



नॉर्थ ईस्टर्न इलैक्ट्रिक पावर कॉरपोरेशन लिमिटेड
भारत सरकार का उपक्रम

NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED

(A Government of India Enterprise)

Office of the Head of Plant

Ranganadi Hydro Electric Plant

P.O. Ranganadi Project, Dist. Lower Subansiri, 791 119, A.P.

ISO 9001-2008, ISO 14001-2004
BS OHSAS 18001-2007

Notice Inviting Quotation No – 03/2013

Dtd 15/06/2013

The undersigned on behalf of “North Eastern Electric Power Corporation” (NEEPCO) (herein after referred as the Purchaser) hereby invites sealed Quotation under single Stage bidding system with a validity of 180 (One Hundred Eighty Days) from Manufacturers or Authorized Dealers / Distributors for supply of the following items. Terms & conditions are detailed herein under:

1. **Name of the work:** ‘Supply of Rubber seals and fastening hardware for Radial gates and Stop log gates.’
2. **Scope of Supply:-** The Supply of items should be as per the Specification detailed in Annexure –I.
3. **Bidding Procedure:-**
 - a) The bidder shall submit bid documents under the Single-stage bidding system as follows: The envelope should be super scribed with the NIQ No.
 - i. The Bidder shall submit Earnest Money Deposit (EMD) and documents in support of qualifying requirements, as indicated hereafter. The EMD as indicated above shall be in the form of Demand Draft/ Banker’s Cheque from a Scheduled / Nationalised Bank drawn in favour of “NEEPCO Ltd” payable at SBI, Yazali Branch (Branch code No. 9917). EMD’s submitted in any other form will be summarily rejected.
 - ii. The price bid shall be indicated separately in the prescribed format of the bid document.
 - iii. The complete filled up detailed Bid documents shall be submitted personally or by registered post to the Sr. Manager (E/M) C&P, RHEP, NEEPCO, Yazali, Lower Subansiri. Dist, Arunachal Pradesh 791119, Phone No 03809-222206 (O) within the appointed date and time as indicated.
 - iv. The bids not supported by the adequate EMD will be summarily rejected. However, the SMSE registered firms under respective category are exempted from submitting the EMD.
 - b) The bid documents should be packed and duly sealed in envelopes clearly mentioning /super scribing the NIT No along with name of the work as indicated besides the bidders mailing address. Every page of the document shall be signed and stamped with proper seal bearing the full credential of the bidders.
4. **Qualifying criteria :**

The firm must have supplied similar items to reputed organizations, preferably PSUs, Copy of which must be enclosed. Preference will be given to suppliers/ manufacturers who have supplied similar items to other projects of this Corporation.
5. **Rate per unit basis:**
 - 5.1 Rate for the scope of supply of respective item against specification shall be “FIRM” till completion of supply irrespective of any quantity variation either upward or downward, i.e. Plus or Minus. No escalation of the rates quoted will be admissible.
 - 5.2 Bidders are to quote unit rates in numerical figures and words for the items indicated in Annexure-II. The Quoted amount shall be legibly written in English in ink, in Indian currency both in numerical figures and words. In case of any discrepancy between figures and words, the rates in words will govern and considered for evaluation and subsequent placement of supply order. In case of discrepancy between unit rate and the total amount, the unit rate will prevail and the amount will be corrected accordingly during evaluation. If the bidder does not accept the corrections made as above,

his bid will be rejected and the EMD submitted will be forfeited. Erasing, over writing, changes and cuttings shall be initialed by the bidders.

5.3 **Taxes, Duties & Levies:** Bidders shall quote their rates against respective item specification inclusive of all Packing and Forwarding Charges, Transportation & Insurance Charges, CST, Entry Tax (where ever Applicable), Excise Duty and all other taxes and Duties. However, all the Taxes and duties should be indicated separately. No extra charge on this account shall be paid by the corporation. The corporation will treat the quoted rates as final and inclusive of all components & taxes etc.

5.4 The rate shall be quoted for FOR Site Basis, which is the Central Store of Ranganadi Hydro Electric Plant located at 43 km, Yazali, Dist. Lower Subansiri, Arunachal Pradesh.

