinse the condenser thoroughly with water into the beaker. Wash, the dip tube carefully so that all traces of the condenser are transfer to the beaker. When all the washings have drained into the beaker, add two a three drops more of the indicator and titrate with standard sodium hydroxide solution.

C-3.3 Carry out a blank using all reagents in the same quantities without the materials to be tested.

C-3.4 Calculation:

$$\text{Total nitrogen, percent by weight} = \frac{1{,}400\ (B - A)\ N}{W}$$

Where

B = Volume in ml of standard sodium hydroxide solution used to neutralize the acid in blank determination.

A = Volume in ml of standard sodium hydroxide solution used to neutralize the excess of acid in the test with the material.

N = Normally of standard sodium hydroxide solution, and

W = Weight in g of the prepared sample taken for the test.

APPENDIX – D

2 (d). DETERMINATION OF BIURET CONTENT OF UREA COLORIMETRIC METHOD:

D-1.0 **Summary of Method:**

A known weight of sample is stirred in a CO2 -free distilled water to dissolve the biuret and the solution is filtered. The filtrate is passed through an ion exchange column to remove interferences such as ammonium ions. The eluate is then treated with copper sulphate in the presence of alkaline tartrate solution, the biuret in the sample reacts to form a copper complex, the intensity of which is proportional to the biuret content. The colour intensity is measured at 550 μ and with the absorbance known, the percent biuret is determined from the calibration curve. Results are reported to the nearest 0.01 weight percent.

D-2.0 **Apparatus**

D-2.1 **Spectrophotometer** - Capable of measuring absorbance at 555 nm,and wash the Beckman DU instrument, photoelectric colorimeters fitted with a 500 – 570nm (or 520 580nm) filter are acceptable.

D-2.2 **Absorption Cell** – Matched Pair 50 mm, light path length:
D-2.3 **Water Baths** – Capable of maintaining temperature of 30 $\pm$ 5^{0}C and 50 $\pm$ 5^{0}C.
D-2.4 **Filter Paper** – Whatman 1 or its equivalent.

D.3.0 **Reagent:**

D-3.1 Unless otherwise indicated, the purity of the following materials should be of reagent grade.

D-3.2 CO2 Free distilled Water: (PH 6.5 at 2 5^0C). Prepare by boiling distilled water. Cool, prepare fresh daily.

D-3.3 *Alkaline Tartrate Solution-* Dissolve40 g of sodium hydroxide in 500 ml of water, stopper the container and allow to cool. Add 50 g, of sodium potassium tartrate (NaKC4 H4 O6 4H2 O) and agitate the solution to dissolve the crystals,. Dilute to 1 litre and mix well. Allow the solution to stand one day before use.

D-3.4 *Copper Suplphate Solution:-* Dissolve 15 g. of copper sulfate (CuSO4 5H2O), in CO2 –free distilled water and dilute to 1 litre.

D-3.5 *Biuret Standard Solution- 1 mg/*ml. Dissolve 250 $\pm$ 1 mg of biuret in CO2 free distilled water and dilute to the mark in a 250 ml. volumetric flask.

D-3.6 *Methyl Red indicator* – Dissolve 1 g. of methyl 1 red in 200 ml. of ethyl alcohol.

D-3.7 Sulphuric Acid- 0.1N – Add 2.3ml of concentrated sulfuric acid to approximately 500 ml. of water in 1 –litre volumetric flask and fill to the mark with additional water. Mix well standardization of the solution is not required.

D-3.8 Ion Exchange Resin – Fill a 50 ml. biuret with 30 cm. column of Amberlite IR 120 (H) resin on a glass wool plug. (Regenerate the column after each used by passing 100 ml. of H2SO4 (1:9)or HC1 (1:4)through the column at 5 ml./min., then wash with water until the PH of the effluent is greater then (6). The Amberlite IR 120 (H) is available from Rohm and Hass, Philadellphia, Pennsylvania, or comparable ion exchange resin may be used.

D-4 **CALIBRATION:**

D-4.1 Pipette be separately 2, 10, 20, 30, 40, and 50, ml. of the biuret standard solution in 100 ml. volumetric flasks. These will contain 2, 10, 20, 30, 40, and 50, mg biuret, respectively.

D-4.2 Adjust the volume in each flask to about 50 ml. with CO2 free distilled water.

D-4.3 Add one drop of methyl red into each flask and neutralize with 1 or 2 drops of 0.1N sulphuric acid to pink color, swirl.

D-4.4 While swirling, pipette into each flask 20 ml. of alkaline tartrate solution, followed by 20 ml of copper sulphate solution.

D-4.5 Fill each flask to the mark with CO2 free distilled water and shake for 10 seconds.

D-4.6 Allow the flasks to stand for 15 minutes at 30 $\pm$ 5^0C. if the room temperature is not 30 $\pm$ 5^0C, place the flask in water bath maintained at 30 $\pm$ 5^0C.

D-4.7 Prepare a reagent blank, using the same quantities of reagent and conditions but excluding the biuret standard solution.

D-4.8 Fill one of the absorption cells with the reagent blank and place it in the right path in the spectrophotometer. Set the wave – Length at 555 mill microns. Adjust the absorbance to zero in accordance with the instruction for the particular instrument.

D-4.9 Fill the sample cell with one of the calibration standards and determine the absorbance at 555 mill microns. Records the absorbance reading.

D-4.10 Repeat the absorbance measurement for each of the remaining calibration standards. All measurement should be conducted so that no standard is allowed to stand for more the 30 minutes measured from the time it was placed in the 30^0C bath.

D-4.11 Prepare a calibration curve on rectilinear paper by plotting the absorbance values against the corresponding weights of biuret in the standards in mg.

D-5.0 **Procedure:**

D-5.1 Weight 10 $\pm$ 0.1g of the sample under test into a150 ml. beaker. Dissolve in 50 ml. of the CO2 - free distilled water preheated at 50 $\pm$ 5^0 C.

D-5.2 Stir the solution for 30 minutes and maintains the temperature at 50 $\pm$ 5^0C by using a water bath capable of maintaining a temperature of 50 $\pm$ 5^0C.

D-5.3 Filter the solution into a 100 ml. volumetric flask using a medium sized filter paper. Rinse the beaker and the stirrer with small portions of CO2 -free distilled water and add the rinsing to the filter. Fill the flask to the mark with CO2 -free distilled water.

D-5.4 Transfer 25 ml. aliquot of the filtrate into the ion exchange column: adjust the flow to 4-5 ml./ minute, collect the eluate in a 100 ml, volumetric flask.

D-5.6 When the liquid level reaches the top of the resin bed wash with two ml. portion of CO2 - free distilled water, and add the washings to the eluate in the flask.

D-5.7 Add 1 or 2 drops of methyl red indicator and IN NaOH to a yellow color. Add a few drops of 0. 1 NH2SO4 until the solution just turns pink. Fill the flask to the mark with CO2 - free distilled water, shake, and mix thoroughly;

D-5.8 Pipette 50 ml. of the solution into a 100 ml. volumetric flask and proceed as in CALIBRATION, steps (3) through (8).

D-5.9 Fill the sample cell with the sample under test and determine the absorbance at 555 mu .

D-5.10 From the calibration curve, determine the mg of biuret that corresponds with the absorbance reading.

D-5.11 **Calculation:-**

(1) Calculate the percent of biuret in the sample by the following equation;

$$B = \frac{W1 \times 100}{W \times \frac{1000}{100} \times \frac{25}{100} \times \frac{50}{1}}$$

Simplifying

$$B = \frac{W1}{W \times 1.25}$$

Where

W = is the weight of sample in g.
W1 = is the biuret content of the sample as read from the calibration curve in mg.
B = is the wt. percent biuret in the sample.

$\frac{25}{100}$ $\frac{50}{100}$ The constants and are Aliquot portions.

