



GOVERNMENT OF PAKISTAN  
PAKISTAN ORDNANCE FACTORIES  
TENDER ENQUIRY

To,

Dear Sirs,

Reference: Tender Enquiry Wah-1800-12-TRPM-FP-D.O (X) Dated 25<sup>th</sup> April 2018.

You are requested to submit quotation for the items noted in the Schedule to the Tender. Offers 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 1230 hours on 26<sup>th</sup> June 2018 and must reach this office on or before 1200 hour upto due date. The tender received late will not be entertained.
- 1.2 Only one tender should be included in one envelope. The outside of the envelope should be inscribed with:-
  - Tender Enquiry No: Wah-1800-12-TRPM-FP-D.O (X)
  - Tender to be opened on: 26<sup>th</sup> June 2018
  - Address as follows: - **Managing Director  
Explosives Factory  
POF Wah Cantt Pakistan.**
- 1.3 If envelope does not indicate reference of T.Es or received late the same may be returned un-opened.

2. GENERAL INSTRUCTIONS REGARDING PREPARATION OF QUOTATIONS

- 2.1 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 Twin Roll Plasticizing Machine, along with all essential accessories; 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.

The commercial offer shall include;

- Price of Machine, electric motor & related accessories, fire detections suppression system installation, commissioning & trial run.
- Price of documentation.
- Item wise price of the spares.

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 Tenderers on their request.
- 2.6 Conditional offers or alternative offers are likely to be ignored.
- 2.7 Quotations should be based on F.O.B. The consignment will be shipped through Pakistan National Shipping Corporation (PNSC). In case there is no PNSC service in the country of shipping, please quote on C & F basis. The freight should be indicated separately. Insurance premium should not be included in the quoted price. However where insurance is considered necessary, advice to that effect should be given in the quotation.
- 2.8 Submission of the offer through an agent in Pakistan should be avoided. In case it is considered inevitable, the agent's quotation must invariably be accompanied by the original proforma invoice from the principals/ manufacturers.
- 2.9 Country of origin and port of shipment to be stated.
- 2.10 The offer of principal must clearly indicate whether the rate quoted is inclusive of agent's commission, and if inclusive rate of commission included be specified.
- 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 T.E form or offer received is not in conformity with the requirement of the T.E 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.

3.3. **WARRANTY/GUARANTEE:**

a. The stores will be accepted on SELLER's Warranty/Guarantee with regard to quality and quantity subject to these being technically checked / tested where necessary and accounted for on arrival at Consignee's ware-house. The SELLER will render Warranty/Guarantee certificate in-duplicate to the BUYER on the enclosed Proforma (Annex-B) as soon as stores have been dispatched / delivered. This Warranty / Guarantee shall be binding on the supplier for a period of **24 (twenty-four) months** reckoning from the date of installation, commissioning & successful trial run of the Twin Roll Plasticizing Machine along with the related accessories.

b. In case the stores on checking/test after receipt at the BUYER's factory are found not conforming strictly to the relevant specification and other particulars, or found broken during transit, the SELLER shall immediately replace the rejected/ broken store by acceptable stores free of cost and without any obligation to the BUYER. Rejected / broken stores shall be disposed by the SELLER under his own arrangements. The SELLER will warrant the good quality of all equipment supplied against all defects or failures due to faulty design, material or workmanship.

3.4 **TENDER SAMPLE**

Where required offer must accompany tender sample strictly according to the description 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 samples thereof against previous T.E.

4. **PRE-SHIPMENT INSPECTION**

The store shall be new and shall conform to the requisite specifications. The BUYER's Pre-shipment inspection team will consist of four members and will carry out inspection at the SELLER premises. The duration of Pre-Shipment Inspection will be one week. All expenditures of the PSI team i.e. boarding, lodging, internal traveling return air tickets and daily allowances @ 30% of the admissible amount for the visiting team will be borne by the SELLER.

5. **ACCEPTANCE OF OFFERS**

The purchaser may reject all bids or proposals at any time prior to the acceptance of a bid or proposals, but is not required to justify grounds for its rejection. The purchaser shall incur no liability towards suppliers or contractors who have submitted bids or proposals.