6. Payment Terms:

6.1 90% Payment will be released on receipt of all the materials in full and good condition at site. Remaining 10% will be kept as Performance Guarantee and will be released after expiry of the Defect Liability Period. No part payment/advance payment will be entertained.

6.2 Since the materials are to be supplied to FOR Site basis, any damage to the materials is the liability of the supplier. Hence, any defective materials after inspection of the same at site shall be replaced at no extra cost to the Corporation and the payment shall be released on satisfactory replacement of the same.

7. **Paying Authority :** - The Paying Authority Shall be Sr. Manager(F), F&A wing, RHEP NEEPCO Ltd., Yazali.

8. **Consignee:** - The Consignee shall be Manager (E), S&T, RHEP NEEPCO Ltd.

9. **Time of Completion:** The time of completion of work shall be 60(Sixty) days from the date of issue of the Order.

10. Exemption to Small Scale Industries.

Statutory exemptions for participating bidders registered under Small Scale Industries as per the Government of India Guidelines/ Norms shall be considered.

11. Clarification On Tender Document

Any prospective bidder requiring any clarification on the bid document regarding various provisions / requirements/ submission of the bid , may contact the Sr. Manager (E/M), C&P, RHEP, NEEPCO in writing by letter or fax/ email (e-mail id= dipankaroyrhep@yahoo.in, Phone No 03809-222206 (O), Fax No 03809-222212) within the date as prescribed in the NIQ.

12. Inspection / Testing of the Materials

The materials will be inspected at a NABL accredited Laboratory in presence of Authorized representative of RHEP. The testing of the items shall be carried out as per the specification of the relevant IS codes and the materials should conform to the IS codes of the relevant items as mentioned in the Annexure. Dispatch clearance of the materials at your Factory works / Godown premises shall be given by authorized representative of RHEP, after successful completion of the testing.

13. Compensation for Delay:

In case of delay in supply of items within the stipulated period indicated in clause no.9 above, compensation for delay at the rate of ½%(half percent) of the contract price shall be deducted for per week or part thereof of delay subject to a maximum of 10%(Ten percent) of the contract price. However, the purchaser reserves the right not to accept the delayed items and cancel the order depending upon the discretion of Competent Authority.

14. Performance Guarantee:

The supply shall be subjected to a defect liability period of 6(Six) months from the date of completion of supply in all respect. Any defect in the supply, detected after the completion of the supply within the defect liability period, shall be made good by the contractor at his own risk and cost, and no extra payment shall be made by the corporation.

- The nature and extent of defects to be considered for the purpose of Defect Liability, shall be decided by the Engineer-In-Charge and decision of Engineer-In-Charge in this matter shall be final and binding.
- The Sr. Manager (C), HSM, RHEP shall be the Engineer –In- Charge.
- On expiry of 06(Six) months from the date of completion, the Performance Guarantee shall be released. As security for the defect liability period, Security Deposit against Performance

Guarantee amounting to 10%(Ten percent) from the total supply value shall be retained from the certified date of completion and the same shall be released after expiry of defect liability period or defect rectification of supply if any arises or payment of final bill whichever is later.

15. Earnest Money Deposit :

Earnest Money @ 2.5% for General Contractors & 1% (one percent) for SC/ST contractor of the quoted value shall be submitted in the form of Bankers cheque /Demand Draft duly pledged in favour of NEEPCO Ltd., Yazali, Lower Subansiri, Arunachal Pradesh. Our banker is S.B.I., Yazali – 9917.

16. Submission of Documents

The following documents are to be submitted along with the bid document.

- (i) The Bidder should submit relevant documents supporting its credentials as Manufacturer / Authorized Dealer / Distributor of the materials along with the bid Documents.
- (ii) Copy of the Registration of the Firm
- (iii) TIN No & Copy of PAN Card.
- (iv) Bank solvency Certificate for a minimum of ` . 5 Lacs.
- (v) The copy of valid registration under SMSE if any, failing which the consideration under SMSE shall not be accepted.

