



POF 1262-A
(INDIGENOUS
SUPPLIES)

Government of Pakistan
PAKISTAN ORDNANCE FACTORIES
TENDER ENQUIRY

To M/s

Dear Sirs,

Reference : TENDER ENQUIRY NO. **0020/LP/FILL/55**

DATED **19-MAR-25**

You are requested to submit quotations for the item(s) noted in the Schedule to the Tender. Please note the following instructions for filling the tender:-

1. SUBMISSION OF TENDER

- 1.1 Tenders will be opened at **12:00 hours** on **24-MAY-25** at Bid Centre adjacent to Rabita Hall, POF Wah Cantt. Quotation must be submitted electronically on **www.ebidding.pof.gov.pk** as well as in hard form (duly sealed in envelope) before 30 minutes of opening time. 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.

Tender Enquiry No: **0020/LP/FILL/55**

Tender to be opened on: **24-MAY-25**

Address as follows:-

(www.ebidding.pof.gov.pk) BID CENTER

ADJACENT TO RABITA HALL

POFs, WAH CANTT.

2. GENERAL INSTRUCTIONS REGARDING PREPARATION OF QUOTATIONS

- 2.1 **For Materials**, the prices should be filled in column 5 and delivery date in column 7 of the schedule to this Tender Enquiry. As per **PPRA Rule 36(b)**, **Single Stage two envelope method** will be utilized for "Open competitive bidding." Moreover, technical & commercial evaluation of Bids will be carried out strictly as per PPRA rules and contract(s) will be awarded to the most advantageous bidder(s).
- 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.

Cont....P-2

Part II "Commercial Offer": It should indicate the commercial terms e.g. price, terms of payment, mode of payment, mode of supply.

- 2.3 The quotation must remain valid for, at least 90 days from the date of opening of commercial tenders, extendable if so desired.
- 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.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's stores at **WAH CANTT**

In this case Octroi duty, will be payable by the supplier.

- 2.8 Taxes and Duties etc. where applicable, must be shown separately, quoting references to Registration No. in cases of Sales Tax and relevant authority in the case of others. Offers 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 material/products supplied by them, in their quotations and shipping/dispatch documents.
- 2.12 If the requisite information is not furnished on the T.E forms or offer received is not 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.

Contd...P-3

4. TENDER FEE

The tender must be accompanied by a copy of non-refundable fee by means of a crossed postal order/pay order for Rs. 500/- in favour of: **Director-Admin-POFs, Wah Cantt.** The tender fee instrument in original must be provided on day/date of tender opening in the Bid Center.

4.1 TENDER SAMPLE

Where required, offer must accompany 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 T.E.

5. BID Security

- 5.1 A copy of Bid Security should accompany the tender in shape of deposit at call receipt/Pay Order/Banker Cheque from scheduled bank drawn in favour of :-

GM-PP&C-FILL

- 5.2 Bid security instrument in original must be provided on the day/date of tender opening in the Bid Center as under:

- a. Registered/indexed firms including foreign firms - 2% of quoted value subject to the maximum ceiling of Rs. 0.5 Mn.
- b. Registered/un-indexed firms including foreign firms - 3% of quoted value subject to the maximum ceiling of Rs. 0.75 Mn.
- c. Unregistered Firms including foreign firms - 5% of quoted value subject to the maximum ceiling of Rs. 1.00 Mn.
- d. Govt organization/production units/state owned enterprises/welfare projects of Svcs HQ - Rs 0.50 M. can be waived off on request by DG(C)
- e. Bid money will be returned to unsuccessful (less first three lowest quotee firms) bidders on opening of commercial offers
- f. Bid money will be returned to successful bidders on submission of performance bond/unconditional B.G.
- g. Quotation accompanied with less bid money will be accepted on provisional basis for 10 x days after opening of bids. However the firms are bound to provide/furnish the balance bid money within 10 x days after opening of bid otherwise such quotations will be ignored or rejected
- h. Offers received without Bid Security will not be entertained.
- i. Bid money will be forfeited in case the quotation is withdrawn before the expiry of its validity date.

6. ACCEPTANCE OF OFFERS

- 6.1 POF may reject all bids or proposals at any time prior to the acceptance of bid(s) or proposal, but is not required to justify grounds for its rejection. POF shall incur no liability towards supplier or contractor who have submitted bids or proposals.

