

Pakistan International Airlines **Supply Chain Management Department**

Purchase Technical Commercial

SCM Building Near PIA HO Karachi Airport Pakistan
Tel: +92 21 99044483/99043048 email: dgm.ptc@piac.aero

EVALUATION REPORT

(As Per PPRA Rule No. (35) / 2004)

1. Name of Procuring Agency:	Pakistan International Airlines
2. Method of Procurement:	Single Stage Single Envelope
3. Title of Procurement:	AIRCRAFT PAINT
4. Tender Inquiry No.:	GMP/AC-PANT/01/2020
5. PPRA Ref. No. (TSE):	TS411818E
6. Date & Time of Bid Closing	12-02-2020 10:30 AM
7. Date & Time of Bid Opening	12-02-2020 11:00 AM
8. No. of Bids Received:	04
9. Criteria for Bid Evaluation:	As per Bidding Document
10. Details of Bid(s) Evaluation:	

Name of Participated Bidder(s)	Technical Proposal Status	Financial Proposal Status
(01//4)M/s MANKEIWEICZ GERMANY	Accepted	See details next pages
(2//4)M/s AKZO NOBLE NETHERLANDS	Accepted	See details next pages
(3//4)M/s AIRCHEM CONSUMABLES FZE UAE	Accepted	See details next pages
(4//4)M/s PPG UAE	Accepted	See details next pages

NB: In case of any grievance on above Evaluation Report to any participating party, please contact with DGM-PTC on above contact number(s) within period of 10 days after publication of this report.

PAINT AND ALLIED ITEMS- BID EVALUATION REPORT

DATED :09-04-2020

BASED ON SINGLE STAGE TOPCOAT

	MANKEIWEICZ	AKZONOBLE		AIRCHEM	PPG
	H/S TOPCOAT 411-77	AVIOX 77702	ECLIPS	PT 6006	CA8800
MIXING RATIO	1+0.5+0.5	1+0.5+0.5	1+0.5+0.5	1+0.5+0.25	1+0.5+0.5
INDUCTION TIME	0 MINUTE	0 MINUTE	15-30 MIN	0 MINUTE	0 MINUTE
POT LIFE	4 HRS	1- 2 HRS	3-4 HRS	2 HRS	1-3 HRS
DRY THICKNESS	70-105 μ	50-130 μ	51-76 μ	50-70 μ	50-75 μ
EQUIPMENT	HVLP	HVLP	HVLP	HVLP	HVLP
DRY TIME	8 - 24 HRS	3-12 HRS	3-12 HRS	48 HRS	6-30 HRS
COVERAGE	11 m ² /60μm/LTR	20m ² /50μm/LTR	22m ² /25μm/LTR	13 m ² /30μm/LTR(as per email)	7 m ² /80μm/LTR (as per email)
COVERAGE m ² /1μ	660 m ² /μ/LTR	1000 m ² /μ/LTR	550 m ² /μ/LTR	390 m ² /μ/LTR	560 m ² /μ/LTR
WEIGHT INCREASE	1.4 g/ m ² /μ	1.44 g/ m ² /μ	1.5 g/ m ² /μ	1.6 g/ m ² /μ	1.48 g/ m ² /μ
GLOSS	90 +	90+	90 +	95 +	90 +
SHELF LIFE	02 YEARS	02 YEARS	02 YEARS	02 YEARS	01 YEARS
MIXTURE PRICE/L	24.7 EURO	31.11 EURO	38.19 EURO	47.88 EURO	32.04 EURO 34.98 DOLLAR
PACKING CHARGES/L	1.55 EURO	2.5 EURO	2.5 EURO	2.5 EURO	2.3 EURO
TOTAL MIX PRICE/L	26.25 EURO	33.61 EURO	40.69 EURO	50.38 EURO	34.34 EURO
PRICE PER 1m ² /1μ	0.0397 EURO	0.0336 EURO	0.0739 EURO	0.1291 EURO	0.0613 EURO

NOTE:

- 1-ALL CALCULATIONS AND ASSESSMENTS ARE BASED ON DATA PROVIDED BY BIDDERS.
- 2- DIFFERENT TECHNOLOGIES/METHODS WERE PROVIDED BY BIDDERS, HOWEVER ONLY TOPCOAT METHOD HAS BEEN ENTERTAINED DUE TO COMPATIBILITY WITH OUR RUNNING SYSTEM IN PIA.
- 3- COVERAGE AREA WAS PROVIDED BY BIDDERS IN DIFFERENT VALUES, TO COMPARE ALL PRODUCTS IN TRUE MANNER ALL VALUES WAS CONVERTED TO 1M²/1μ/LTR

FOR EXAMPLE 11 m²/60μm/LTR IS EQUAL TO 660 m²/μ/LTR (11 MULTIPLY 60)

- 4- CALCULATION IS MADE ON TOTAL MIXTURE PRICE/LITER IN ACCORDANCE WITH ITS COVERAGE AREA.