17. Terms & Condition for Submission of Quotation:

- (i) Bid documents can be obtained from the Office of the Sr. Manager (E/M),C&P, RHEP, NEEPCO, Yazali, Arunachal Pradesh addressed to the Sr. Manager (E/M), C & P by paying a bid fee of ₹. 500.00 (Rupees Five Hundred only).
- (ii) The Bid document can be obtained from NEEPCO web site “www.neepco.gov.in” and downloaded document will be entertained subject to submission of cost of Bid document. Non submission of cost of Bid document for the downloaded Bid document shall be rejected.
- (iii) The SMSE registered firms under respective category are exempted from submitting the cost of bid documents.
- (iv) The Corporation can not be held responsible for non receipt and Postal delay.
- (v) Sealed Quotation is to be submitted to the undersigned during office hours namely, from 10: 00 hrs to 17:00 hrs on all working days either in person or by speed post as per the following:

Date, time & place of submission of bid	Date, time & place of opening of bid.
15/07/2013 up to 13:00 hrs, at Office of the Sr. Manager (E/M),C&P, RHEP, NEEPCO, Yazali, Arunachal Pradesh addressed to the Sr. Manager (E/M), C & P.	15/07/2013 at 15:00 hrs at Office of the Sr. Manager (E/M),C&P,RHEP, NEEPCO, Yazali, Arunachal Pradesh.

- (vi) Address for communication : The Sr. Manager (E/M), C & P, RHEP, NEEPCO Ltd.
P.O. Ranganadi Project, Yazali,
Arunachal Pradesh-791119,
Phone – 03809-222206, Fax – 222212
- (vii) Validity of bid : 180 (One Hundred Eighty) days.
- (viii) Quotation will be opened in the presence of Bidder or his authorized representative who chooses to attend on the specified date and time.
- (ix) In the event of the date specified for bid receipt and opening being declared as a closed holiday for Purchaser’s office, the due date for submission of bids and opening of bids will be the following working day at the appointed time and place.
- (x) Quotations received by Fax or E- mail shall not be accepted.
- (xi) The Corporation reserves the right to accept or reject any or all Quotations in part or full without assigning any reasons thereof and is not bound to accept the lowest bid.

Encl.: 1. Annexure- I (Technical Specification)
2. Annexure- II (BOQ).
3. Annexure- III (Drawings).

-Sd-
Sr. Manager (E/M), C&P
RHEP, NEEPCO Ltd. Yazali.

Technical specification

- i. **Specification:-** The materials shall conform to the requirements and specifications as laid down in latest edition of IS 15466:2004.
- ii. **Material description:-** Rubber for scale shall be fabricated from a high grade, trade type compound. The basic polymer shall be natural rubber, or a co-polymer of butadiene and styrene, or a blend of both. The compound shall contain not less than 70(seventy) percent, by volume, of the basic polymer, and the remainder shall consist of reinforcing carbon black, zinc oxide, accelerators, anti-oxidants, vulcanizing agents, and plasticizers. The compound shall have the following physical properties:
 - a. Shore A durometer hardness : 65 ± 5
 - b. Minimum elongation : 450 percent
 - c. Ultimate tensile strength : 14.5 N/mm^2
 - d. The rubber compound shall not absorb more than 10(Ten) percent by mass, of water, in seven days test.
 - e. The tensile strength of the test specimen, after being subjected to an accelerated ageing test of 48(Forty eight) hours in oxygen at 70°C and 2.1 N/mm^2 pressure, shall not be less than 80 (Eighty) percent of the strength of the test specimen before ageing.
 - f. The method of testing for the testing of the rubber seals shall be carried out as per codes as mentioned in IS 15466.
- iii. **Construction:**
 - a) Rubber seals may either be moulded or extruded ensuring a homogenous cross-section.
 - b) On the hollow bulb seals, a core of rubber stock may be used in the bulb at the splice.
 - c) Corner seals shall be moulded whenever layout permits.
- iv. **Test Report:**

Test report conducted on the materials shall be done in presence of our authorized representative from a NABL accredited test house shall be submitted along with the dispatch documents. Dispatch clearance of the materials at your Factory works / Godown premises shall be given by authorized representative of RHEP, after successful completion of the testing. Test conducted on the materials shall be in conformity with IS 15466:2004 including latest amendments / revision if any for the rubberized items. The testing of the other item to be done as per the relevant IS codes. Acceptance of the test report by the purchaser shall not relieve the supplier, in any way from the responsibility of the supplying the materials strictly in accordance with the relevant applicable Indian standards. In any case, the contractor shall remain fully responsible for satisfactory performance of the materials.