## 6 PERFORMANCE BOND

- 6.1 The SELLER will provide a Bank Guarantee to the tune of 10% of FOB value of the contract on the prescribed performa attached as Annexure 'C' for satisfactory execution of the order. It shall be covered by any Scheduled Bank in Pakistan. The Bank Guarantee shall be endorsed in favour of CMA POFs Wah Cantt. The Bank Guarantee shall be furnished by the SELLER within 45 days from the date of opening of letter of credit. The Bank Guarantee will be valid for a period of 24 months after the successful final acceptance test of the machine. If the successful trial run is delayed, the SELLER shall arrange the extension of Bank Guarantee within 30 days from the date of amendment of L.C. If the Guarantee is not revalidated, the same is liable to be encashed by the CMA (POFs) Wah Cantt.
- 6.2 If the SELLER fails to furnish the Bank Guarantee within specified period, the BUYER reserves the right to cancel the contract and has the right to purchase the stores at the risk and expenses of the SELLER.
- 6.2 In the event of unsatisfactory performance or any breach of the Contract, Bank Guarantee shall be forfeited by the BUYER. The Bank Guarantee will be returned to the SELLER by M.D-Explosives, POFs Wah Cantt on request after its expiry or after satisfactory performance of the contract whichever is earlier.

## 7. 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 particular store 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.

## 8. PAYMENT

The mode of payment will be as under;

- 80% payment will be released against presentation of shipping documents and acceptance certificate issued by PSI team.
- Balance 20% payment will be released against the Final Acceptance Certificate, duly signed by the BUYER after the successful installation, commissioning & trial run of the complete store.

All Bank charges incurred in Pakistan in connection with the establishment of L.C. will be borne by the Purchaser, whereas all Bank charges incurred in connection with drawing of payment including charges for confirmation of L.C. by the advising Bank/Foreign Bank will be borne by the Supplier.

9. **DOCUMENTATION**

The SELLER will provide technical documents (4 sets in English language) as per following;

- i. Complete civil construction drawings (workshop drawings).
- ii. Equipment assembly and sub-assembly drawings.
- iii. Installation Drawings.
- iv. Operational, Maintenance and services manuals.
- v. Detailed Drawings & Specifications of the Machinery.
- vi. Specifications of materials not included in the supplies but necessary for integration of the offered machinery.
- vii. Safety instructions for smooth and safe operation of the machinery.
- viii. P & I drawings.
- ix. Detailed Electrical & Instruments Connection diagrams.

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.

**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 liable to be removed from the approved list.

Yours faithfully,



for **PAKISTAN ORDNANCE FACTORIES**

Office Tel. # 0092-51-905529201,

FAX # 0092-51-9271400

E-mail: mdexp@pof.gov.pk

**PAKISTAN ORDNANCE FACTORIES**

Schedule To Tender Enquiry No. **Wah-1800-12-TRPM-FP-D.O (X)**

Dated **25<sup>th</sup> April 2018** to be opened on **26<sup>th</sup> June 2018**.

1) **Plant & Machinery: -**

Procurement of following Machine:-

Description	Qty.
Twin Roll Plasticizing Machine for PETN alongwith all essential accessories (as per Annexure "A").	01 No

2) **Special Condition:-**

- i) The store must be protected adequately and appropriately to the mode of dispatch against damage from environmental effects, water or other substances during the sea voyage and overland journey to withstand the rough handling involved in transit and provide proper preservation of materials while held in storage by the consignee.
- ii) **EXPORT PERMIT**  
Offers of only those firms will be entertained who will confirm the availability of export permit from their respective government.
- iii) **REFERENCE LIST**  
The Seller shall provide list of similar machines which has been provided to different customers and which are still in operational condition. The said list shall explicitly mention Make, Model and country of origin of the said machines.
- iv) **FINAL ACCEPTANCE TEST (FAT)**  
Trial run (Qualitative & Quantitative) of the complete Twin Roll Plasticizing Mill alongwith the related accessories will be based on successful operation of 120 working hours. In case of any deficiency & discrepancy in terms of quality and quantity of products, all related expenditures to fulfill the commitment shall be borne by the seller.
- v) **TRAINING (On Site):**  
During execution of the work i.e installation, commissioning & Trial run at site, the SELLER's technical experts will carry out necessary training of the Buyer's Production, Maintenance, and Instrument & Electrical personnel regarding Operation & trouble shooting of the store.