6.2 PERFORMANCE BOND

- (a) The successful bidders shall provide performance bond which shall not exceed 10% of contract value, in the form of Deposit At Call Receipt from a scheduled Bank; or, an un-conditional Bank Guarantee on a prescribed format. The performance Bond will be in favour of C.M.A.(POF) Wah Cantt. It will be returned on satisfactory completion of contract.
- (b) 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.

6.3 Performance Bond from State owned organizations may be waived off at the discretion of the Purchaser.

6.4 FAILURE TO SUPPLY THE STORES

All deliveries must be completed by the specified date. In case of 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.

6.5 PAYMENT

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.

(a) Payment of duties/Taxes including professional tax (where applicable) must be supported by proof of having paid these to concerned Govt. Taxation Deptt.

7. 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 authorised in writing by POFs to receive it.

Please return the Schedule to the Tender duly signed by the specified date, along with 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 be liable to be removed from the approved list.

Yours faithfully

**SUMAIRA YAMIN
MANAGER**

for PAKISTAN ORDNANCE FACTORIES

PAKISTAN ORDNANCE FACTORIES

SCHEDULE TO TENDER NO. 0020/LP/FILL/5519-MAR-25**(1) FOR MATERIALS**

(1)	(2)	(3)	(4)	(5)	(6)		(7)
Item No.	Description with Specs. etc.	Unit	Qty	Quoted Value	Price Per Unit FOR or free delivery		Delivery Date
					In Figures	In Words	

1	CEMENT RD-1158 G SPEC NO. TS-50128	KG	735				WITHIN 03 MONTHES
2	CEMENT RD-1279 C.S-2840-C	KG	190				WITHIN 03 MONTHES

Total Rs =	
+ GST =	
Total value Rs =	

(2) For Plant & Machinery:
Specification:-

(3) Special Conditions

(1) Required Delivery period: 03 Months after placement of contract.

(2) Inspection of store will be carried out for item # 01 by officer Commanding PMID POF Wah Cantt & I OF ARMTS Rawalpindi for item # 02

(3) Firms registered with Sales Tax and Income Departments who are on Active Taxpayers List (ATL) of FBR are eligible to participate in the bid. Documentary proof of the same must be attached with the bid.

(4) If the firm is participating 1st time in tender of requisite store, the sample of requisite store free of cost strictly as per required parameters have to be submitted alongwith technical quotation.

(5) The tender received without electronic means will not be entertained. You may witness the opening of tender if you so desire. If a representative is deputed, he should bring a letter of authority.

(6) Hard copy of both technical & financial quotation must also be reached to Bid Centre before tender opening. Photocopy of bid money hiding the amount must be accompanied with technical quotation.

(7) Quotation must remain valid for 90 days from date of commercial tender opening and should hold good for any reduced or enhanced quantity.

(8) Photocopy of NTN & PTC Certificate duly attested by Gazetted Class-I Officer must be attached with the bid.

(9) Participating firms should have not defaulted in any contract with POF or any other govt. organization.

(10) Bids will be opened as per PPRA Rule 36 (b) "Single Stage-Two Envelope Procedure" in which the bid shall comprise of two separate envelopes: Technical proposal and commercial proposal. Initially only Technical Offer will be opened.

(11) Price escalation clause is not allowed. No fax or e-mail offer will be accepted.

(12) Supplier must accept all the terms and conditions embodied in the form POF 1281 (General conditions of contract) and in T.E general instructions Performa form POF 1262 A (indigenous supplies).

(13) Rates and sales Tax must be shown separately otherwise rate will be considered inclusive of G.S.T.

(14) Please clearly confirm our specs / drawing. Conditional or alternative offers are likely to be ignored.

(15) The store must be protected adequately and appropriately against damages from environmental effects, water or other substances during journey/transportation to withstand the rough handling involved in the transit and provide preservation of store while held in the storage by the supplier.

(16) Any quantity of store, if found defective functionally will essentially be replaced by the supplier free of cost under his own arrangements.