Supply of rubber Seals and fastening hardware for Radial Gates and Stop log gates

A. Rubber Seals for Stop Log Gates

Sl. No.	Description	Qty	Rate. (In ₹.)	Rate in words (In ₹.)	Amount (In ₹.)
1.	Solid valve rubber side seal. 44mmØ x 110mm x14mm th – 2050 mm long conforming to IS: 15466:2004.	36			
2.	Solid valve rubber side seal. 44mmØ x 110mm x14mm th – 1625 mm long conforming to IS: 15466:2004.	6			
3.	Solid valve rubber Top seal. 44mmØ x 110mm x14mm th – 10500 mm long conforming to IS: 15466:2004.	2			
4.	Bottom Seal 105mm x 20 mm th–10500 mm long conforming to IS: 15466:2004.	2			

B. Rubber Seals for Radial Gates.

Sl. No.	Description	Qty	Rate. (In ₹.)	Rate in words (In ₹.)	Amount (In ₹.)
1.	Hollow valve Rubber Side Seal 44 mm x 44 mm x 100 x 14 th – 7500 mm long. Conforming to IS: 15466:2004.	4			
2.	Top Angular Rubber Seal (95 deg.) 90 x 100 x 25 mm th – 10500 mm long. Conforming to IS: 15466:2004.	1			
3.	Bottom Rubber Seal. 130 mm x 20 mm th – 10500 mm long. Conforming to IS: 15466:2004.	1			
4.	Cotton reinforced rubber water gasket for packing. 4 mm th. 1000 mm x 10000 mm long.	2			
5.	6 mm Th. Neoprene Rubber Gasket. 1000 mm x 5000 mm long.	2			

C. Rubber Seals for Intake Gates. (Service Gate)

Sl. No.	Description	Qty	Rate. (In ₹.)	Rate in words (In ₹.)	Amount (In ₹.)
1.	Top Seal 100 x 14 Th x 5175mm long Conforming to IS: 15466:2004.	1			
2.	Corner seal 100 x 14 Th x (249.5 x 326)long Conforming to IS: 15466:2004.	2			
3.	Bottom Seal. 88 x 14 th x 5674 mm long. Conforming to IS: 15466:2004.	1			
4.	Side Seal 100 x 14 Th x 1993 mm long. Conforming to IS: 15466:2004.	2			
5.	Side Seal 100 x 14 Th x 2250 mm long. Conforming to IS: 15466:2004 .	2			
6.	Side Seal 100 x 14 Th x 2306 mm long. Conforming to IS: 15466:2004	2			