D-5.11 Reporting:

Report the result nearest 0.01% as: Biuret Content----%.

Alternate method

Determine of Biuret content of urea (Without Ion exchange column)

D-6.0 **APPARATUS /EQUIPMENT:**

D-6.1 Spectrophotometer with 10 mm Glass curvettee cell.

D-6.1.2 Spectrophotometer with 10 mm Glass cuvettee ceil
D-6.1.3 Pipettee 20 ml
D-6.1.4 Volumetric flask 100 ml, 250 ml, IL
D-6.1.5 Burette 50ml
D-6.1.6 Beaker 1L
D-6.1.7 Weighing Balance

D-6.2. **Chemical/Reagents**

D-6.2.1 Segnette Salt Solution
Dissolve 20g sodium potassium tartarate in 600 ml water. Add 32g of N_aOH and dissolve completely Cool, make upto 1000ml with demin or distil water and mix thoroughly.

D-6.2.2 **Copper Sulphate Solution (6g / Litre)**

Dissolve 6.0g copper Sulphate ($CuSO_4$, $5H_2O$) in one litre of demin or water

D-6.2.3 **Biluret Standard Solution (1000 ppm)**

Weigh exact 1.00 g purified biuret and transfer into 1L beaker containing about 800 ml demin or distil water Dissolve at 70 °C cool and transfer solution with 2-3 washings into 1L volumetric flask Dilute to mark and mix.

"1 ml = 1 mg biuret"

D-6.2.4 Methanol (pure)

D-6.3 Preparation of Calibration Curve (0-50 mg)

D-6.3.1 Transfer 10, 20, 30, 40 & 50 ml of Biuret stock solution in 100 ml volumetric flasks & volume about 50 ml with demin or distil water in each flask. Each flask will contain 10, 20, 30, 40 & 50 mg biuret respectively.

D-6.3.2 Add 20ml seignette salt solution & mix.

D-6.3.3 Add 20ml copper Sulphate solution & mix.

D-6.3.4 Make the volume upto mark with demin or distil water & mix thoroughly

D-6.3.5 Make a blank with demin water and all reagents.

D-6.3.6 Wait for 15 minutes.

D-6.3.7 Note the absorbance at 550nm with 10 mm cuvette cell against blank

D-6.3.8 Draw the calibration curve between Abs, & mg of biuret & calculate factor

D-6.4.0 **METHOD**

D-6.4.1 Weigh 40g of urea sample and dissolve in water contained in 250ml volumetric flask. Make volume upto mark with demin or distil water. Mix thoroughly.

D-6.4.2 Take 20 ml of sample in 100 ml volumetric flask and make about 50 ml with demin or distil water

D-6.4.3 Proceed thru steps 2.5.2- 2.5.7

D-6.5 CALCULATION

$$\text{Biuret \%} = \frac{\text{Factor X absorbance X 250 X100}}{\text{wt of urea X 20 X 1000}}$$

OR

$$\text{Biuret \%} = \frac{\text{Factor X absorbance X 1.25}}{\text{wt of urea}}$$

D-6.6 REMOVAL OF INTERFERENCE OF FREE AMMONIA

D-6.6.1 Free Ammonia can interfere with determine of biuret. If concentration of Free Ammonia is less than 10 ppm its interference is negligible. If it is more than 10 ppm the proceed as below:

D-6.6.2 Take 40g sample in 1L beaker, Add 100 ml demin or distil water and dissolve urea granules completely.

D-6.6.3 Add 50 ml methanol. Mix thoroughly.

D-6.6.4 Evaporate on steam bath till about 20-30 ml volume is left.

D-6.6.5 Transfer into 250 ml volumetric flask. Wash beker thoroughly into volumetric flask. Make upto the mark with demin or distill water and mix well.

D-6.6.6 Proceed as per step 3.2.

APPENDIX - E.

2 (e). **DETERMINATION OF FORMALDEHYDE IN UREA**

E-1.0 APPARATUS / EQUIPMENT:

E-1.1 Spectrophotometer with 10 mm cell.

E1.2	Cylinder	50 ml
E-1.2	Volumetric Flasks	100m l. 500 ml 1L
E-1.3	Bulb pipette	20 ml
E-1.4	Burette	25 ml

E-2.0 **CHEMICAL / REAGENTS**

E-2.1 Chromo tropic Acid Solution (2%)

E-2.1.1 Dissolve 2g of solid chromotopic Acid Disodium salt in demineralized or distill water and dilute to 100ml. filter the solution if required.

E-2.2 Sulphuric Acid Conc. (98 %)

E-2.3 Urea Formaldehyde Solution (UF-85) with 60% Formaldehyde. Or Formaldehyde (37%) Solution

E-2.4 Formaldehyde Stock Solution (10ppm)

E-2.4.1 Weigh about 50 g UF – 85 solution or Formaldehyde 37% solution in 1L volumetric flask containing some demineralized or distill water. Make the volume up to mark & mix thoroughly.

E-2.4.2 Measure 20 ml from above with bulb pipette & transfer into 1L volumetric flask. Dilute up to the marks & mix.

E-2.4.3 According to formaldehyde contents calculates & transfer the mls of solution from clause E-2.4.2 in 1L volumetric flask to make formaldehyde solution of 10 ppm. Dilute up to the mark with demineralized or distilled water and mix (1ml = 10ug formaldehyde)

E-3.0. PREPRATION OF CALIBRATION CURVE (0.100 µg)

E-3.1 Transfer 2,4,6,8 & 10 ml formaldehyde stock solution (10 ppm) in series of 100 ml of volumetric flasks. Equivalent to 20, 40, 60, 80, & 100ug formaldehyde contents in each flask.

E-3.2 Add demineralized or distilled water in each flask to make total volume ml in each flask.

E-3.3 Add to each flask 2ml Chromotropic acid solution and then 25 ml of concentrated H_2SO_4.

E-3.4 Allow reacting for 30 minutes without cooling.

E-3.5 Dilute the contents of the flask nearly to the mark with sulfuric acid 5 N.

E-3.6 Cool the flask to room temperature. Fill up to the mark with sulfuric acid 5N mix.

E-3.7 Also make blank with demineralized water & proceed thorough Clause E- 3.3 – E3-6.

E-3.8 Measure the absorbance at 570nm against blank with 10mm cell.

E-3.9 Plots graph between Abs and µg formaldehyde & calculate slop.

E-4.0 **METHOD:**

E-4.1 Weigh about 2g of urea granules and dissolve in 1L volumetric flask containing demineralized or distil water mix to dissolve and make volume up to mark.

E-4.2 Take 5 ml of above solution in 100ml volumetric flask containing 5ml demineralized water.

E-4.3 Proceed thought Clause E-3.3 to E-3.8

E-5.0 **CALCULATION:**

$$\text{Formaldehyde \%} = \frac{\text{Abs x Slope x 1000 x 100}}{\text{Wt of Urea x 5 x1000 x 1000}}$$

APPENDIX – F

2 (f). DETERMINATION OF FREE AMONIA IN UREA GRANULES

F.1APPARATUS / REAGENTS

F.1.1 Conical flask: 500ml

F.1.2 Volumetric flask: 1L

F.1.3 Electric balance:

F.2 **CHEMICAL / REAGENTS:**

F.2.1 HCl (0.1)

F.2.1.1 Dissolved about 9.0 ml of concentrated HCl (37%) in water and make the volume upto liter in volumetric flask.

F.2.1.2 Phenolphthalein (0.5) indicator:

F.2.1.3 Dissolved 0.5 g of solid in 100 ml of methanol or ethanol.

F.3 **PROCEDURE / METHOD:**

F.3.1 Weigh about 20 g of urea granules in 500 ml conical flask.

F.3.1.1 Add about 250 ml cold demineralized water & stir to dissolve completely.