(17) The firm will be liable to deposit of stamp duty @ 0.25% of contract value to respective revenue

PAKISTAN ORDNANCE FACTORIES

SCHEDULE TO TENDER NO. 0020/LP/FILL/5519-MAR-25

(1)	(2)	(3)	(4)	(5)	(6)		(7)
Item No.	Description with Specs. etc.	Unit	Qty	Quoted Value	Price Per Unit FOR or free delivery		Delivery Date
					In Figures	In Words	

office.

(18) Clearly confirm shelf life in your technical quotation for minimum 03 years from the time of supply.

(19) Please return copy of undertaking of TE duly signed and stamped.

(20) The firm will be liable to deposit of stamp duty @ 0.25% of contract value to respective revenue office.

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 _____

Signature of the Tenderer _____

Name _____

Position _____

Address _____

Income Tax G.I.R. No _____

Official Stamp _____

This specification relates to a waterproof cement for use in various
armament stores.

RELATED DOCUMENTS

a. Reference is made herein to:

BS 410	'Test sieves'
BS 1795	'Extenders for paints'
BS 3591	'Industrial methylated spirits'
DEF-1172	'Shellac, dewaxed, LF Quality'
DEF STAN 68-15	'Di (methylcyclohexyl) phthalate, technical, and di (methylcyclohexyl) phthalate, technical, (LF Quality)'.

b. Reference to a document, undated, means the edition current at the date
of the tender or contract for which this specification is invoked.

DESCRIPTION AND COMPOSITION

The material shall be in the form of a homogeneous mixture, free from
visible impurities and foreign matter. It shall consist of the following
ingredients in the proportions by weight shown:

INGREDIENT	PROPORTION	SPECIFICATION
Shellac, dewaxed, LF Quality	30	DEF-1172
Di (methylcyclohexyl) phthalate, LF Quality ...	5	DEF STAN 68-15
Asbestine, grade 1 (see Note)	45	BS 1795
Industrial methylated spirit 61 degrees OP ...	20	BS 3591

NOTE: The coarse particles and grit content of the asbestine, determined
by the method described in Annex A, must not exceed 0.1%.

Each ingredient used in the manufacture of this material shall comply
with the requirements of the current edition of the appropriate specification
shown in the Table.

TEST REQUIREMENTS

Samples taken from any portion of the supply shall be in accordance with clause 3, and shall comply with the following requirements when determined by the method described in Annex B:

Sieving:⁴

Retained on a 250 micron BS sieve	nil
Retained on a 63 micron BS sieve per test	0.1 max

⁴Particulars of the sieves will be found in British Standard 410.

3. CONTAINERS AND MARKING OF CONTAINERS

a. The material shall be packed in sound, clean and dry containers of the type and capacity specified in the contract or order. After packing, each container shall hold the stipulated quantity and shall be securely closed.

b. Each container shall be legibly and durably marked as called for by statutory requirements and, unless otherwise required by the terms of the contract or order, with the following details:

KATO Stock, or Service Reference number, as shown in the contract or order

Description viz: CEMENT RD 1158G

Specification number viz: TS 50128

Contract or order number

Distinctive lot or batch number

Quantity of contents

Date of manufacture

Contractor's initials or recognized trade mark.

c. The paint or other material used for marking, and any other paint used on the containers, shall be of good quality and to the satisfaction of the Quality Assurance Authority.

d. The inclusion of any foreign matter in any of the containers will render the whole consignment liable to rejection.

4. INSPECTION

The Cement RD 1158G, the containers in which it is packed, and the markings on the containers, shall be to the satisfaction of the relevant Quality Assurance Authority.

Samples of the material and of the containers may be taken from any portion of the consignment and at any stage of manufacture. If on examination any sample is found not to comply with the requirements of this specification, the whole consignment may be rejected. All samples shall be supplied free of charge.

ANNEX A

DETERMINATION OF COARSE PARTICLES AND GRIT (ASBESTINE)

Weigh 10 g of the asbestine into a 100 ml beaker and disperse by heating with a 10% (v/v) aqueous solution of Industrial methylated spirits. Wash the resultant mixture through a 63 micron BS sieve using a jet of hot Industrial methylated spirits 74° OP. Transfer the dry material remaining on the sieve to a beaker, and digest on a water bath with 50 ml of aqua regia (3 vols concentrate hydrochloric acid to 1 vol concentrated nitric acid) for 3 hours.