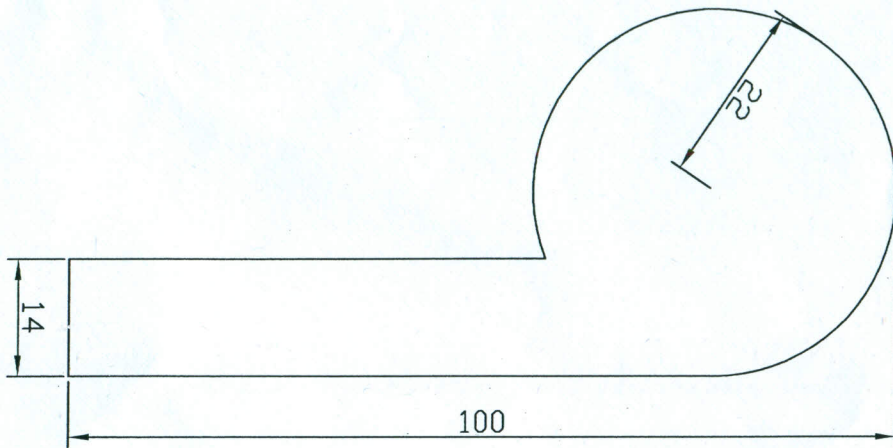
D. Rubber Seals for Emergency Gate

Sl. No.	Description	Qty	Rate. (In ₹.)	Rate in words (In ₹.)	Amount (In ₹.)
1.	Top Seal 100 x 14 Th x 5090 mm long Conforming to IS: 15466:2004 .	1			
2.	Corner seal 100 x 14 Th x (338 x 305.5)long Conforming to IS: 15466:2004 .	2			
3.	Bottom Seal. 88 x 14 th x 5786 mm long. Conforming to IS: 15466:2004 .	1			
4.	Side Seal 100 x 14 Th x 1993 mm long. Conforming to IS: 15466:2004 .	2			
5.	Side Seal 100 x 14 Th x 2250 mm long. Conforming to IS: 15466:2004 .	2			
6.	Side Seal 100 x 14 Th x 2306 mm long. Conforming to IS: 15466:2004	2			

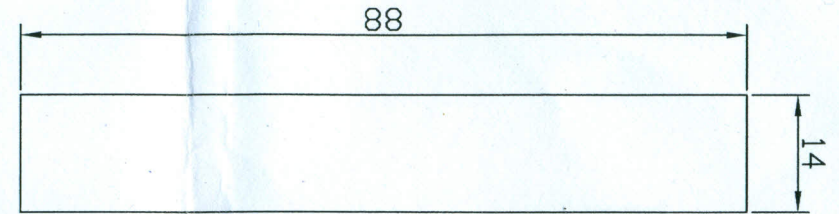
E. Fastening Hardware for Gates.

Sl. No.	Description	Qty	Rate. (In ₹.)	Rate in words (In ₹.)	Amount (In ₹.)
1.	Slotted 28 mm dia head C.S.K stainless steel 304 grade M16 x 85 mm long full threaded bolt with m16 Hex. S.S nut and S.S. Washer.	250			
2.	Slotted 28 mm dia head C.S.K stainless steel 304 grade M16 x 75 mm long full threaded bolt with Hex. S.S nut and S.S. Washer.	200			
3.	Slotted 28 mm dia head C.S.K stainless steel 304 grade M16 x 60 mm long full threaded bolt with Hex. S.S nut and S.S. Washer.	500			
4.	M16 x 85 mm long Hex head full threaded 304 grade stainless steel bolt with Hex. S.S. Nut and S.S. washer.	200			
5.	M16 x 85 mm long Hex head full threaded high strength steel bolt class 8.8 with M16 Hex. Nut and washer, class of nut 8	85			
6.	M 16 Ø C.S.K head S.S bolt with Nut and washer (Half Threaded) - 85 mm long.	200			
7.	M 16 Ø C.S.K head S.S bolt with Nut and washer (Half Threaded) - 75 mm long.	200			
8.	M 16 Ø C.S.K head S.S bolt with Nut and washer (Half Threaded) - 93 mm long	175			
9.	M16 Ø Hex head bolt with Nut and washer. (Half threaded), 100 mm long.	100			
10.	16 mm dia 55 mm long Screw.	50			
11.	16mm Ø Hex. Head Screw.	50			
	Total =				
	Details of Taxes =				
	Packaging &Transportation cost =				
	Grand Total =				

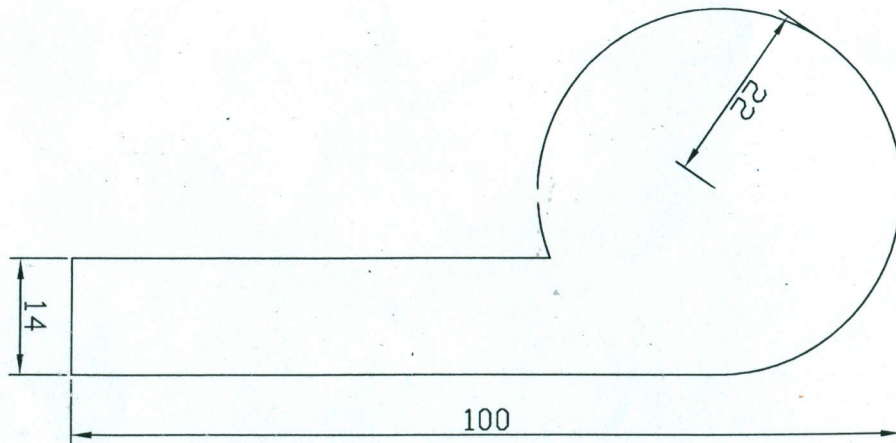
NOTE: DIMENSIONS ARE
IN MM.