3) **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 1282, 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 \_\_\_\_\_

Signature of the Tenderer: \_\_\_\_\_  
Name: \_\_\_\_\_  
Position: \_\_\_\_\_  
Address: \_\_\_\_\_  
Income Tax G.I.R.No. \_\_\_\_\_

**DETAILED SPECIFICATION OF TWIN ROLL PLASTICIZING MILL  
ALONGWITH ESSENTIAL ACCESSORIES, QTY. 01 No.**

The Twin Roll Plasticizing Mill alongwith suitable driving system, drenching system, humidification system, room temperature controlling system and all other essential accessories and safety devices.

**1. TWIN ROLL PLASTICIZING MILL**

- 1.1 One complete set of Twin Roll Plasticizing Mill to plasticize Penta Erythritol Tetra Nitrate (PETN). Approx 08 to 10 Kg of oiled material (PETN: oil: 90:10 +1) to be rolled in 80 - 90 seconds, with an effect of resistance to a load of  $0.750\text{kg}/\text{cm}^2$  and deformation at a load of  $1.375\text{kg}/\text{cm}^2$ .
- 1.2 **Twin Roll Plasticizing Mill must have following features:**
  - 1.2.1 Rolling mill shall consist of a pair of phosphor bronze, water cooled, knurled rollers, with an adjustable clearance between the rollers.
  - 1.2.2 Rollers must have suitable RPMs compatible with the requirement.
  - 1.2.3 Scraper knife shall be fitted at the bottom side of each roller for removal of any material which sticks on the rollers. The clearance between the scraper and the rollers shall be adjustable. Minimum clearance between the roller and scraper shall be 0.1 mm.
  - 1.2.4 A non-ferrous fin shaped drum shall revolve around the rollers at suitable RPM to catch the material leaving from the rollers and then feeds it again at the top of the rollers.
  - 1.2.5 A moveable non-ferrous feeding hopper with a sliding bottom suitable to run on rails to feed and collect the material from the machine below the rollers.
  - 1.2.6 The complete machine shall be fitted with baffles and safety guards to prevent entrance of any foreign matter as well as spillage of oiled material on the floor.
  - 1.2.7 All the motors and electric driven accessories shall be intrinsically safe, Explosion Proof, Flame proof and with suitable IP rating (min. IP 55) where ever required.
  - 1.2.8 Twin roll plasticizing mill shall function promptly in the environment having relative humidity more than 65%.
  - 1.2.9 A suitable emergency shutdown system shall be provided to switch off the machine in case of emergency.
  - 1.2.10 The machine shall be equipped with the suitable Sprinkler and Flooding System capable of controlling any accidental ignition during process. This system must be operate-able automatically as well as manually.
  - 1.2.11 Sprinkler System shall include Flame Sensors required for related fire, Manual Pull station, Fire Control Panel Alarms & Annunciation, and Trip Logic for machines.
  - 1.2.12 Flame Simulator for Testing the Fire Sensors.

### 1.3. DRIVERS:

#### 1.3.1 Hydraulic Motors

1.3.1.1 For twin roll drive, following hydraulic motors having suitable capacity must be provided to meet process requirements.

- i. Hydraulic motor for each twin roller.
- ii. Hydraulic motor to drive fin shaped non ferrous drum.

1.3.1.2 A suitable Hydraulic Pack complete in all respect, including all required safeties, accessories, isolating valves and oil reservoir with the provision of required pressure adjustment to operate roller mill. It should also include all oil filtering, heating and cooling facilities as required for the said environment.

