



**GOVERNMENT OF PAKISTAN
PAKISTAN ORDNANCE FACTORIES
TENDER ENQUIRY**

To,

M/s _____

Dear Sirs,

Reference: **TENDER ENQUIRY NO. 5167-68 -LP-CAPT-P782** Dated: **27- 03-2019**

You are requested to submit quotations for the item(s) noted in the Schedule to the Tender. Offer should be sent duly sealed in an envelope. Please note the following instructions for filling the tender:-

1. **SUBMISSION OF TENDER**

- 1.1 Tenders will be opened at **1200 Hours** on **25-04-2019** at Room No. 01, Bid Center near Rabta Hall POF Wah Cantt and must reach this office on or before **1130 Hours** upto due date. The tender received late will not be entertained. You may witness the opening of the tender if you so desire. If a representative is deputed, he should bring a letter of authority from you.
- 1.2 Only one tender should be included in one envelope. The outside of the envelope should be inscribed with:-
Tender Enquiry No: **5167- 68 -LP-CAPT-P782, dt. 27-03-2019**
Tender to be opened on: **25-04-2019**
Address as follows: **ROOM NO. 01, BID CENTER NEAR RABTA HALL
POF WAH CANTT**
- 1.3 If envelope does not indicate reference of TE or received late the same may be returned unopened.

2. **GENERAL INSTRUCTIONS REGARDING PREPARATION OF QUOTATIONS**

- 2.1 For materials, the prices should be filled in column 5 and delivery date in column 6 of the schedule to this Tender Enquiry. The undertaking should be signed at the bottom of the Schedule which shall form the Quotation. You may use a separate sheet if necessary.
- 2.2 For Plant and Machinery, you are required to quote in two parts:-
Part I "Technical Offer": It should exclusively give technical details and literatures/brochures of the offered plant, machinery and equipment, validity date, delivery schedule, and signed undertaking given on the schedule to this Tender Enquiry. It must not indicate price, costs etc.
Part II "Commercial Offer" It should indicate the commercial terms e.g. price, terms of payment, mode of payment, mode of supply. Each part should be placed in a separate sealed cover. The envelopes should be inscribed with: Part I "**TECHNICAL QUOTATION WITHOUT PRICE**" and Part II "**COMMERCIAL QUOTATION WITH PRICE.**"
- 2.3 The quotation must remain valid for, at least 90 days from the date of opening of tenders.
- 2.4 The quotation should hold good for any reduced or enhanced quantities without notice.
- 2.5 In the event of non-acceptance of offer, intimation may be given to the Tenderer on their request.

- 2.6 Conditional offers or alternative offers are likely to be ignored.
- 2.7 **Quotations should be based on:-**
F.O.R station of Dispatch basis, i.e. Delivered free on rail, inclusive of packing and forwarding charges. The stores will be booked under Military Credit Note, to be provided by the purchaser.
and/or
Free delivery at POF stores at POF Sanjwal
In this case Octori duty will be payable by the supplier.
- 2.8 Taxes and Duties etc. where applicable, must be shown separately, quoting reference to Registration No. in cases of Sales Tax and relevant authority in the case of others. Offer without these clarifications and inclusive of Taxes and Duties may be ignored.
- 2.9 Taxes and duties levied on or after Tender opening date or on or after the date offer was signed and dispatched will be allowed to include in the offered rates.
- 2.10 "Suppliers will furnish a certificate, issued by Excise & Taxation Deptt that he has cleared all Professional Tax payable by him" offers received without this certificate will be rejected.
- 2.11 Suppliers will render necessary information regarding hazardous effects on environment, of the materials/products supplied by them, in their quotations and shipping/dispatch documents.
- 2.12 If the requisite information is not furnished on the TE forms or offer received is not conformity with the requirement of the TE, such offer shall be ignored

3. INSPECTION

- 3.1 Supplies shall be subject to the inspection and acceptance by the competent inspection authority nominated by the Purchaser, who will arrange it at his own cost. Inspection facilities such as tools, test equipment, instruments etc will, however, be provided by the Suppliers in accordance with the relevant specifications.
- 3.2 Where considered necessary by the Purchaser, stores may be obtained on Warranty/Guarantee, subject to inspection on receipt. Rejected stores will be removed and replaced with the acceptable stores by the Supplier at his own expense, within a specified time.