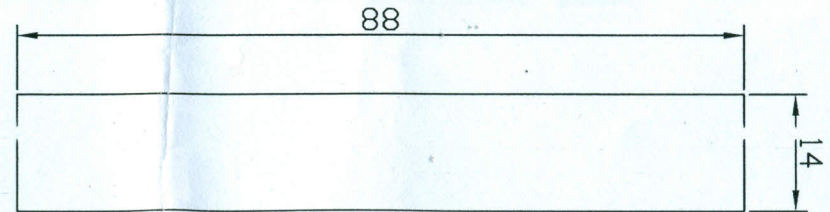
SECTION OF TOP, SIDE AND
CORNER SEAL OF SERVICE GATE



SECTION OF BOTTOM SEAL OF
SERVICE GATE



SECTION OF TOP, SIDE AND CORNER
SEAL OF EMERGENCY GATE

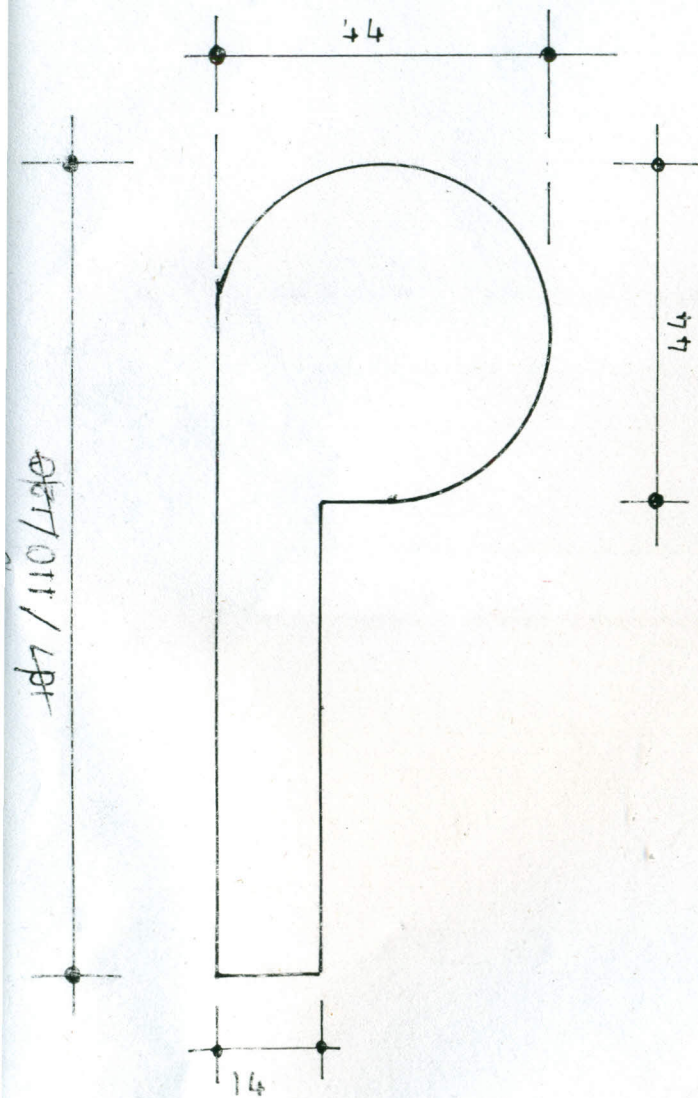


SECTION OF BOTTOM SEAL OF
EMERGENCY GATE

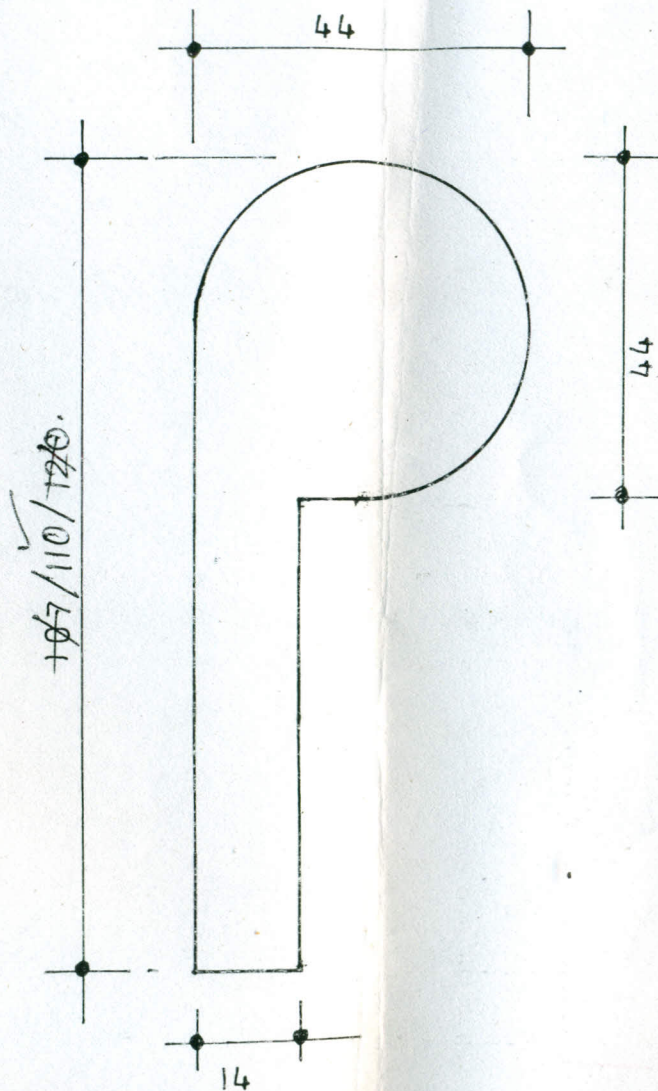
DETAILS OF RUBBER SEAL FOR STOP LOG GATE

ALL DIMENSIONS ARE IN MM