Dilute with 150 ml of water, decant off and discard the supernatant liquid and digest the remainder with a further 50 ml portion of aqua regia. Dilute with 150 ml of water and filter through an ashless filter paper. Ignite the filter paper and the retained material. Carefully brush the resulting ash through a 250 micron BS sieve and then through a 63 micron BS sieve. Weigh the material retained on each sieve.

Express the total weight of material retained on the sieves as per cent of the asbestine.

ANNEX B

DETERMINATION OF COARSE PARTICLES AND GRIT (CEMENT)

Weigh 5 g of the cement into a 100 ml beaker and break it down by boiling with Industrial methylated spirits 74° OP. Wash the resultant mixture through a 63 micron BS sieve using a jet of hot Industrial methylated spirit 74° OP. Transfer the dry material remaining on the sieve to a beaker, and digest on a water bath with 50 ml of aqua regia (3 volumes concentrated hydrochloric acid to 1 volume concentrated nitric acid) for 3 hours.

Dilute with 150 ml of water, decant off and discard the supernatant liquid and digest the remainder with a further 50 ml portion of aqua regia. Dilute with 150 ml of water and filter through an ashless filter paper. Ignite the filter paper and the retained material. Carefully brush the resulting ash through a 250 micron BS sieve and then through a 63 micron BS sieve. Weigh the material retained on each sieve.

Express the total weight of material retained on the sieves as per cent of the cement.

Any question that may arise relative to this specification should be referred to the Director of Chemical Inspection, The War Office

POLYSTYRENE CEMENTS AND VARNISHES

RD.1212A, RD.1221A, RD.1276A and RD.1279

02/45

Date of approval 17th October, 1955

SCOPE

This specification covers the supply of certain cements and varnishes based on polystyrene for armament purposes.

RELATED DOCUMENTS

(a) Reference is made in this specification to:-

- | | |
|--------------------------------|--|
| (i) British Standard 188, | 'Methods for the determination of the viscosity of liquids in c.g.s. units'. |
| (ii) British Standard 458, | 'Xylenes'. |
| (iii) British Standard 580, | 'Trichloroethylene'. |
| (iv) British Standard 805, | 'Toluenes'. |
| (v) British Standard 1940, | 'Ethyl methyl ketone (methyl ethyl ketone)'. |
| (vi) British Standard 1999, | 'Tritolyl phosphate'. |
| (vii) Specification DEF-1053, | 'Standard methods of testing paint, varnish, lacquer and related products'. |
| (viii) Specification C.S.1843, | 'Dyes for shellac lacquers'. |
| (ix) Specification C.S.2803, | 'Polystyrene material'. |

(b) Reference in this specification to a British Standard undated, a DEF or C.S. specification, means, in any tender or contract, the edition current at the date of such tender or contract.

INFORMATION TO BE SUPPLIED BY THE PURCHASER

The purchaser shall state clearly in his order which cement or varnish is required and whether it is to be coloured or clear.

COMPOSITION

The cement or varnish shall be prepared from the ingredients in the proportions by weight as shown:-

INGREDIENTS	VARNISH RD.1212A	CEMENT RD.1221A	VARNISH RD.1276A	CEMENT RD.1279
Polystyrene material for armament compositions	8	25	8	21
Tritolyl phosphate	-	-	8	7
Coumarone resin	-	-	8	-
*Dye oil orange	-	-	0.25	-
*Solvent red 51	-	0.2	-	0.2
Ethyl methyl ketone	-	75	76	-
Toluene	-	-	-	72
5% Xylene	2	-	-	-
Chlorinated paraffin wax (Cereclor 1)	2	-	-	-
Trichloroethylene, type 2 ..	88	-	-	-

*Dyestuff to be added if cement or varnish is required to be coloured.