1.3.1.3 Hydraulic motor driven gear boxes to drive roller and non ferrous fined drum to required power and RPMs.

1.3.1.4 Inter connection pipes, hoses to drive all hydraulic motors and equipment installed at rolling mill.

#### 1.3.2 Electric Motor Starter in Machine Room

It shall include IP55 rated starter panels, MCC, Over Load protection, High/Low voltage and Phase Reverse protection, Ampere and Volt indication and Start/Stop buttons, all rated for required Power @ 380 - 420 volts, 50 Hz.

## 2 FIRE DETECTION & SUPPRESSION SYSTEM

2.1 Complete in all aspects ready to be installed with all accessories and equipment including following also in addition to standard design. The system shall be capable to detect and actuate water solenoid valves in not more than 2 sec, whereas Fire Sensors shall be capable to detect and actuate fire relay in 300 milli sec. Supply of fire system should include all required hardware for installation including pipes, accessories cables, cable trays, supports and clamps etc.

2.2 All equipment to be installed in hazardous area shall be Ex, Exi and IP67 as and where required.

#### 2.3 Fire Panel

Capable to handle all fire sensors, manual pull station inputs and outputs included with logging and reporting facilities printable as and when required on real time basis.

Output of panel shall be capable to drive all sprinkler and flooding solenoids and acoustic alarm.

It shall also include stand by batteries to be charged in normal through mains and batteries shall be capable to maintain back up for minimum of 4 Hours in case of mains failure for complete system operation including all inputs and out puts. Preferred manufactures for fire panel are

- a. Det-Tronics.
- b. Honeywell Notifier.

#### 2.4 Fire Sensors

Suitable number of Fire Sensors to cover whole risk area as 100%.

Sensors shall be IR<sup>3</sup> and UV/ IR.

Preferred manufactures for sensors will be, Det-Tronics, Sharp eye or Talentum.



2.5. **Pressurized Water system.**

It shall be designed with wet pipe having solenoids at end of pipe before sprinkler and flooding nozzles. Water system shall include;

- 2.5.1 Suitable capacity water tank at rated pressure minimum 8 bar equipped with visual water level indicator.
- 2.5.2 Electric driven fire water pump.
- 2.5.3 Diesel Engine driven fire water pump.
- 2.5.4 Jockey pump to keep up water level.
- 2.5.5 Air compressor to maintain system pressure including water tank.
- 2.5.6 Supply of fire system shall include all required Hardware and accessories.

2.6. **HVAC System.**

- 2.6.1 A suitable capacity HVAC system to maintain the required temperature from 25 to 30°C.

3. **SPARES**

3.1 Two years essential spares must be included in the scope of supply. Item wise detail must be included in technical offer, indicating price of each item separately.

3.2 Following spare parts must also be included in the scope of supply, giving price of each item;

3.2.1 **Spares of Electrical & Instrumentation including Fire Alarm System**

- i. All field sensors and transmitters, one against each installed.
- ii. Control Panel: Complete components installed in control panel.
- iii. Final Control Elements, one against each installed.
- iv. Hydraulic Pack: All solenoid valves, sensors, limit sensors for pressure temperature etc. One against each installed
- v. Fire Panel 01 No.
- vi. UV / IR Sensor 02 Nos.
- vii. IR<sup>3</sup> Sensor 02 Nos.
- viii. Manual Release 02 Nos.
- ix. Solenoid Valve 04 Nos.
- x. Flooding solenoid valve. 02 Nos
- xi. Spare Electric motor with starter and other essential accessories one against each type installed.

3.2.2 **Spares of Mechanical**

- i. Pair of Phosphor Bronze, water cooled and Knurled rollers.
- ii. Hydraulic oil driven motors for twin rollers one for each installed.
- iii. Hydraulic oil driven motor for Aluminum drum 01 in qty.
- iv. Gear boxes for both the rollers compatible in accordance to their RPMs, one for each installed.
- v. Gear box for Aluminum drum 01 in qty.
- vi. Bearings for pumps one set each.
- vii. Gland packing or Mechanical seal for pumps 2 sets each.
- viii. Bearings and Gas kits for twin Rollers 04 sets each.
- ix. Bearing and Gasket for Drive wheels 02 sets each.
- x. Hydraulic oil Pressure regulation system one complete set.
- xi. Pipes and fittings for complete hydraulic system.
- xii. Recommended spare for HVAC system along with;
  - a. Refrigerant Gas for HVAC, Qty 100 kg
  - b. Bearings / belts of HVAC, Blower 01 set.
  - c. Compressor for HVAC, Qty. 01 No.