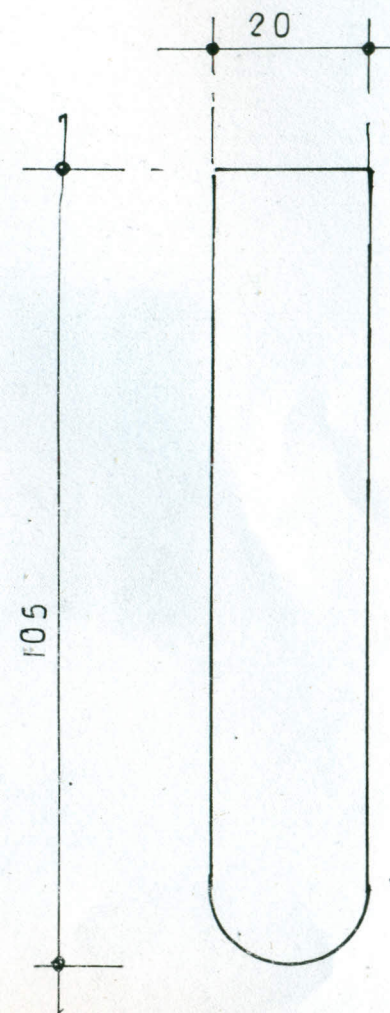
SCALE 1:1



CROSS SECTION OF
TOP SEAL



CROSS SECTION OF
SIDE SEAL



CROSS SECTION OF
BOTTOM SEAL

DETAILS OF RUBBER SEAL FOR RADIAL GATE

ALL DIMENSIONS ARE IN MM

SCALE 1 : 1

~~20~~ / 25 ✓

95°

~~85~~ / 95 100 ✓

~~85~~ / 90 ✓

CROSS SEC. OF TOP SEAL

25 Ø HOLE

44

44

14

100

CROSS SEC OF SIDE SEAL

~~16~~ / 20

130

CROSS SEC. OF
BOTTOM SEAL