4. TENDER FEE

The tender must be accompanied by a non-refundable fee by means of a crossed postal order/pay order for Rs 500/- in favor of Director Admin POFs Wah Cantt.

4.1 TENDER SAMPLE

Where required, offer must a company tender sample, strictly according to the description and specification given in Tender Enquiry. Offer not accompanied by tender sample will NOT be entertained excepting the established and reputable firms who have either previously satisfactorily supplied the same or similar stores or have submitted an acceptable sample thereof against previous TE.

5. BID MONEY

- 5.1 Bid Money at the rate of 2% (for registered firms) and 5% (for unregistered firms) of the quoted value should accompany the tender in the shape of Deposit at Call Receipt/Pay Order/Banker's cheque, from a scheduled Bank drawn in favor of General Manager concerned purchase.
Tenders received without Bid Money shall be rejected.
- 5.2 Bid Money of the unsuccessful tenderer will be returned as soon as the scrutiny of the tenders is completed. Bid Money of the successful tenderer will be retained until the contract is finalized. Bid Money will be forfeited in case the quotation is withdrawn before the expiry of its validity date.
- 5.3 State owned organizations are not required to provide Bid Money.

6. ACCEPTANCE OF OFFERS

- 6.1 The procuring agency may reject all bids or proposals at any time prior to the acceptance of a bid or proposal. The procuring agency shall upon request communicate to any supplier or contractor who submitted a bid or proposal, the grounds for its rejection of all bids or proposals, but is not required to justify those grounds.
- 6.2 Procuring agency shall incur no liability, solely by virtue of its invoking sub-rule (1.1) towards suppliers or contractors who have submitted bids or proposals.
- 6.3 Notice of the rejection of all bids or proposals shall be given promptly to all suppliers or contractors that submitted bids or proposals.

7. PERFORMANCE BOND

- 7.1 The successful bidders shall provide Performance bond at the rate, prescribed by POF Board according to the value of contract which shall not exceed 10% of contract value, in the form of a Deposit At Call Receipt from a scheduled Bank; or, an un-conditional Bank Guarantee valid for 12 months (03 months extendable to 12 months in case of cloth items required by Clothing Fy.) after receipt of store in POFs on a prescribed format. The Performance Bond will be in favor of CMA POF Wah Cantt. It will be returned on satisfactory completion of the contract.
- 7.2 If the Supplier fails to furnish the Performance Bond within the specified time, such failure will constitute a breach of the contract and the Purchaser shall be entitled to make other arrangements for purchase of the stores at the risk and expense of the Supplier.
- 7.3 Performance Bond from State owned organizations may be waived off at the discretion of the Purchaser.

8. FAILURE TO SUPPLY THE STORES

All deliveries must be completed by the specified date. If the failure to deliver the stores within the scheduled time should have arisen from "Force Majeure", which the Purchaser may admit as reasonable ground for further time, he will allow such additional time as he may consider to have been required by the circumstances of the case. Otherwise, he will be entitled, at his discretion, to cancel the contract; and/or, claim liquidated damages upto 2% but not less than 1% of the contract price of the items and their quantities for each and every month or part of a month, beyond the specified delivery date, during which these may not be delivered, subject to a maximum of 10% of the total contract value of the particular stores which remained unsupplied either in part or in full: or, to purchase, from elsewhere, the unsupplied stores at the risk and cost of the Supplier.

9. PAYMENT

- 9.1 Payment will be made by the CMA (POF) through crossed cheque on receipt/acceptance of stores on our prescribed bill form supported by receipt voucher on part/full supply basis.
- 9.2 Payment of duties /Taxes including professional tax (where applicable) must be supported by proof of having paid these to concerned Govt. Taxation Deptt.

10. SECURITY OF INFORMATION

The tenderer and his employees must not communicate any information relating to the sale/purchase of stores under this enquiry to any person other than the manufacturer or to any press or agent not authorized in writing by POFs to receive it. Please return the Schedule to the Tender duly signed by the specified date, alongwith the specifications drawings etc. if any, enclosed herewith - even if you are unable to quote.

11. WARNING

In case the firm abstain from making offers or fail to return/acknowledge the tender form by the specified date on three consecutive occasions, no further tender enquiry may be issued to them and their names would be liable to remove from the approved list.