F.3.1.2 Add few drops of phenolphthalein indicator.

F.3.1.3 If pink color appeared titrate with 0.1 N HCL till disappearance of pink color.

F.3.1.4 Note milli liter of acid used.

F-4 **CALCULATION**

$$\text{Free } NH_3 = \frac{\text{volume of HCL used x 0.1 x 17.03 x 1000}}{\text{Wet of sample}}$$

APPENDIX – G

2 (g). DETERMINATION OF SIZE DISTRUBTION OF UREA

G.1 **APPARATUS / EQUIPMENT.**

G.1.1 Stainless steel sieves of the required mesh size with lid & bottom pan.

G.1.2 Sieves shaker

G.1.3 Top loading balance

G.1.4 Brush

G-2 **METHOD**

G-2.1 Arrange the individually tare sieves in descending order of mesh size from top to bottom.

G-2.2 Place receiving pan on the bottom of stack.

G-2.3 Weigh about 200 to 300g of sample taken thru sample divider.

G-2.4 Transfer sample on the top sieve place lid on top of stack.

G-2.5 Place the sieve stack on shaker and tighten the belts evenly on both sides.

G-2.6 Set timer of vibrator to 5 minutes amplitude at 3.0 mm and start the vibrator.

G-2.7 After shaking stops switch –off the vibrator and remove the sieves one by one.

G-2.8 Weigh sieve + sample on top loading balance.

G-2.9 Calculate the weight of samples retained on each sieve.

G-3 **CALCULATION**

G-3.1 Calculate weigh percent on each sieve by following formula

$$\text{Wt. \% on each sieve} = \frac{\text{Weight (g) on sieve} \times 100}{\text{Total Weight of sample}}$$

APPENDIX – H

2 (h). DETERMINATION OF CRUSHING STRENGTH OF UREA GRANULES

H-1 **APPARATUS / EQUIPMENT**

H-1.1 Crushing strength apparatus
It consists of two parts A 10 mm diameter flat –ended steel rod with plate glass on one side and a supporting scale to provide a smooth bearing surface

H-1.2 Plastic bottle 5L graduated with marker at 200 ml interval)
H-1.3 Rubber tube
H-1.4 Whatman filter paper No, 41

H-2 **CHEMICALS/REGENTS :**

H-2.1 Tap water

H-3 **Method**

H-3.1 Weight the rod of crushing strength apparatus and 5L empty plastic bottle let their total weight as WI kg
H-3.2 Collect at least 10 granules from 315 mm sieve size
H-3.3 Place a granule under the rod
H-3.4 Place the plastic bottle is at the top of rod.

H-3.5 Start adding tap water slowly through rubber tube into the plastic bottle.
H-3.6 Closely observe the granules as the bottle is being filled.
H-3.7 When granule breaks immediately disconnect the tap water
H-3.8 Note down the liters of water filled in bottle take the litters of waters as W2 kg.

H-4 **Calculation**

Crushing strength (kg) = $W1 \pm W2$

The average Crushing strength for 10 granules is taken as the Crushing strength in kg for the product."

3. **QUANTITY: -**

a. **100,000 MT (One Hundred Thousand) Metric Tons +/- 5% MOLSO Urea is required, shipment is to be made as per shipment schedule given at Clause-15.**

b. Bid shall be made for quantity of 100,000 MT with +/- 5% MOLSO. Any bid less than 100,000 MT +/-5% MOLSO will not be accepted. Only firm offers/quantity will be considered.

c. The bidders **are** required to quote one rate, the multiple rates/prices for the offered quantity by the same bidder shall not be considered.

d. TCP reserves the right to purchase either more or less than the advertised quantity and/or the quantity offered in the bid.

e. Part shipment is allowed as per clause-15.

f. Containerized shipment is not allowed.

g. The port of arrival/discharge will be any port in Pakistan as designated by TCP. TCP reserves the right to divert the Vessel to any specific port in Pakistan.

4. **METHOD OF PROCUREMENT:**

Single Stage – One Envelope.

5. **CLARIFICATION / REJECTION OF BIDS:**

i. **BASIS OF OFFERS/ PRICE**

a. Price shall be quoted in US Dollars PMT CFR Karachi Port/Bin Qasim Port/Gwadar Port as per Bid Form (**ANNEXURE-I**).

b. Afloat cargo shall not be accepted.

c. Containerized shipments not allowed.

d. Only single rate to be quoted by the bidder for all the discharge ports in Pakistan. The discharge port will be subject to clause 3(g).

ii. **SUBMISSION OF BIDS/ EVALUATION CRITERIA:**

a. The bid documents can be purchased from designated offices / downloaded from the website of TCP till **1100 hours on November 22, 2021**. **Interested foreign suppliers** may submit their bids in sealed envelopes to be dropped in the Tender Box placed at Reception Counter of TCP at 4th Floor, Block "B", Finance & Trade Centre, Shahra-e-Faisal, Karachi on **November 22, 2021 latest by 1130 hours.** Bids received through fax, cable, courier or any other means except as prescribed above shall not be considered. The bids received will be **opened on**

November 22, 2021at 1200 hours (thirty minutes after deadline for submission of bid) in the TCP Board Room in presence of bidders or their authorized representatives who may wish to be present.

b. The bidders are required to furnish the following documents alongwith their bids:

i. Name and address of the firm with telephone and fax numbers and e-mail address **(Principal Supplier)**.

ii. Certificate of membership of concerned recognized trade association or chamber as the case may be **(Principal Supplier)**.

iii. Company's profile and Name of Directors/Partners/Proprietor **(Principal Supplier)**.

iv. Name and address of Local Representative with telephone and fax numbers e-mail address, CNIC & NTN.

v. Previous experience of trade in bulk supply of Urea of at least **100,000 MT Urea** within last four years duly supported with bill of ladings confirming actual Shipment / Export, alongwith complete details of concerned shipping agents i.e. mailing address, e-mail, fax number, phone number etc, those who have issued Bill of Lading and documentary proof that the suppliers had supplied Urea to any country in the world within last **four** years and the same had been quoted in the following reputed Urea journals**:-**

i. Fertilizer Market Bulletin (FMB)
ii Ferticon
iii. Profercy

Supporting/Publication of relevant journal(s). Documents must be attached without which the bid will be declared non-responsive.

However this condition does not apply on prospective bidder who are urea manufacturers.

vi. Proof of registration with tax authorities **(Local Representative)**.

vii. An Affidavit on stamp paper of PKR 100/- to the effect that either the principal supplier/company or his local representative had never been black listed by TCP or any Government department/autonomous body.

viii. Financial status report about its financial standing and business integrity by the party's bank on its letter head **(Principal Supplier)**.

ix. Copy of the agreement signed between the principal and the Local Representative. The foreign based manufacturer can participate through a local representative by providing copy of such agreement as mentioned above.

i. All bids must be submitted on the prescribed proforma given at **ANNEXURE-I** along with original receipt of Rs.2000/- on account of purchase of tender documents in the name of Bidder or his authorized Local Representative or Pay Order/Bank Draft in favor of TCP for the equivalent amount.

ii. The tender documents can also be downloaded from official websites of TCP www.tcp.gov.pk and PPRA www.ppra.org.pk. However, in such case, cash receipt from TCP Cash Section or a Pay Order/Demand Draft for Rs.2,000 (Rupees Two Thousand Only) in favor of Trading Corporation of Pakistan, Karachi must be submitted along-with the bid.

iii. Bids must be submitted through Bidder's local agent or manufacturer directly or through his authorized agent and must accompany Bidder's (Principal's) authority letter in original on his letter head (or fax, to be replaced by original) duly signed and stamped, as per the attached Performa **(ANNEXURE-II)**, a copy of which shall be sent to G.M. (MA&ID). TCP also directly by the Bidder through fax (before opening of bids) as well as courier.

iv. The local agent of the bidder will be authorized to obtain tender documents, submit offers, negotiate and sign contracts and other documents on behalf of principal bidder. In case of litigation and/or arbitration between TCP & principal bidder, summons or any other legal process served on the local agent shall be admitted and held as valid as if served upon the principal bidder.

v. The Buyer reserves the right to split the quantity.

vi. The Buyer reserves the right to accept or reject any or all bids wholly or partially or counter the Bid(s) or bifurcate or increase/decrease the tender quantity as per PPR-2004.

vii. The interested parties who have not fulfilled their contractual obligation with TCP shall not be eligible to participate in the Bids, unless they clear their dues along with penalties or fulfill their contractual obligations in services and commodities with TCP, as the case may be, before tender opening date. Furthermore, the suppliers against whom black listing process has been initiated or they have been black listed by TCP are not eligible to participate.