5. MATERIALS USED IN MANUFACTURE

The ingredients used for these compositions shall comply with the appropriate current approved specifications and any additional requirements, as shown below:-

Toluene	B.S.805/1
Ethyl methyl ketone	B.S.1940
5° Xylene	B.S.458/4
Trichloroethylene, type 2	B.S.580
Dye, oil orange	C.S.1843
Polystyrene material for armament compositions, lead free	C.S.2803
Coumarone resin C.460 obtainable from British Resin Products Ltd.	
Chlorinated paraffin wax (Cerecolor 1) obtainable from I.C.I. Ltd.	
Solvent red 51 - Orasol brilliant fast red RG obtainable from Clayton Dyestuffs Co. Ltd.	

Tritolyl phosphate shall comply with the requirements of B.S.1999 except that the acidity when determined as described in Appendix C of the Standard shall not be greater than 0.01 per cent.

6. MANUFACTURE

The ingredients shall be agitated in a closed vessel until solution is complete. The viscosity of the solution shall be adjusted by addition of the appropriate solvent to comply with the requirements of sub-clause 8(c) but the volatile matter shall remain within the limits stated in sub-clause 8(b).

7. SAFETY OF OPERATIONS

Nothing in this specification shall relieve the contractor of his responsibility for the safety of his operations.

8. TESTING

- (a) General. The cement or varnish shall comply with the appropriate composition set out in clause 4 and shall be in the form of a clear liquid, free from sediment or suspended matter.
- (b) Volatile matter. The percentage loss in weight when a known quantity of the material is dried to approximately constant weight at $100 \pm 5^\circ\text{C}$ shall be recorded as the volatile matter, and shall be within the limit specified for the appropriate composition in the table below.
- (c) Viscosity. The viscosity of the material determined at $25 \pm 0.5^\circ\text{C}$ in accordance with B.S.188 shall fall within the range specified for the appropriate composition in the table below.
- (d) Drying time. When the material is flowed on to a tin-plate sheet at a temperature of $15.5-21^\circ\text{C}$ ($60-70^\circ\text{F}$) and is allowed to drain in a vertical position at that temperature, it shall become dry within the time specified for the appropriate composition in the table below when tested according to specification DEF-1053, Method No. 7.

	VARNISH RD.1212A	CEMENT RD.1221A	VARNISH RD.1276A	CEMENT RD.1279
Volatile matter (sub-clause 8b)	Not greater than 92 per cent	Not greater than 80 per cent	Not greater than 82 per cent	69-73 per cent
Viscosity (sub-clause 8c)	35-55 centistokes	180-290 centistokes	7-11 centistokes	710-930 centistokes
Drying time (sub-clause 8d)	Not greater than 10 minutes	Not greater than 5 minutes	Not greater than 5 minutes	Not greater than 10 minutes

- (e) Freedom from lead. The material shall not contain lead or lead compounds, calculated as metallic lead, together in excess of 0.03 per cent.

9. CONTAINERS AND MARKING OF CONTAINERS

The material shall be filled into sound, clean and dry approved containers which after filling shall hold an agreed quantity and shall be securely closed.

The containers shall each be legibly and durably marked with any markings called for by statutory requirements and in addition with the following details:-

Description as shown in the title of this specification
Specification number
Contract, order or extract number
Distinctive lot or batch number
Consecutive container number
Tare and net weights
Date of supply
Contractor's initials or recognised trade mark
Additional markings called for in the contract or order.

The amount of lead or lead compounds, calculated together as metallic lead, shall in no part of the containers exceed 0.5 per cent. This restriction applies to the material used in the construction of the packages, any metallic coating thereof, and any solder used for their manufacture, repair or sealing.

Any paint used on the containers and the paint or other materials used for marking shall not contain lead or lead compounds, calculated as metallic lead, together exceeding 0.2 per cent.

10. INSPECTION

The material and the containers in which it is filled shall be to the satisfaction of the Inspection Authority.

Samples of the material and of the containers may be taken from any portion of the consignment and at any stage of manufacture. If on examination any sample be found not to comply with the requirements of this specification, the whole consignment may be rejected. All samples shall be supplied free of charge.

THE WAR OFFICE

E. BOWER
for D.G. of A.

THIS SPECIFICATION IS ISSUED BY:-

THE DIRECTOR OF CHEMICAL INSPECTION,
THE WAR OFFICE,
CHEMICAL INSPECTORATE,
HEADQUARTERS BUILDING,
ROYAL ARSENAL,
WOOLWICH,
LONDON, S.E.18.