Yours faithfully,

(Riaz-ul-Haque)
Managing Director
For Pakistan Ordnance Factories

Tele:
E-mail: mdsjl@pof.gov.pk

Fax:
Cable:

SCHEDULE TO TENDER ENQUIRY NO. **5167-68-LP-CAPT-P782**
TO BE OPENED ON **25-04-2019**

DATED **27.03.2019**

SR. NO.	DESCRIPTION OF STORE	A/U	QTY.	PRICE PER UNIT	DELIVERY DATE/PERIOD
1.	Fume Extraction system for removal of Acidic / Basic fumes from surface treatment plants. (Details Attached as Annex-A)	No.	01		

SPECIAL TERMS & CONDITIONS:

- a. Rates quoted should clearly indicate inclusive or exclusive of sales tax otherwise it will be assumed that rates are inclusive of sales tax.
- b. Amount of performance bond and outstanding payment of bill against other contracts shall not be treated as bid money etc.
- c. All manufacturers of taxable goods and importer are required to be registered with the sales tax department and to issue tax invoices in respect of all their sales and all the supplier are advised to provide the sales tax invoices whenever they buy taxable goods from any manufacturer/ importer. The production of these invoices may also be attached when supplies are made by supplier/ contractors. If a supplier claims that he is neither an importer nor a manufacturer and not authorized to issue tax invoices, then he will provide sales tax invoices issued by the concerned registered importer/manufacturer from whom such supplier had procured the goods.
- d. Tender fee should be attached with technical offer and bid money should be attached with commercial offer.
- e. Authorization letter: - Firm will provide authorization from OEM.
- f. In case of foreign make units the firm will provide export permit for Pakistan.
- g. In case pre-shipment Inspection /training is required to be carried out prior to shipment. Supplier will be bound to bear the charges incurred in Air Traveling to and fro, Boarding/Lodging, Inland TPT charges and general medical to POF Team.

UNDERTAKING

Should our offer be accepted, we hereby undertake to supply the stores/render the services contracted on the basis of general conditions of contract embodied in form POF-1281, and to deposit the performance bond within the prescribed time, failing which it will constitute a breach of contract, and POF will have the right to purchase the stores/services elsewhere at our risk and cost.

Place _____
Date _____
Position _____

Signature of the Tenderer _____
Name _____
Address _____

Capital Purchase
Special Points To be Considered While Preparing Commercial Bid

Commercial offers in the line with the following clarification would be considered acceptable otherwise the same will stand rejected.

- a. FOR/FOB & C&F Cost of Machine alongwith accessories etc.
- b. List & Cost of Tooling.
- c. List & Cost of Spare Parts for two years.
- d. Cost of Training & installation / Commissioning charges.
- e. Acceptance of travelling expenditure of PSI team including boarding / lodging, air ticket, inland traveling charges & 30% DA.
- f. Confirmation regarding terms of payment: 100% payment would be made to firm after installation and successfully completion of trial run at POF Sanjwal.
- g. Confirmation regarding obtaining of export permit.
- h. Confirmation regarding submission of 10% Performance Bond.

Finished Parts / Store

The following must be attached with the bid:-

1. It would be confirmed that the drawings & specifications mentioned in the TE would be followed.
2. Specified materials would be utilized.
3. Quality would be as specified.
4. Test data can be made available on request.
5. Any quality issue observed during assembly & use would be addressed.
6. For highlighted quality issues, no rework would be carried out until & unless it is permitted by the buyer.
7. Against reported defects, proper investigation would be carried out and remedial measures notified.
8. Upon request data of similar defects reported in past & remedial measures taken would be presented.
9. No change in design would be carried out.
10. Delivery time would be adhered to.

TECHNICAL SPECIFICATION OF FUME EXTRACTION SYSTEM

1. Description of the Store:

a. Pickling, Phosphorizing & Draying Plant – (Tank-1)

Fume Extraction System on HCL Tank of Pickling, Phosphorizing and Drying Plant as per drawing # PDO/H/E-5008.

Operating Conditions:

- i. Environment: Acidic by use of HCL.
- ii. Strength of the solution: HCL (150-200 g/l)
- iii. Working Temperature: 40°C to 60°C
- iv. Environmental Temperature: -5°C to 55°C

b. Tank 2-5

Fume Extraction System on De-oiling and Pickling Tanks of Pickling Phosphorizing plant and Rinsing, Phosphorizing and Drying Plant as per drawing No. PDO/H/E-5009 & PDO/H/E-5006.