6. BLACKLISTING:

All the papers/documents and the information furnished by the Principal Supplier and / or its Local Agent alongwith the bid and/or during the contract / tender execution must be genuine and true in the terms of their contents and that if established otherwise at any later stage during the processing of bid / execution of tender/contract, the Principal Supplier and/or its Local Agent will be liable to blacklisting attracted under TCP's Public Notice No.1 of 2010 dated September 03, 2010, besides other action that the corporation might deem fit to take. The affidavit on stamp paper of PKR 100/- must be submitted alongwith the bid, on the prescribed proforma given at **ANNEXURE-III** of Tender Terms.

7. BID EVALUATION CRITERIA:

i. Bids will be evaluated solely on basis of price subject to their conformity with terms & conditions of bid/tender document.

ii. The price published by Fertilizer Market Bulletin ('FMB') for the preceding week will be considered as guideline in terms of evaluation of the bids received.

iii. Letter(s) of Acceptance/award will be issued by fax as well as by courier to the successful Bidder(s) and/or his/their Agent(s) in Pakistan within the validity of offer.

8. COUNTRY OF ORIGIN:

a) "Country of Origin of Urea offered should be specifically mentioned in the Bid Form **ANNEXURE-I**. Bidder will give a certificate confirming the availability of stock".

b) The cargo (Urea) should not be originated from Israel or any other banned country.

9. VALIDITY OF BID(S):

Offers should be valid for **Twelve (12) Days** from submission of bids.

10. BID SECURITY:

a. Bid shall be accompanied by an original Bid Bond equivalent to **TWO percent (2%) of the CFR value,** in the form of a Demand Draft or Pay Order in US Dollars or in the form of Bank Guarantee (on prescribed form as at **ANNEXURE-IV**) in US Dollars. The amount of bid security equivalent to Two Percent (2%) of the CFR Value of the bid can also be remitted to TCP's foreign currency account No.PK93SIND0003321163612500 in US Dollars (Title: Trading Corporation of Pakistan (Pvt.) Limited in the Sindh Bank Limited, Karachi Administration Society Branch, Plot No.SA/90, Block 08, KACHS, Near Sitara Bakery, Karachi with a credit advice from the Sindh Bank to TCP (General Manager, MA&TD) prior to opening of the tender.

b. The bid security must be verifiable and en-cashable at the counter of issuing (in case Bid Security is issued by local banks) and verifiable and encashable at the counter of local confirming bank (in case Bid Security is issued by foreign bank) in Pakistan. TCP has right to request the confirmation and encashability from the confirming bank in writing at the time of bid evaluation.

c. Bid Security of the unsuccessful Bidder(s), including those whose Bid(s) is/are not accepted for any reason, will be returned to them within seven days of award of the tender.

d. **The Performance Guarantee shall be furnished within Four (04) working days from the award of contract.** However, the bid Security **(refer clause-10 hereafter)** of the successful bidder(s) would be considered as Performance Guarantee till submission of required Performance Guarantee within the stipulated period i.e. **04** (Four) working days **(refer Clause-12)**.

11. DOCUMENTS CONSTITUTING CONTRACT:

The IFB (Invitation for Bids), the Terms & Conditions of Tender and the Letter of Acceptance/Award issued by the Buyer shall constitute the Contract between the Buyer and the Seller. This is subject to signing of "Integrity Pact" by the seller immediately on award of contract as per the format at **ANNEXURE-V**. The contract will be valid till successful delivery of the goods and settlement of TCP claims by the supplier.

12. PERFORMANCE GUARANTEE:

a. Successful bidder will be required to furnish a Performance Guarantee, for due and satisfactory performance of the contract, equal to **Five percent (5%)** of the value of the contracted goods **(including +5% of MOLSO)** within **FOUR (04)working days** from award of contract, in the form of a Bank Guarantee from a Prime Bank to be furnished in the prescribed form **(ANNEXURE-VI)** in favour of Trading Corporation of Pakistan (Pvt.) Limited or in the form of a (Demand Draft) or (Pay Order) in US dollars. The amount can also be remitted to TCP's foreign currency account No.PK93SIND0003321163612500 in US Dollars (Title: Trading Corporation of Pakistan (Pvt.) Limited in the Sindh Bank Limited, Karachi Administration Society Branch, Plot No.SA/90, Block 08, KACHS, Near Sitara Bakery, Karachi with a credit advice from the Sindh Bank to TCP (General Manager, MA&TD).

b. The bidder(s) is required to furnish integrity pact in the prescribed form **(ANNEXURE-V)** alongwith the bid on letter head of the seller. The successful bidder(s) shall furnish L/C related information within **FOUR (04) working days** of the issuance of the award letter.

c. Satisfactory performance of the contract includes delivery of goods strictly according to the contract within the stipulated period of delivery at any port in Pakistan as designated by TCP and settlement of any/all claims under this contract/tender by both the supplier and buyer.

d. Information required for opening of L/C will be furnished by the seller (e.g. name of Advising Bank and/or negotiating Bank with complete address and port of loading) within **FOUR** working days after award of the tender or else if the delay is on the seller / suppliers part then the such delay shall be on seller's account and the date of shipment will be calculated from date of award instead of date of opening of L/C.

e. Bid Security of the successful bidder shall be forfeited without any notice if the successful bidder fails to furnish the required performance guarantee and/or information as per Clause-12(a) to (d) above.

13. FORFEITURE/RELEASE OF PERFORMANCE GUARANTEE:

a. The Buyer shall forfeit/encash the Performance Guarantee if the Seller:

- **i.** Fails to supply the goods within the specified period.
- **ii.** Commits any breach of contract or fails to fulfill any terms or conditions of the contract.

b. The Performance Guarantee will be released to the suppliers on successful and satisfactory execution of the contract. No claim shall lie against the Buyer in respect of interest on Performance Guarantee regardless of the time of its release.

c. The supplier will be required to submit "No Claim Certificate" in respect of the relevant tender/contract (refer clause-12c).

14. LETTER OF CREDIT (DOCUMENTARY CREDIT):

The Buyer shall establish in favour of the Seller an irrevocable Letter of Credit in US Dollars only for 105% of the value of contracted quantity through a scheduled bank in Pakistan after receipt of required Performance Guarantee alongwith the complete

information required for opening of LC from the Seller. The selection of L/C opening / issuing bank will be sole discretion of TCP and supplier must fulfill the requirements of L/C opening / issuing bank including compliance requirements for the purpose of L/C opening. The delay in furnishing the L/C information will be on sellers' account. L/C details must include information as at **Annex-VII**.