3.2.3 It shall be guaranteed that spares shall be available for at least 15 years after successful Final Acceptance Test of the machine on as and when required basis.

4. **SCOPE OF SUPPLY**

**Hardware (Mechanical & Electrical)**

The following hardware should be included in the supply ;

- 4.1 Twin roller plasticizing mill complete in all aspects including safety equipment and essential accessories.
- 4.2 Erection materials such as steel structure for supporting of machinery, hydraulic system & piping etc.
- 4.3 Cables required for Electrical Power, control and fire system installations.
- 4.4 Start / Stop control station for all motors (with ampere meters) etc. along with perforated cable trays with mounting accessories for power control & instrumentation cables.
- 4.5 All valves, interconnecting hydraulic piping, fittings, gaskets, couplings, bolts & nuts.
- 4.6 Consumables required during installation and commissioning of machinery.
- 4.7 Civil construction work will be executed by the purchaser as per design and materials specifications provided by the supplier.
- 4.8 The supplier is required to supply soft copy and hard copy of all software alongwith Laptop in case the machine includes programmed PLC or any other Programmable controllers or programmable fire panel.
- 4.9 Sketch of the room where the machine along with the related accessories will be installed is attached.
- 4.10 HVAC System and its all accessories.

5. **INSTALLATION, COMMISSIONING & TRIAL RUN**

- 5.1 The purchaser personnel's under the working supervision of the supplier's engineers and technicians shall install the machinery.
- 5.2 The machinery will be commissioned and trial production will be carried out by seller's Engineers. Purchaser shall provide the required number of operators and technicians for the installation, commissioning and trial run.
- 5.3 The supplier to indicate the total man-weeks of his engineers/technicians required for the installation, commissioning and trial run of the machinery. Terms and conditions are to be stated clearly. All expenses, including boarding, lodging, traveling and daily allowances of the supplier's engineers / technicians are to be borne by the supplier's. Local transport shall be arranged by the purchaser.
- 5.4 The supplier shall provide the time schedule for completion of the installation, commissioning and trial run.

6. **CIVIL WORK**

- 6.1 The machine alongwith accessories will be installed in the BUYER's existing building (sketch attached).
- 6.2 Complete civil drawings (workshop drawings) for modification of existing building for installation of the complete Twin Roll Plasticizing Mill and its related equipment will be provided by the SELLER. These drawings will be provided within two months after contract.
- 6.3 Anchoring bolts & chemicals etc will be provided by the SELLER.
- 6.4 Civil modification work of the existing building will be executed by the BUYER as per design and materials specifications provided by the SELLER.

7. **CLIMATIC CONDITIONS**

- Temperature range = -3 to 50°C
- Atmospheric relative humidity = 25 - 90%
- Average annual rain fall = 450 mm
- Altitude above sea level = 1504.50 Ft.
- Earthquake Value = 8.0 on Richter scale

8. **UTILITIES**

Air at 02 bar available on site, however for instrument air, an air compressor of suitable capacity & pressure along with moisture dryer and recommended spare may be provided.

Following utilities are available at site:-

- Electricity 380 - 420 volts, 50Hz, three phases.
- Electricity 220-230 volts, 50Hz, single phase.
- Raw Water at 2 bar pressure.
- Steam at 4 bar pressure.
- Instrument air at 2 bar pressure.

**Annexure-B**

**WARRANTY / GUARANTEE CERTIFICATE**

Firm's Name \_\_\_\_\_

Contract No. \_\_\_\_\_ DATE \_\_\_\_\_

1. We hereby guarantee that the goods supplied against the above contract are in all respect in accordance with the relevant specifications and terms of the contract and that the materials used, whether or not of our manufacture, are in accordance with the latest approved standard specifications complete, are of good workmanship / quality throughout, and that we shall replace free of cost, every article or part thereof which before use or in use, shall be found defective, or not within the limits and tolerance of specification requirements, or in any way not in accordance with the terms of the contract.