Operating Conditions:

i. Pickling Phosphorizing Plant (Qty- 02)

Drawing No. PDO/H/E-5009

- a) Environment: Basic by use of Sodium Hydroxide, sodium Carbonate and Tri Sodium Phosphate
- b) Strength of the solutions:
 - i. Sodium Hydroxide (80-120 g/l)
 - ii. Sodium Carbonate (40-80 g/l) & Tri
 - iii. Sodium Phosphate (30-60 g/l)
- c) Working Temperature: 60°C to 100°C
- d) Environmental Temperature: -5°C to 55°C

ii. Rinsing, Phosphorizing and Drying Plant (Qty-02)

Drawing No. PDO/H/E-5006

- a) Environment: Acidic by use of H₂SO₄/HCL
- b) Strength of the solutions: HCL(80-150g/l) / H₂SO₄ (80-100g/l)
- c) Working Temperature: Room Temperature
- d) Environmental Temperature: -5°C to 55°C

c. Paint Removing Plant - (Tank-6)

Fume Extraction System on Paint Removing Plant as per drawing No: PDO/H/E-5007.

Operating Conditions:

- a) Environment: Basic by use of Sodium Hydroxide
- b) Strength of the solutions: Sodium Hydroxide (300-600g/l)
- c) Working Temperature: 90oC to 120oC
- d) Environmental Temperature: -5°C to 55°C

2. **System Requirement:**

Fume Extraction System complete in all respect as per International standard meeting the specifications appended below:

i. **Hood**

For complete coverage and extraction of the acid fumes made of SS316 Material with special coating of Anti Acid material coating (RK 555 modified Anti Acid Material) Imported for protection / corrosion of the SS from Acid Fumes.

ii. **Damper**

Special Damper to be installed on each Hood made of special SS316 material with special coating of Anti Acid material coating (RK 555 modified Anti Acid Material) imported for protection / corrosion of the SS from Acid Fumes.

iii. **Ducting**

a) Supply, fabrication and installation of SS316 material sheet steel duct work complete with bends, tee, reducer, branch takeoffs, air chamber etc as per requirement of the plant. Hangers, brackets, stiffeners and isolator boxes fabricated should be provided with Anti acid material coating (RK555 modified Anti Acid Material) Imported for protection/corrosion of the SS from Acid Fumes.

b) The Fibre Glass of special thickness duct after water showering system coated with special coating of Anti Acid material coating (RK555 modified Anti Acid material) Imported for protection/corrosion of the Fiber Glass Duct from Acid fumes.

c) Before installation, duct should inside and outside. Approved type of sealing compound shall be used to make duct work leak proof. Ducting size should be for efficient suction of fumes of the acid. The ducting material should meet the SS316 / Fiber Glass with special coating of Anti Acid material coating (RK555 modified Anti Acid Material) Imported, for protection Corrosion of the SS/Fiber glass from Acid fumes.

iv. **Water Showering System:**

A Special chamber with water showering system made of special material SS 316 non Magnetic Showering Cabin with special coating of Anti Acid material coating (RK555 modified Anti Acid Material) Imported for protection/corrosion of the SS from Acid Fumes. The water showering system will be used to neutralize the fumes of the acid. The water showering system should be efficient enough to neutralize the acid fumes in air duct and dispose through Drain.

v. **Fan Blower**

Through blowers suitable capacity with special coating of Anti Acid material coating (RK555 modified Anti Acid material) Imported for protection / corrosion of the all parts of the blower Fan for long operational life and protection of each part of the blower.

vi. **Installation & Commissioning**

Installation & Commissioning of Acid Fume Extraction System would be the responsibility of supplier.