15. SHIPMENT/DELIVERY:

a. Shipment of 100,000 MTs 10% +/-, (MOLSO) shall be made within 4 weeks (excluding voyage time) from the date of opening of L/C. Shipment of a minimum of 50,000 M.T (or two shipments 25,000 MTs each) with +/-5% MOLSO, shall be made within two weeks (excluding voyage time), from the date of opening of L/C. The shipment of balance quantities will follow every week, with each shipment carrying not less than 25,000 MT with +/-5% MOLSO, beginning from the due date of first shipment (not including the **Seven (07)** days provided with late shipment penalty under clause-16).

b. Seller to intimate the nominated carrying vessel on fixing prior to ETA at load port.

c. Shipment(s) earlier than the schedule prescribed at "a." above will be appreciated. However, suppliers must ensure completion of shipment(s) as mentioned at 'a' above.

d. Any shipment beyond the shipment schedule at sr.(a) above, shall be subject to tender terms and conditions including penalties under clause No.16, 25, and 26, as the case may be. However, in case of delay in LC opening the same shall be dealt accordingly.

e. Buyer has the right to change / revise the shipments schedule according to the awarded quantity and port availability / situation etc., at the time of issuing the Award Letter or within laycan time.

f. In case L/C is delayed due to any fault of suppliers, the corresponding delay caused in shipment, if any, would be on sellers' account and subject to penalty(s) under tender terms and conditions.

g. For the purpose of determining shipment date, the "Sailing Advice" shall be used as source document.

h. Shipment meant from one to another load ports shall not be considered as shipment(s) to TCP, instead the shipment meant for final destination/discharge port shall only be considered as shipments to TCP.

16. LATE SHIPMENT PENALTY:

If the goods are not shipped within the contracted period, the Buyers will accept late shipment for a maximum period of **seven (07)** days subject to payment by the sellers of penalty @US$ 0.25 per metric ton per day. Any further extension will be at the sole discretion of buyer at seller's risk and cost to be determined by TCP. Late shipment

penalty should be counted from the date of shipment as mentioned in the sailing advice(s).

17. PRE-SHIPMENT INSPECTION:

a. The Buyer will appoint an internationally recognized Pre-Shipment Inspection Agency (PSIA) from its panel. The cost of inspection, sampling, testing, etc. and PSIA fee shall be borne by the seller.

b. The Seller shall, on receipt of L/C from the Buyer, offer to the Buyer's nominated PSIA, the stocks as per shipment schedule and also shall ensure PSIA accessibility to the stocks for inspection, sampling, testing, etc.

c. The PSIA shall draw required number of representative samples jointly with the Seller and other attending agencies, in accordance with the international trade practice, prior to loading of cargo tendered by the seller for shipment. Seller will load the cargo on vessel after receipt of quality certificate duly supported with Lab test reports/results from PSIA. Guidelines for pre-shipment inspection are at **Annexure – VIII**.

d. The PSIA shall allow sailing in writing after ensuring that cargo is as per specifications provided in the tender alongwith a clear mention that sealing of the cover of the holds/hatches of the respective vessel are properly sealed/air tight.

18. AGE OF VESSEL:

The seller shall ensure that the goods are shipped on a geared vessel classed not lower than Lloyds 100 A1 or an equivalent class in the classification of any other recognized classification society. The vessel shall not be over fifteen (15) years of age. A vessel over 15 years of age but not exceeding twenty five (25) years would be acceptable provided it has established and maintained a regular pattern of trading on an advertised schedule to load and unload at specified ports. Proof of such advertisement schedule should be dated prior to the date of shipment. In the event of vessel being over 15 years, Seller should pay overage insurance premium as per Lloyds of London scale or to be adjusted from the L/C, directly by the bank, at actual, as per NICL's invoice. The vessel on its last voyage prior to ship-breaking will not be acceptable, under any circumstances.

19. TERMS OF SHIPMENT ON C&F FREE OUT BASIS:

i. Seller to notify to TCP immediately at least five (5) days prior to ETA at load port the nomination of carrying vessel along with the name of load port for getting it accepted by TCP.

ii. The cargo to be discharged at the average rate of 2500 MT at any port in Pakistan as designated by TCP per weather working day (PWWD) of 24 consecutive hours based on minimum number of five hatches and minimum four cranes / derricks of minimum 25 M/Tons. Sundays and Holidays excluded even if used. Time from noon Saturday or 1700 hours on a day preceding a legal or port holiday until 0800 hours next working day not to count even if used. If detained longer, receiver to pay demurrage @ USD 7,000 (Seven thousand

US Dollars) per weather working day and prorate for any part of the day. Dispatch money, if any, shall be paid by the Seller to Receiver at half the demurrage rate for all the time saved. Lay time at discharge port shall commence 24 hours after the notice of readiness has been received in writing in original in the office of receiver on working days from Monday to Friday between 0900 hours to 1700 hours. NOR through fax, email or any other mode except mentioned above shall not be treated.

iii. Seller shall advise G.M. (D&POD), TCP by email address: tcpitcell@gmail.com, Khizarprotcp@yahoo.com and sheerazocp@gmail.com and by fax no. (0092-21) 99202731, 99202722, 99202731 & National Insurance Corporation, Karachi by cable care NAINSOUTH and by fax no. (0092-21) 99225864, 021-99225075 (or any other insurance company nominated by the buyer) about sailing of the ship from the load port, the quantity of cargo loaded, name of the ship and address of the local agent of vessel and ETA discharge port within two (2) working days from the date of sailing.

iv. Trans-shipment not allowed.

v. Vessel not to load any other cargo/consignment(s).

vi. Buyers nominated agent to be appointed by the sellers/shipowners paying customary agency fee, together with port charges/ vessel expenses at discharge port.

vii. Delivery of cargo to be allowed against indemnity bond of P & I Club on Buyer's letterhead in lieu of original Bill(s) of Lading. The Tally Room of the vessel shall be accessible to the Buyer and his Surveyor as well as his Handling Agent.

viii. The vessel carrying the cargo should not have the flag of the Israel.

ix. The Bill(s) of Lading shall be issued by a person authorized by the Ship-owner/Master of the vessel. Any other bill(s) of lading will be considered null and void. Stale Bill of Lading is not acceptable.

x. Buyer shall not be bound by the charter party if it is at variance with the terms of the contract between the Buyer and the Seller. In such case, the terms & conditions of tender and contract between Buyer and Seller shall prevail.

xi. Geared vessels only bulk carrier is acceptable but twin decker is not acceptable.

xii. Seller will arrange ocean transportation through one or more bulk carrier vessels for awards made on the basis of minimum lot for the contracted quantity. Shipment(s) shall be on C&F Free Out basis.

xiii. Seller must notify the Buyer promptly of vessel nomination. The Seller shall indicate and submit to the Buyer, upon nomination, the vessel's name, IMO Number, flag, age, P & I valid membership with full style of P & I, ISM certificate, classification society and registry certificate, number of hatches and holds, number and capacity of cranes/derricks and gears, full styles/contact details of head-owner, despondent owner & operator and also mention the name of loadport and lay can (Laycan) should not be more than seven days).

xiv. The Seller or his agent in Pakistan will be required to coordinate with the Buyer for all matters relating to shipment(s) of commodity and will keep Buyer informed by fax about vessel's position and status of loading operations.

xv. Seller to provide Buyer ten (10) days, seven (7) days, 96 hours, 72 hours, 48 hours and 24 hours pre advice of vessel ETA at discharge port.

xvi. Substitute of performing vessel to be accepted by the Buyer provided that the substitute vessel's ETA at discharge port is not later than that of the originally nominated vessel.

xvii. Vessels to be in free pratique. Laytime will not commence till clearance and vessel comes in free pratique.

xviii. Discharging at one or two safe berths at any port in Pakistan as designated by TCP with cost and shifting time on Ship owner's account, even if vessel is under demurrage. Time lost in shifting of vessel from berth(s) to berth(s), vessel adjustment time lost on the same berth as per requirement of Port Authority and shifting time from outer anchorage to berth will not be counted towards lay time even if vessel is under demurrage. Any/all dockage quay and/or port dues/charges are to be paid by Ship owner.