2. In case of our failure to replace the defective stores free of cost within the period specified by the Purchaser, we will refund the relevant cost.

3. The Warranty / Guarantee will remain valid for 24 months after the receipt Installation, successful commissioning and trial run of the machine.

Signature \_\_\_\_\_

Name \_\_\_\_\_

Status in the Firm \_\_\_\_\_

Dated \_\_\_\_\_

Annexure-C

BANK GUARANTEE FOR PERFORMANCE ON  
JUDICIAL STAMP PAPER OF Rs.100/- OR AS  
SUITABLE TO THE ACCOUNT OF BG.

- i) Contract No. \_\_\_\_\_ Date \_\_\_\_\_
- ii) Name of Firm/Contractor \_\_\_\_\_
- iii) Address of Firm/Contractor \_\_\_\_\_
- iv) Name of Guarantor \_\_\_\_\_
- v) Address of Guarantor \_\_\_\_\_
- vi) Amount of Guarantee Rs. \_\_\_\_\_  
( \_\_\_\_\_ )  
(in Words)
- vii) Date of Expiry of Guarantee \_\_\_\_\_

To: **The President of the Islamic Republic of Pakistan**  
Through the CMA POF WAH CANTT.

Sir,

1. Whereas your good self have entered into Contract No. \_\_\_\_\_  
\_\_\_\_\_ dated \_\_\_\_\_  
with Messrs \_\_\_\_\_  
(Full Name and Address)  
hereinafter referred to as our customer and that one of the conditions of the contract is  
the submission of unconditional Bank Guarantee by our customer to your good self for a  
sum of Rs. \_\_\_\_\_ Rupees/FE(as applicable) \_\_\_\_\_
2. In compliance with this stipulation of the contract, we hereby agree and undertake as  
under: -
- a) To pay you unconditionally on demand and / or without any reference to our  
customer and amount not exceeding the sum of Rs. \_\_\_\_\_ Rupees or  
FE (as applicable) \_\_\_\_\_ as which be  
mentioned in your written Demand Notice.
- b) To keep this Guarantee in force till \_\_\_\_\_
- c) That the validity of this Bank Guarantee shall be kept two clear years ahead of the  
original/extended delivery period or the warrantee of the stores which so ever is  
later in duration on receipt of information from our customer i.e.  
M/s \_\_\_\_\_