vii. Trial Run

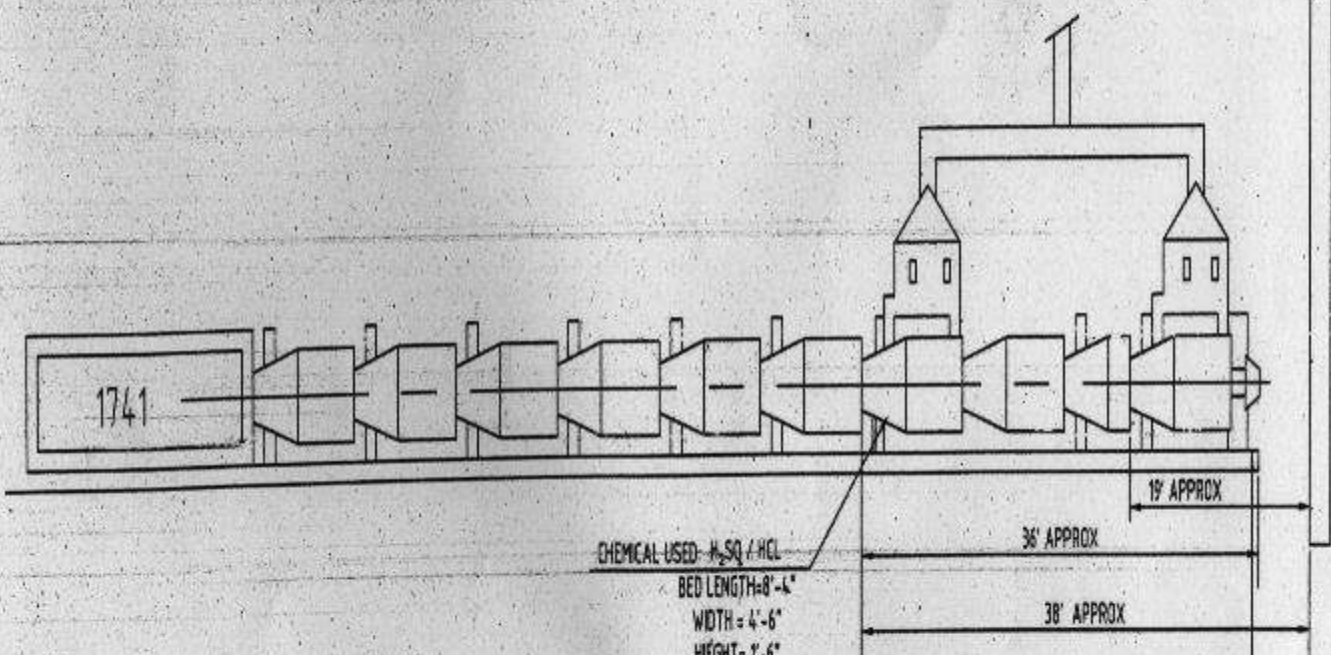
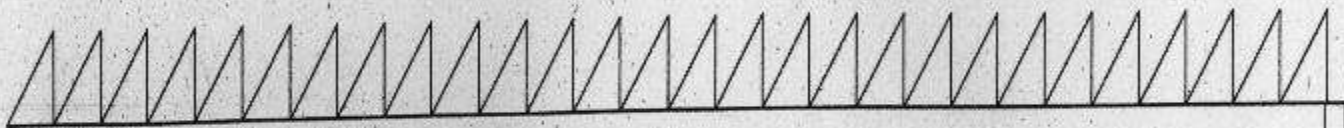
- a. Plant would be run for 02 x weeks for acceptance.
- b. Concentration of fumes would be as per National Environmental Quality Standards for ambient air. (S.R.O 1062(I)/2010) or latest.

viii. Payment

The payment shall be made through cross cheque after acceptance of the complete work.