xix. Master of the vessel And/Or local shipping agent shall notify Receiver (Buyer) by cable or fax and email tcpitcell@gmail.com and Khizarprotcp@yahoo.com and sheerazocp@gmail.com ten (10) days, seven (7) days, 72 hours, 48 hours and 24 hours in advance confirming vessel arrival time of discharge port of Pakistan. Any variation of 12 hours or more in the arrival time requires an additional notification by fax/cable. All port charges including tax on vessel shall be paid by ship owner at the Discharge Port.

xx. First opening of Holds/Hatches not to be counted towards lay time.

xxi. The first port of discharge (after sailing of the vessel from load port) will be any port in Pakistan as designated by TCP, After arrival and registration of vessel at designated port in Pakistan, the vessel shall not sail for any other port, prior to completion of discharge of buyer's cargo at the designated port.

xxii. The vessel's voyage Log Book to be accessible to the Buyer's representative at discharge port.

xxiii. Ship owner must fully abide by all regulations and orders of port authorities.

xxiv. The vessel to allow work at all times of the day or night. The owners to guarantee gear tested not more than one year prior to readiness.

xxv. The vessel to supply, free of expense to the receiver, light for night work and power to drive winches, derricks or hydraulic cranes of **25 tons** capacity, **grabs** and bagging plants. The vessel also to supply fresh water for stevedores free of expense. Any time lost by reason of breakdown of the vessel winches, Power and/or derricks not to count.

xxvi. No cargo to be loaded in the deep tanks, alleys and inaccessible places. If loaded, unloading time not to count. All damages to ship due to discharging from deep tanks will be owners liability. Damages, if any, to ship during course of discharge to be settled directly between owners and party concerned at port.

xxvii. The Seller will airmail Charter Party before arrival of vessel at Karachi and also send the soft typed copy of charter party on email tcpitcell@gmail.com and Khizarprotcp@yahoo.com, sheerazocp@gmail.com and mahm_pk1@gmail.com

xxviii. Owners will be responsible for meeting all specifications and port restrictions of LOA / beam / draft / flag / gear / ISPS.

xxix. In case of damaged cargo, the cost of damaged cargo and resultant duties and extra stevedoring charges plus extra cost, if any, will be at owners' cost and same be paid prior to sailing. Time used for discharging of damaged cargoes shall not be counted towards laytime. Only the time used for unloading of sound cargo will be counted towards laytime.

xxx. No cargo shall be loaded through barges.

xxxi. In case of any slow discharge due to overage vessel or slow moving cranes / gears ,TCP reserve the right to reduce rate of discharge on the basis of joint survey report.

20. INSURANCE:

a. The goods will be insured by the Buyer. The Seller shall, immediately within twelve(12) hours of sailing of the vessel to Pakistan, through fax/e-mail inform the Buyer (**Fax nos. (0092-21) 99202722 & 99202988 and e-mail: tcpitcell@gmail.com, sheerazocp@gmail.com and khizarprotcp@yahoo.com), the National Insurance Corporation, NIC Building, Abbasi Shaheed Road, Off Shahrah-e-Faisal, Karachi (fax nos.(0092-21) 99202764 and 99202723)** or any other insurance company nominated by the Buyer and the opening bank the following details of shipment:-

   i. Name of vessel.
   ii. Sailing date.
   iii. Port of shipment/loading.
   iv. Invoiced quantity and value of the goods, Bills of Lading wise.
   v. ETA of vessel at Discharge Port in Pakistan

b. This will be followed by airmail or courier advice accompanied by a copy of each of the related Invoices and Bills of Lading. Number of the open Policy Cover supplied to the Seller by the Buyer shall be quoted in commercial invoice.

21. POST LANDING SURVEY:

i. In case of any damage to the cargo or any shortages found at discharge port/station during joint survey, the claim shall be lodged by the Buyer on the Ship-owner.

ii. The supplier shall facilitate the settlement between Buyer and the Ship-owner.

iii. The discharging shall be allowed to commence by Buyer's Surveyor on completion of port formalities under intimation to General Manager (D&POD) TCP, Karachi.

22. PAYMENT:

a. The Letter of Credit shall be negotiable at sight for hundred percent (100%) invoice value on presentation of following documents only, within five (05) Pakistan working days after receipt of original documents at issuing bank counter without discrepancy: -

i. Seller's Invoice.

ii. Full set of clean shipped on board Charter Party Bill of Lading (comprising not less than three/03 originals) drawn or endorsed to the order of Opening Bank showing "**FREIGHT PREPAID**" and marked notified party (name of applicant party alongwith full address) and opening bank.

iii. **Certificate of Quality** issued by the exporter/seller/prime-producer indicating the month and year of production.

iv. **Certificate of Pre-Shipment Inspection regarding Quality and Quantity/Weight** by the PSIA nominated by the Buyer.

v. **Certificate that Urea is free from harmful substance**, issued by the producer/exporter/Seller.

vi. **Certificate of Origin** issued by manufacturer/exporter and countersigned by a Chamber of Commerce of country of origin.

b. Negotiation of documents under reserve is not acceptable.

c. T.T. reimbursement, if desired, will be allowed at Seller's cost.

d. Bank charges outside Pakistan, if any, to be borne by the Seller.

e. All bank charges in Pakistan connected with opening of L/C, increasing its amount and also all bank commission connected therewith, will be for the Buyer's account. In case any amendment or extension in L/C is desired by the Seller, the expenses shall be for the Seller's account.

f. In case it is desired that L/C be cabled to the beneficiaries it can be done by the Buyer at the cost of the Seller.

g. If L/C is required to be confirmed by any bank, such confirmation can also be arranged provided the bank charges involved are paid by the Seller.

h. Shipping documents must be presented within the validity of letter of credit.

i. L/C to be valid for the negotiation for 30 days after shipment.

23. DELIVERY OF DOCUMENTS:

a. The Seller shall send by courier to the General Manager (D&POD) Trading Corporation of Pakistan Limited, 4th Floor, Block "B", Finance & Trade Centre, Sharea Faisal, Karachi, five sets of non-negotiable documents. The Seller shall also ensure that these documents are actually delivered to the Buyer at least five days before the arrival of vessel in Karachi.

b. The Seller shall ensure that original shipping documents presented to the negotiating bank are received by the L/C opening bank in Pakistan before the arrival of the vessel. If the documents are not received by Pakistani bank concerned before the ship's arrival, the Seller would deliver the consignment to Buyer against Buyer's own guarantee(s) *as per clause 19(xiii)* and instruct the Ship-owners and the Shipping Agents concerned accordingly.

24. FORCE MAJEURE:

a. Should any of the force majeure circumstances, namely Acts of Allah, natural calamity, fire, government restrictions, strikes or lock-outs by workmen, war, military operations of any nature and blockades preventing the Seller/Buyer from wholly or partially carrying out his contractual obligations, the period stipulated for the performance of the contract shall be extended for as long as these circumstances prevail, provided that, in the event of these circumstances continuing for more than Two months, either party shall have the right to refuse to fulfill its contractual obligations without title to indemnification of any losses it may thereby sustain. The party unable to carry out its contractual obligations shall immediately advise the other party of the commencement and the termination of the circumstances preventing the performance of the contract.

b. Seller is to be entirely responsible for obtaining and maintaining in force any necessary export licenses if required. Failure to obtain and to maintain in force such license shall not be sufficient grounds for Force Majeure.

c. A certificate issued by the respective Chamber of Commerce of the Seller or the Buyer's country shall be acceptable proof of the existence and duration of such circumstances.