- 5- FINAL ORDER QUANTITY WOULD BE FINALIZED BY PIA.

51
 14/4

9/4/20

PRIMER

	MANKEIWEICZ	AKZONOBLE		AIRCHEM	PPG
	492-11	2114	10P20	PP5005	PAC33CF
MIXING RATIO	1+0.5+0.5	1+0.5+0.5	1+0.5+0.5	1+0.25+0.25	1+0.20+1
INDUCTION TIME	0 MINUTE	15 MINUTE	15 MINUTE	0 MINUTE	0 MINUTE
POT LIFE	4 HRS	3 HRS	4 HRS	2 HRS	8 HRS
DRY THICKNESS	25-35 μ	15-25 μ	15-25 μ	35-55 μ	15-25 μ
EQUIPMENT	CONVENTIONAL	CONVENTIONAL	CONVENTIONAL	HVLP	HVLP
DRY TIME	3 HRS	3 HRS	3 HRS	3 HRS	48 HRS
COVERAGE	12 m ² /25 μm/LTR	20.9 m ² /20 μm/LTR	29.2 m ² /15 μm/LTR	20 m ² /30 μm/LTR	11 m ² /15 μm/LTR (as per email)
COVERAGE m ² /1μ	300 m ² /μ/LTR	418 m ² /μ/LTR	438 m ² /μ/LTR	600 m ² /μ/LTR	165 m ² /μ/LTR
WEIGHT INCREASE	1.8 g/ m ² /μ	1.73 g/ m ² /μ	1.67 g/ m ² /μ	1.6 - 2 g/ m ² /μ	1.85 g/ m ² /μ
GLOSS	N/A	10 GU	10-60 GU	N/A	N/A
SHELF LIFE	1.5 YEARS	1-2 YEARS	2 YEARS	2 YEARS	2 YEARS
MIXTURE PRICE/L	16.05 EURO	23.82 EURO	22.50 EURO	41.23 EURO	17.54 DOLLAR 16.03 EURO
PACKING CHARGES/L	1.55 EURO	2.5 EURO	2.5 EURO	2.5 EURO	2.3 EURO
TOTAL MIX PRICE/L	17.60 EURO	26.32 EURO	25 EURO	43.73 EURO	18.33 EURO
PRICE PER 1m ² /1μ	0.0586 EURO	0.0629 EURO	0.0570 EURO	0.0728 EURO	0.1110 EURO

LOWEST

TOTAL PRICE /1m ² /1μ (PAINT+PRIMER)	0.0983 EURO	0.0965 EURO	0.1309 EURO	0.2019 EURO	0.1723 EURO
---	-------------	-------------	-------------	-------------	-------------

Zink
14-4

Alia
9/4/20

CLEANING SOLVENT

LOWEST

	MANKEIWEICZ	AKZONOBLE	AIRCHEM	PPG
PRICE PER LTR	3.95 EURO	8.02 EURO	10.16 EURO	3.08 DOLLAR 2.82 EURO

NOTE:

1-ALL CALCULATIONS AND ASSESSMENTS ARE BASED ON DATA PROVIDED BY BIDDERS.

3- COVERAGE AREA WAS PROVIDED BY BIDDERS IN DIFFERENT VALUES, TO COMPARE ALL PRODUCTS IN TRUE MANNER ALL VALUES WAS CONVERTED TO 1M²/1μ/LTR

FOR EXAMPLE 12 m²/25 μm/LTR IS EQUAL TO 300 m²/μ/LTR (12 MULTIPLY 25)

Technical Evaluation regarding coverage in per liter is done by Engineering, as an expert of the subject matter, which has changed the lowest on coverage onus of responsibility is on Engineering regarding coverage. Only rates are verified.

[Signature]
9/4/20
DCE AIRCRAFT FURNISHING (BM)

DGM FINANCE (TECHNICAL)

DCE AIRFRAME (AWM)

CE BASE MAINTENANCE

[Signature]
14/04/20
DGM PURCHASE TECH

Agreed with remarks of DGM Finance Technical.

[Signature]
GM PROCUREMENT 14.4.2020