ix. Warranty / Guarantee

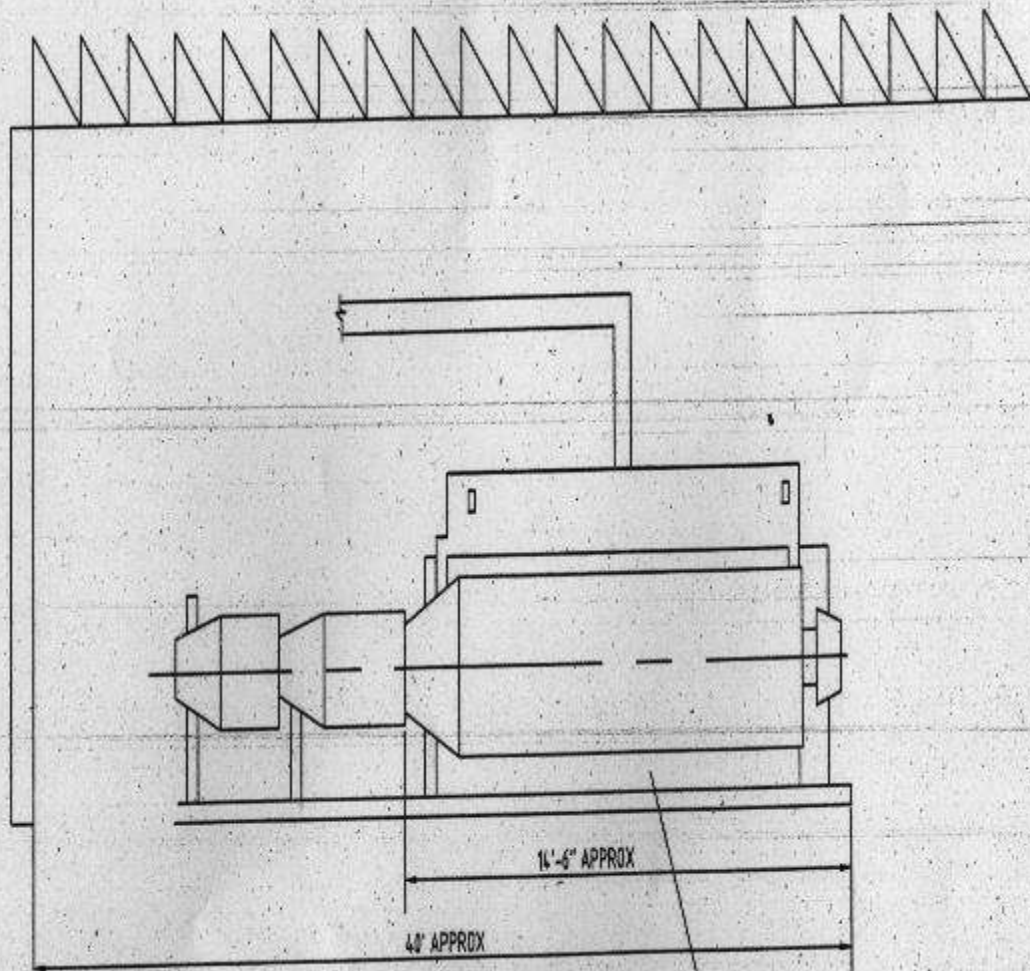
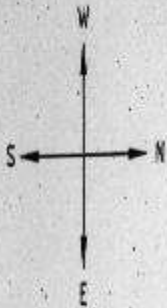
Supplier will provide Warrantee / Guarantee of complete Fume Extraction System for the period of 01 x year. Warrantee / Guarantee period will be started from the date of successful Installation/Commissioning and completion of Trail Run of Fume Extraction System at POF Sanjwal.



CHEMICAL USED- H_2SO_4 / HCL
 BED LENGTH=8'-4"
 WIDTH=4'-6"
 HEIGHT=1'-6"

