



**GOVERNMENT OF PAKISTAN**  
**PAKISTAN ORDNANCE FACTORIES**  
**WAH CANTT**

**INVITATION TO BID**

01. POFs Supply Chain Management invites sealed bids from the Manufactures/Authorized Dealers/Suppliers who are on active tax payer list of FBR, registered with income tax and sales tax Department for supply of following items: -

Sr.#	T.E #	Store	Qty
1.	0052/LP/FILL/54 Dated: 06-03-2024	Dye C I Solvent Green 3 Type QX-A	300 Kg
2.	0057/LP/FILL/54, Dated: 29-02-2024	Solvent Red No.4	49 Kg

02. Bidding documents containing itemwise detail, specifications and all other terms & conditions are available for the interested bidders at the office of the undersigned OR can also be downloaded from POF website ([www.ebidding.pof.gov.pk](http://www.ebidding.pof.gov.pk)) free of cost.
03. The bids completed in all respects, must be submitted online on above mentioned portal on or before **27.04.2024** but not later than closing time **1130 hrs**. The Tenders will be opened at **1200** hrs on the same date.

**Director Supply Chain Management**  
**Tel:** 051-9055-221044 & 22284  
**Fax:** 051-9314100,  
**Email:** [procurement@pof.gov.pk](mailto:procurement@pof.gov.pk)  
[mdfill@pof.gov.pk](mailto:mdfill@pof.gov.pk)

CI Solvent Green 3, Type OX

ITEM NO	PROPERTY	REQUIREMENT	M C
1	Volatile matter (one hour at $(103 \pm 2)^\circ\text{C}$ ), %	0.5 max	7
2	Ash, sulfated, %	1.0 max	7
3	Gritty matter:		7
	a. Retained on a 63 $\mu\text{m}$ sieve, %	0.15 max	
	b. Retained on a 250 $\mu\text{m}$ sieve, %	0.05 max	
	c. Retained on a 425 $\mu\text{m}$ sieve, %	0.005 max	
4	Matter soluble in water, %	0.5 max	7
5	Reaction of aqueous extract:		7
	a. Acidity to pH 4.5	nil	
	b. Acidity to pH 8.0 calculated as $\text{H}_2\text{SO}_4$ , %	0.05 max	
	c. Alkalinity to pH 8.0, calculated as $\text{Na}_2\text{CO}_3$ , %	0.05 max	
6	Sulfur and sulfide, calculated as S, %	0.01 max	7
7	Ammonium compounds, calculated as $\text{NH}_4$ , %	0.01 max	7
8	Sieving (wet):		7
	Material retained on a 250 $\mu\text{m}$ sieve, %	1.0 max	
9	Bulk density:		7
	a. Type A, g/cm <sup>3</sup>	0.45 min	
	b. Type B, g/cm <sup>3</sup>	0.30 min	
		0.40 max	
10	Identity test (Infra red spectrum)	to comply	7

T.E # 57-CP-Fil-54

**Solvent Red No.4 Spec. Parameters DEF-1430**

S.No	Test Name	Specified limit
(a)	Volatile matter	2.0% Max
(b)	Insolubility in Solvents	5% Max
(c)	Ash	4%
(d)	Water Soluble Chloride Content calculated as NaCl	0.25%