25. DAMAGES:

a. If the goods are not shipped within the contracted period of shipment, the Seller shall be liable to pay to Buyer on demand without any question whatsoever, damages on account of extra expenditure, loss of revenue or loss of industrial/agri production in the Buyer's country and loss of other benefits to the Buyer. The quantum of such damages will be determined at the sole discretion of Buyer.

b. The buyer reserve the right to reject the consignment / vessel or claim damages, if any contravention of the tender terms and conditions is found on the seller's part.

26. CANCELLATION OF CONTRACT:

If the Seller fails to ship the goods within the specified delivery period for any reasons other than Force Majeure, the Buyer shall be entitled, at his option, to cancel the contract and recover the damages, besides forfeiture/encashment of Performance Guarantee. The Buyer shall not be held liable to any risks and costs whatsoever in consequence of such cancellation of the contract.

27. ARBITRATION:

Any difference or dispute or liability of whatsoever nature arising out of the contract or in any way relating to the contract or to its construction or fulfillment should be settled as far as possible, amicably between the Buyer and Seller. Should the parties fail to come to an amicable settlement the same shall be referred to the award of Arbitrators to be nominated one each by the Seller and the Buyer within fifteen days of notice from either side or in the case of the said Arbitrators not agreeing, then to the award of an Umpire to be appointed by the Arbitrators in writing prior to proceeding with the arbitration. The decision of the Arbitrators or the Umpire, as the case may be, shall be final and binding on both the parties. The arbitration shall take place at Karachi, under Pakistani Law of Arbitration Act 1940.

28. CONFIDENTIALITY:

The terms and conditions of this contract shall remain strictly confidential to the parties unless both parties agree otherwise.

ANNEXURE-I

TRADING CORPORATION OF PAKISTAN (PRIVATE) LIMITED

BID FORM FOR INTERNATIONAL TENDER NO.TCP/MA&TD/UREA/21-1/2021 DATED 22-10-2021 FOR IMPORT OF 100,000 MT UREA

1. **Name & Address of Bidder:** _____

   Telephone: _____

   Fax: _____

   Email: _____

2. **Name & Address of Local Agent in Pakistan:** _____

   Telephone: _____

   Fax: _____

   Email: _____

3. **Country of Origin:** _____

4. **Price in C&F** **US$ _____(In words)_____PMT C&F any port in Pakistan as designated by TCP.**

	GRANULAR	PRILLED
5. Quantity of Urea offered:		
6. Availability of stocks in the country of origin confirmed by Seller:	Certificate to this effect enclosed	Certificate to this effect enclosed

7. **Amount of Earnest Money:** **USD**_____

   c. Pay Order/Demand Draft/ Bank Guarantee/Standby L.C. No. & Date: _____

   d. Drawn at / issued by: _____

8. **We shall abide by all the terms and conditions of the tender.**

Signature: _____
Name: _____
Designation: _____
Date: _____
Stamp: _____

ANNEXURE-II

(To be printed on the letterhead of the Bidder)

REPRESENTATIVE AUTHORITY LETTER

We hereby certify that M/s _____ with their head office located at _____ have been appointed to act as our Representatives for TCP Import Tender No.TCP/MA&TD/Urea/21-1/2021 dated October 22, 2021 and given full authority to purchase tender documents, submit offers, negotiate and sign contracts and other documents on our behalf.

2. In case of any litigation and\or arbitration between TCP and us, summons or any other legal process served on the above Representative shall be admitted and held as valid as if served upon us.

_____

_____

<Name>
Designation authorized One

<Name>
Designation Authorized Signatory Two

ANNEXURE-III

ON STAMP PAPER OF PKR.100/-

AFFIDAVIT

I/We_____ son/daughter/wife of _____, resident of/having office at _____, Holding CNIC bearing no. _____ and passport bearing no. _____ .

1. That all the papers/documents and information furnished to the Trading Corporation of Pakistan (Pvt) Limited, Shahrah-e-Faisal. Karachi (TCP) in Tender No.TCP/MA&TD/Urea/21-1/2021 dated October 22, 2021, are true and genuine. If, at any time, any information or document is found false or incorrect, I/We shall be liable for blacklisting under TCP's Public Notice No. 1 of 2010 dated 3rd September 2010, besides any other action which the TCP may take under the law.

2. That whatever is stated above is true and correct to the best of my/our knowledge and belief.

DEPONENT(S)

Messrs_____

_____

_____

Official Stamp

Solemnly affirmed before me on this _____day, by the deponent(s) named above with whose identity I am satisfied on the basis of his/her/their CNIC/passport.

COMMISSIONER FOR TAKING AFFIDAVITS

ANNEXURE-IV

BANK GUARANTEE FORM IN RESPECT OF EARNEST MONEY
(To be furnished on Stamp Paper of appropriate value)

The Trading Corporation of Pakistan (Pvt.) Limited,
Finance & Trade Centre,
Sharea Faisal,
Karachi.

M/s. _____through their Representative _____(hereinafter called the Tenderers) are submitting their offer against Tender No.TCP/MA&TD/Urea/21-1/2021 dated October 22, 2021 and have requested us to issue a Bank Guarantee for an amount of Rs._____in your favour as earnest money to ensure their compliance with conditions of the Tender.

2. Therefore, we hereby agree to make an unconditional payment of Rs. _____ (in words)_____ to you on demand without any further question or reference to the Tenderers on the Tender's failure to fulfill the terms of the tender. The sole judge for deciding whether the tenderer has failed to fulfill the terms of the tender shall be Trading Corporation of Pakistan (Pvt.) Limited.

3. This Guarantee is valid upto **. In case the tenderers are awarded a contract for supply of goods as per Tender quoted above, the Guarantee will remain in custody of TCP upto the date of furnishing of an acceptable performance bond on TCP's prescribed form.

4. Claim if any must reach us in writing on or before the expiry date after which we will no longer be liable to make payment to you.

5. Our liability hereunder is limited to Rs._____.

Name of Bank_____
Address_____
_____

SIGNATURE
AUTHORIZED OFFICER OF THE BANK

** **Two** months from the date of opening of tender.

INTEGRITY PACT

Declaration of fees, commission and breakage etc payable by the suppliers of goods, services, and works.

[the Seller/Supplier] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan or any administrative subdivision or agency thereof or any other entity owned or controlled by it (TCP, Ministry of commerce, Government of Pakistan) through any corrupt business practice.

Without limiting the generality of the foregoing, [the Seller/Supplier] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, Representative, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or including the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from TCP, Ministry of commerce, Government of Pakistan, except that which has been expressly declared pursuant hereto.

[the Seller/Supplier] certifies that it has made and will make full disclosure of all agreements with all persons in respect of or related to the transaction with TCP, Ministry of commerce, Government of Pakistan and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[the Seller/Supplier] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to TCP, Ministry of commerce, Government of Pakistan under any law, contract or other instrument, be voidable at the option of TCP, Ministry of commerce, Government of Pakistan.

Not with standing any rights and remedies exercised by TCP, Ministry of commerce, Government of Pakistan in this regard,

[the Seller/Supplier] agrees to indemnify TCP, Ministry of commerce, Government of Pakistan for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to TCP, Ministry of Commerce, Government of Pakistan in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by [the Seller/Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from TCP, Ministry of commerce, Government of Pakistan.

ANNEXURE – VI

TRADING CORPORATION OF PAKISTAN (PVT) LIMITED
4th Floor, Finance & Trade Centre, Sharea Faisal, Karachi

FORM OF PERFORMANCE BOND
(To be furnished on stamp paper of appropriate value)

Whereas the Trading Corporation of Pakistan (Pvt.) Limited, Block-B, 4th Floor, Finance & Trade Centre, Sharea Faisal, Karachi (hereinafter referred to as the "BUYER") has accepted offer for the supply of _____ metric tons of Urea to be made by M/s._____ (hereinafter referred to as the "SELLER") on the terms and conditions governing the respective contract.