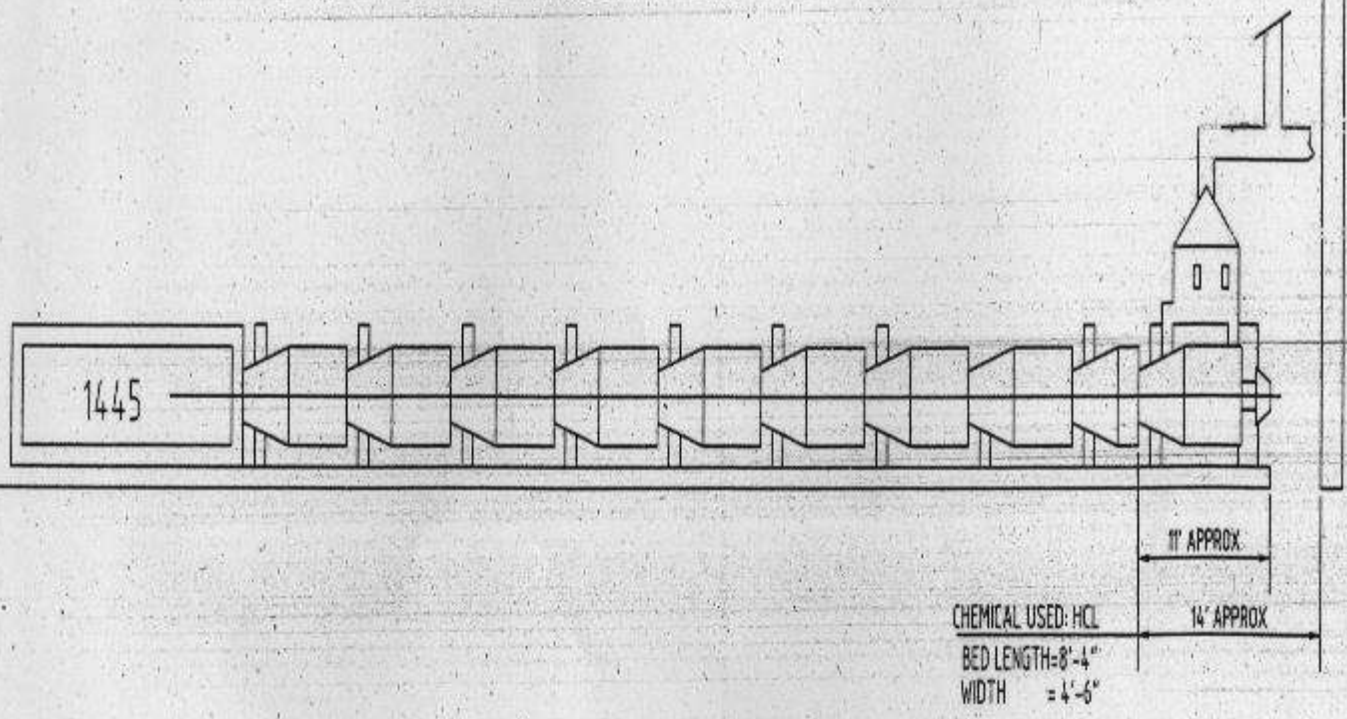
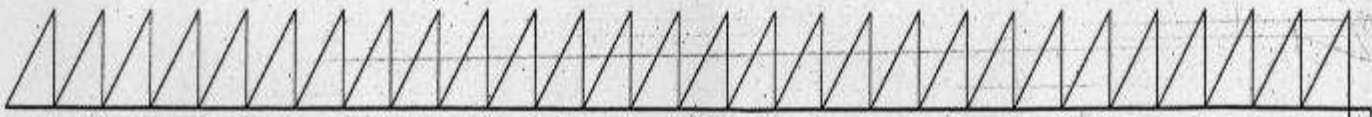
CHEMICAL USED:
 SODIUM HYDROXIDE
 SODIUM CARBONATE &
 TRI SODIUM PHOSPATE
 BED LENGTH=12'-8"
 WIDTH=4'-8"

01	1			
Sr. NO	NO OFF	DESCRIPTION	MATERIAL	HEAT TREATMENT
DRAWN BY:-AFZAAL		CHECKED-	APPROVED-	
RINSING PHOSPHORIZING & DRYING PLANT			DWG NO-	PDO/H/E-5006
S.I. No. 3711 / CODE 1071			BASIS IN-	SAMPLE