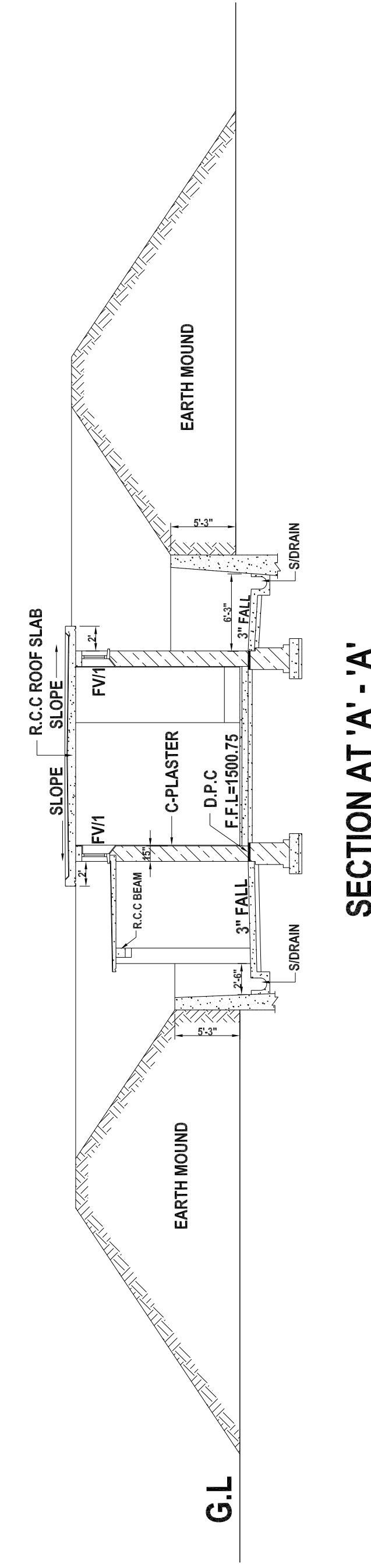
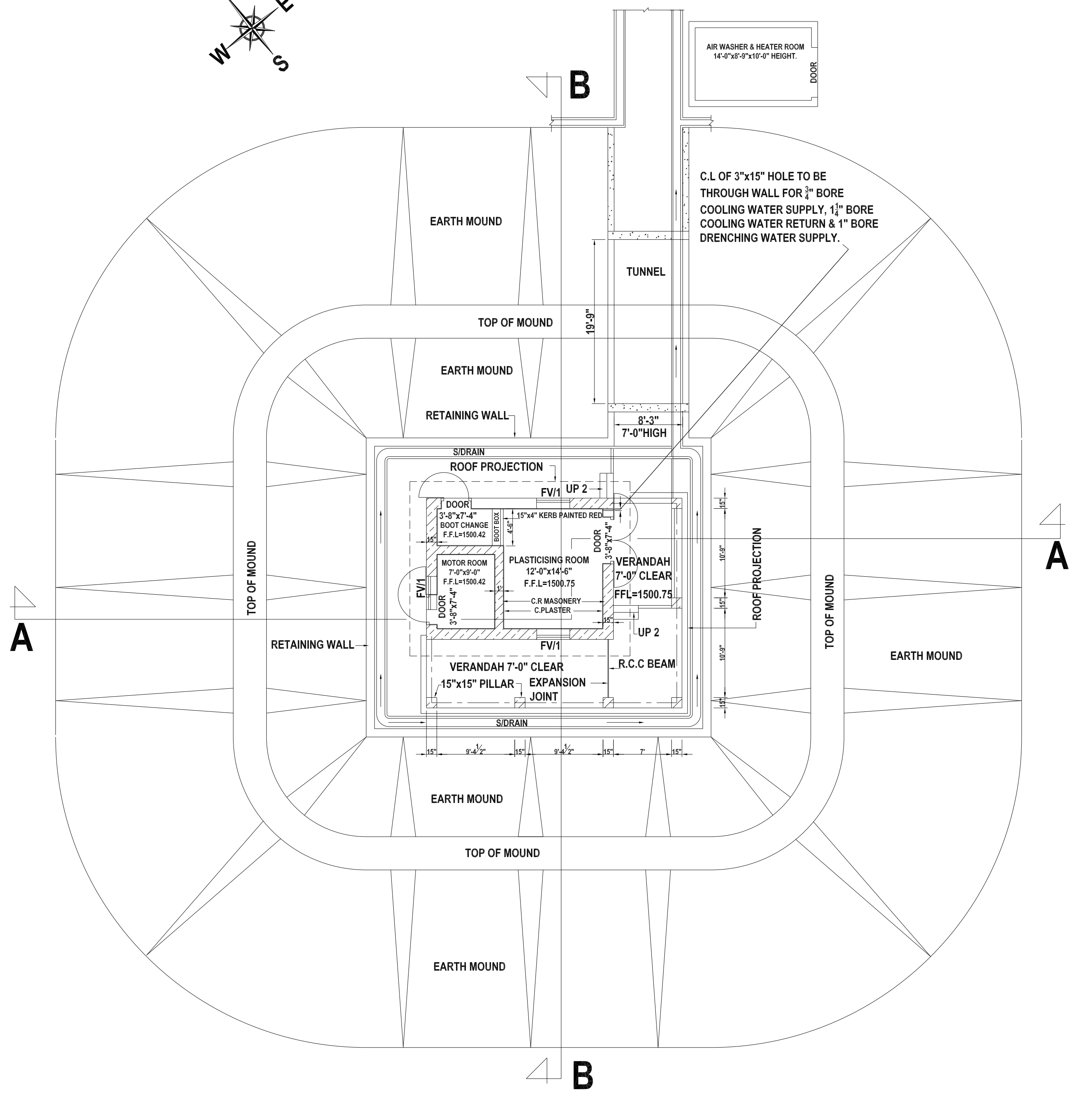
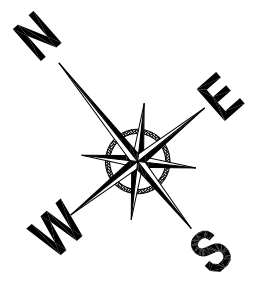
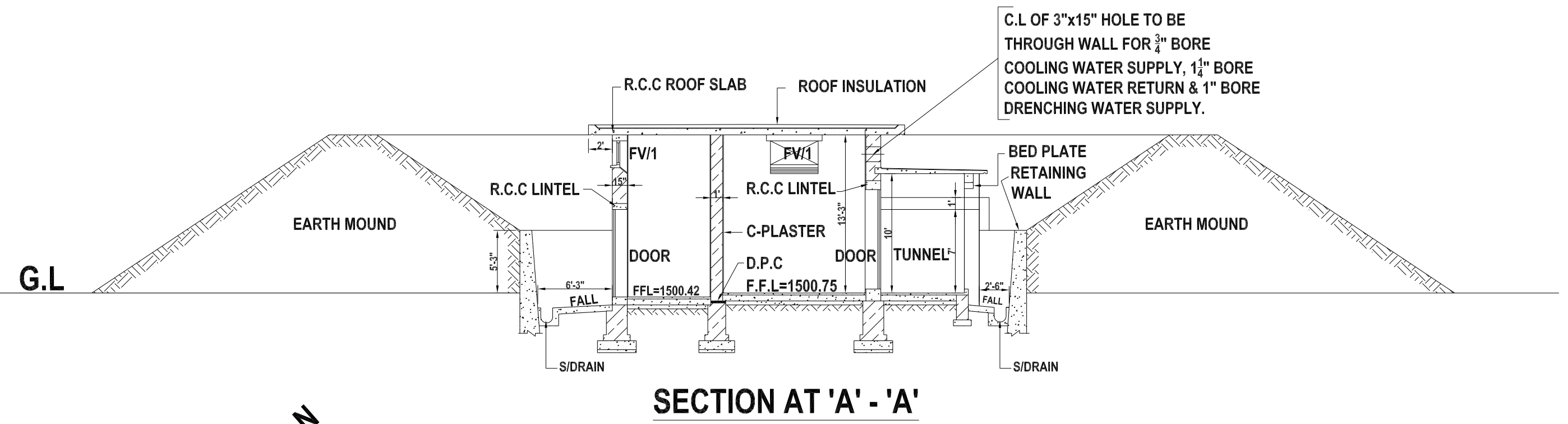
or from your office. Claim, if any must be duly received by us on or before this day. Our liability under this Bank Guarantee shall cease on the closing or banking hours on the last date of the validity of this bank Guarantee. Claim received thereafter shall not be entertained by us whether you suffer a loss or not. On receipt of payment under this guarantee, this document i.e. Bank Guarantee must be clearly cancelled, discharged and returned to us.

- d) That we shall inform your office regarding termination of the validity of this Bank Guarantee one clear month before the actual expiry date of this Guarantee.
- e) That with the consent of our customer you may amend/alter any term/clause of the contract or add/delete any term/clause to/from this contract without making any reference to us. We do not reserve any right to receive any such amendment/alternation or addition/deletion provided such like actions do not increase our monetary liability under this Bank Guarantee, which shall be limited only to Rs. \_\_\_\_\_  
(Rupees \_\_\_\_\_)
- f) That the Bank Guarantee herein before given shall not be affected by any change in the constitution of the Bank or Customer/Seller or Vendor.
- g) That this is an unconditional Bank Guarantee, which shall be encashed on sight on presentation without any reference to our Customer/Seller or vendor.

**Guarantor**

Dated: \_\_\_\_\_

\_\_\_\_\_  
Bank Seal and Signatures



**EXISTING BUILDING FOR TWIN ROLL PLASTICIZING MACHINE**