2. AND whereas the Seller has requested us **through the Bank** to issue a Guarantee for an amount of USD_____U.S. Dollars_____(in words)

3. NOW, therefore, in consideration aforesaid, we the _____ Bank Limited, hereby undertake and guarantee due performance of the contract by the Sellers in all respects and we unconditionally and absolutely bind ourselves to the following:

i. To make payment of US Dollars _____ to the Buyer, or as directed by the Buyer on the date of their receipt of demand in writing without any question whatsoever.

ii. To keep this guarantee valid and in force for One (01) month after execution of contract including settlement of all claims.

iii. To extend this guarantee for such further period or periods as may be required by the Buyer at the Buyer's sole discretion, five days before the expiry of the validity date.

4. We understand that this guarantee is unconditional and that the sole judge for deciding whether the Seller has performed the contract No.TCP/MA&TD/Urea/21-1/2021 dated October 22, 2021 and fulfilled the terms and conditions of the contract, will be the Buyer.

5. We further understand that any grant of time or indulgence to the Seller without reference to us shall not in any manner absolve us from liability to make payment to the Buyer as stipulated under this Guarantee.

6. Our commitment under this guarantee is limited to an amount of USD_____ US Dollars _____(in words).

7. This guarantee is valid for 90 days.

SIGNED _____
DATED _____
PLACE _____
(A first class scheduled Bank of Pakistan)

Also confirm the supplier and shipper details for each counter party and country of shipment separately.

Complete Applicant Name –
Complete Applicant address –
Complete Beneficiary Name –
Complete Beneficiary address –
Name of the Country –
Port of shipment –
Port of discharge –
In case if shipment is to be made from country other than mentioned above
· Name of the country
· Complete name of the Shipper from port of shipment
· Port of shipment (mention any other ports involved)
All Banks involved (Applicant. Beneficiary, Accepting, Negotiating, Advising or any other banks involved etc.)
Trade Product
Description of goods and their usage & Origin
Amount and Currency

1. **JOB DESCRIPTION OF PSIA:-**

i. GENERAL.:-

a. Upon receipt of award letter from TCP for supply of commodity, the seller will require to coordinate immediately with TCP's nominated PSIA and offer/tender the cargo to PSIA for inspection well before arrival of the vessel.

b. Seller shall be responsible to arrange the accessibility of PSIA to the cargo and seller shall provide the following documents to PSIA on immediate basis:-

i) Copy of TCP's import tender.

ii) Copy of L/C.

iii) Copy of Ship Particulars.

iv) Copy of Vessel acceptance letter issued by TCP.

v) Any other document, if required by PSIA or instructed by TCP.

c. On completion of loading the PSIA will issue the following documents:-

i) Certificate of Quality against specifications as per TCP's import tender/contract.

ii) Certificate of Quantity by shore figures.

iii) Certificate of Quantity as per draught survey.

ii. INSPECTION OF CARGO: -

a. The cargo to be tested by PSIA under method as prescribed in the PSQCA standards or as prescribed in the TCP's relevant import contract. The sampling and testing of cargo / commodity should be done in accordance with the international standard, from internationally recognized foreign laboratory also approved from the respective Government. Samples should be drawn in the presence of supplier/exporter and samples should be sealed by the supplier/exporter.

b. The results should be received by PSIA before the commencement of loading and after having entire satisfaction regarding quality in all respect, the PSIA shall allow to load the cargo in vessel. It must be noted that if the test analysis of cargo in bin / silo / godown referred above does not conform to the prescribed specifications, the loading of cargo / commodity is not to be permitted in any circumstances.

c. PSIA should draw five sets of samples jointly with the supplier / exporter from each bin / silo / godown separately from which the cargo/commodity to be loaded for analysis and for one set of sealed samples tested by a reputed, independent, government approved laboratory, one sample to be delivered to supplier / exporter, one sample to be depsatched to TCP through vessel and two samples to be kept in record for at least one year.

d. The PSIA should cover the points mentioned in the tender Terms & Conditions.

e. During loading, five representative samples of adequate weight / quantity of the cargo / commodity loaded into each hatch be drawn from a suitable location. These samples should be sealed and stamped and signed by the master of the vessel. Three sets each of sealed

samples should also be handed over to the Master of the vessel against receipt for delivery to TCP at Karachi. One set of sealed samples should be handed over to the suppliers and one set be retained by them (Pre-shipment Inspectors) for subsequent test.

f. If required, the PSIA will instruct supplier/exporter for provision of vessel's paper before commencement of loading and seller shall be responsible to arrange the same as per PSIA's instructions.

g. The PSIA should ensure that the loading has been done directly from bins / silos / godowns into holds/hatches of the vessel. A certificate to this effect should be incorporated in the PSIA report.

h. If required, PSIA shall witness/supervise the fumigation of holds after completion properly and issue the certificate. The fumigation material will be provided by supplier/exporter.

i. PSIA will seal the holds after loading and issue seal certificate, duly endorsed by the Master of the vessel.

j. If required, the PSIA will also check and certify the packing material in accordance with PSQCA method & standards or as prescribed in the import contract/tender.

k. Any/all charges/expenses for testing/checking of rejected cargo shall be on account of seller.

iii. <u>INSPECTION OF VESSEL: -</u>

a. The PSIA should carry out draught survey, condition survey, holds' inspection, holds' tightness inspection / survey and all other necessary survey / inspections at berth, if vessel is found ready in all respect then PSIA shall issue the fitness certificate that the vessel is fully fit and suitable to load the intended cargo. In case of any fault or finding of sub standard, the vessel will never be allowed by PSIA to load the cargo. In case PSIA feel that the vessel is not suitable to carry the TCP's cargo/consignment, PSIA can reject the vessel with sufficient justification/report.

b. The PSIA should check the Ship certificates, voyage book, age, and condition prior to issuance of the fitness certificate.

c. If supplier/exporter need to get checked the vessel from PSIA at off-port/outer, the extra charges for boat, permissions etc., shall be borne by the supplier/exporter

d. PSIA will verify the age of the vessel in accordance with TCP's import tender/contract, class Lloyds 100 AI or equivalent class of any other internationally recognized classification society.

e. PSIA will examine the ship's certificates to ensure their validity, and the validity / expiry dates to be stated in the PSIA report.

f. PSIA will check the Cargo Gear Book for examination and validity and also check the last port control report.

g. PSIA will examine the International Safety Manual and Report and ensure that the vessel's P&I cover is current and valid for any kind of damage in accordance with the Bill of Lading.

h. All ballast tanks in way of the cargo holds to be tested completely full, pressure tested by overflowing on deck.

i. PSIA will check that all bilges to be clean and dry and tested for their good working order.

j. PSIA will get undertaking from Master that the vessel is not on its last voyage prior to demolition and the vessel meets the parameters prescribed by the discharge port authority.

k. PSIA will check and ensure that all hatch covers are properly battened down, in seaworthy condition, with all cleats closed, to be hose or ultrasonic tested for tightness.

l. PSIA shall carry out a draught survey to confirm the quantity loaded by shore figures.

m. PSIA shall ensure and certify that all cargo spaces, overhead beams, frames and brackets to be: -

i) Free from remains of last cargoes,

ii) Free from rust and loose scale,

iii) Free from infestation,

iv) Dry, clean and free from odors,

v) Other certificates / confirmation as per requirement of import contract and as mentioned in this terms & conditions.

n. The vessel should allow sail after verification by PSIA that:-

i. Proper airtight sealing of the covers of the holds/hatches of the vessel has been made.

ii. Vessel holds were duly examined prior to commencement of loading for being of the clearly clean, dry free from insects and infection and suitable to maintain quality of Urea.

iv. <u>Payment:-</u>

a. Payment of PSIA charges including testing charges for accepted lots/samples as per TCP's import tender.

b. Payment of PSIA charges including testing charges for rejected lots/samples shall be on account of seller.