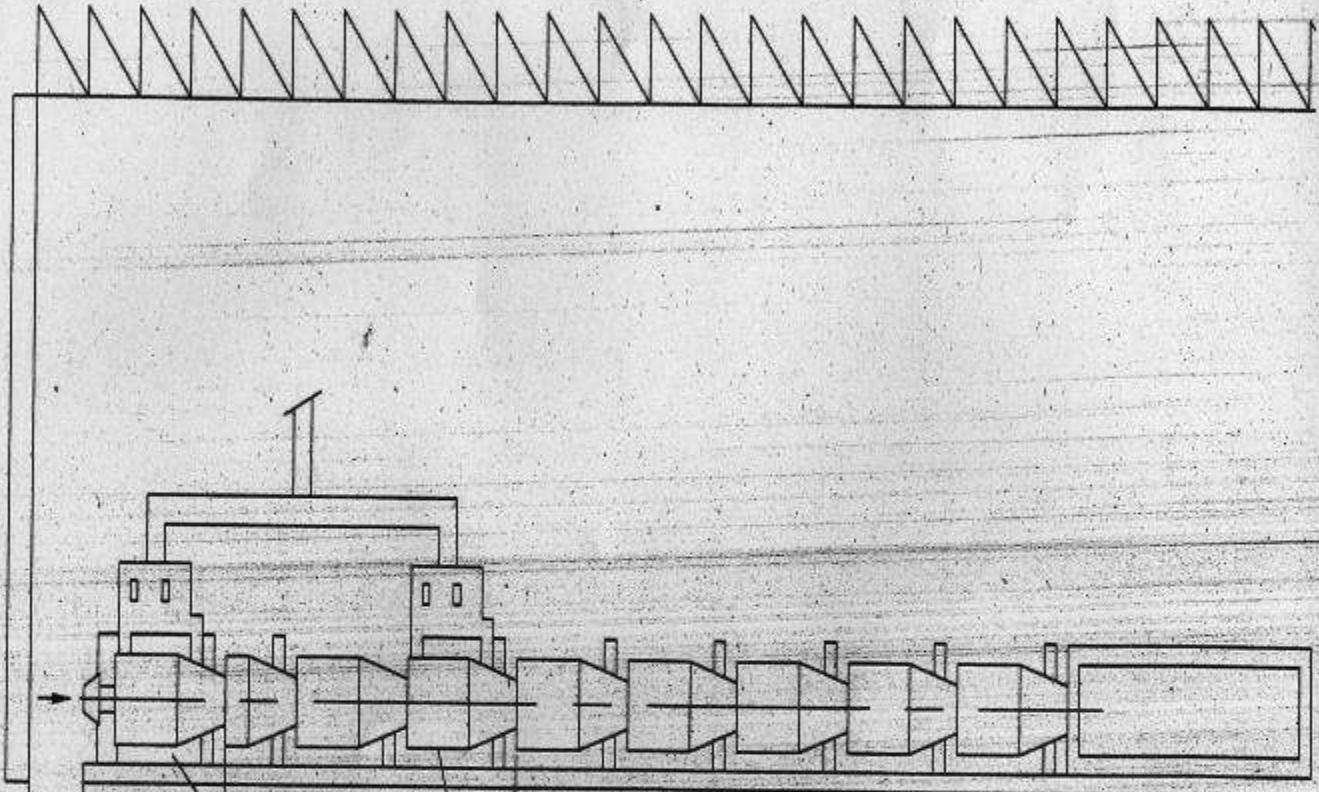


PAINT REMOVING TANK
 BED LENGTH=14'-6"
 WIDTH = 5'-6"

01	1			--
Sr. NO	NO OFF	DESCRIPTION	MATERIAL	HEAT TREATMEN
DRAWN BY:-AFZAAL		CHECKED-	APPROVED-	
PAINT REMOVING PLANT S.J.L. No.1783			ISS NO- PDO/H/E-5007	
(CODE 408)			BASED ON- SAMPLE	
			PDO - POF - SANJWAL	
SCALE- N.T. SHEET 1 OF 1 UN-TOL DIMS PAD NOTE SHEET NO. 3 EVERY ROUGH GRADE DATE-29-08-201				



01	1			--
Sr. NO	NO OFF	DESCRIPTION	MATERIAL	HEAT TREATMENT
DRAWN BY:-AFZAAL		CHECKED:-	APPROVED:-	
PICKLING PHOSPHORIZING & DRYING PLANT S.J.L. No. 1445 (CODE 403)			DESIGN:-	PDO/H/E-5008
			BASED ON:-	SAMPLE
			PDO - POF - SANJWAL	
SCALE:- N.T.S SHEET 1 OF 1 UN-TOL DIMNS PAD NOTE SHEET NO. 3 (VERY ROUGH GRADE) DATE-29-08-2018				



8'-3" APPROX
28' APPROX

48' APPROX

DE-OILING TANK
BED LENGTH=8'-3"
WIDTH = 4'-8"
SODIUM HYDRO OXIDE
SODIUM CARBONATE
TRI SODIUM PHOSPHATE

PICKLING H₂SO₄
TANK SIZE
LENGTH= 8'-3"
WIDTH = 4'-8"

01	1			
Sr. NO	NO OFF	DESCRIPTION	MATERIAL	HEAT TREATMENT
DRAWN BY:-AFZAAL		CHECKED:-	APPROVED:-	
PICKLING PHOSPHORIZING PLANT SJL No. 1121			Dwg No- PDD/H/E-5009	
(CODE 406)			BASED ON- SAMPLE	
			PDD - POF - SANJWAL	

SCALE:- N.T. SHEET 1 OF 1 | UN-TOL DIMNS PAD NOTE SHEET NO. 3 (VERY ROUGH GRADE) | DATE-29-08-2011