

(TECHNICAL EVALUATION REPORT)

As per rule 35 of PP Rules, 2004

- | | |
|--|---|
| 1. Name of Procuring Agency | DIRECTORATE GENERAL IMMIGRATION & PASSPORTS, ISLAMABAD |
| 2. Method of Procuring | Open Competition bidding Two Stage (Technical + Financial) Two Envelop Procedure) |
| 3. Title of Procurement | PROCUREMENT OF PASSPORTS SECURITY LAMINATE PATCHES |
| 4. Tender inquiry No | 01/06/2023/SLT/LOG/DGIP |
| 5. PPRA Ref. No. (TSE): | TS536542E |
| 6. Date & time of bid closing | 09.05.2024 till 1:00 PM |
| 7. Corrigendum Date | 08.05.2024 |
| 8. Revise date & time of Bid Closing | 30.05.2024 till 1:00PM |
| 9. Date and time of Bid Opening | 30.05.2024 till 1:30PM |
| 10. No. of Copies of Tender Documents sold | 04 |
| 11. No of bids received | 02 |
| 12. Criteria for bid evaluation | Bid evaluation, Sample testing and its evaluation |

Name of Bidders	Technical evaluation (bid + sample + Domain Experience) 570/700	Rule/Regulation/SBD*/Policy/ Basis for Rejection / Acceptance as per Rule 35 of PP Rules, 2004
M/s Surys	693.75	M/s Surys fulfilled the mandatory criteria as per tender document clause 8 i.e. evaluation of tender, 8.2 Preliminary Examination and 8.3 detailed evaluation, M/s stands qualified as it secured total 693.75 marks out of 700, the detail of each parameter is enclosed in technical evaluation sheet. Hence considered for further process i.e. opening of financial Bid.
M/s OpSec Security Inc.	645.75	M/s OpSec Security Inc. secured 345.75 marks under category B conformance to the technical specification under which the minimum qualifying marks are 360/400. Hence, in terms of technical specification "mentioned at part B, conformance to the Exhibit Ai, Aii and L1", hence, M/s OpSec stands technically disqualified. Although, M/s OpSec secured 645.75 marks against total 700 marks, but failed to qualify in terms of technical specification. The detail of each parameter is enclosed in technical evaluation sheet. Hence could not consider for further process.

SIGNATURE

Official Stamp:

Standard Bidding Documents (SBD)

ASIM FAWAD MINZA
Director (NW)/Finance & Logistics
Chairman, Procurement Committee

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MINUTES OF THE MEETING

Subject: MEETING OF THE INTERNAL TECHNICAL EVALUATION COMMITTEE TO FINALLIZE THE TECHNICAL EVALUATION OF BIDS FOR SUPPLY OF SECURITY LAMINATE HELD ON 13-09-2024

A meeting regarding Internal Technical Evaluation Committee was held in the Conference Room of Directorate General of Immigration & Passports on September 16, 2024 at 11:00hrs under the Chairmanship of Director (SAP) in order to carry out the Technical evaluation of two bids regarding Supply of Security Laminates for Production Facility submitted by the following two bidders:-

a. M/s. Surys

b. M/s. Opsec

2. Following were the participants of the said meeting:-

i.	Director (SAP)	Chairman
ii.	Director (Database)	Member
iii.	Director (Network)	Member
iv.	Hardware Specialist	Member
v.	Forensic Specialist	Member
vi.	Incharge Production	Member
vii.	Printing System Incharge (e-Passport)	Member
viii.	Assistant Accounts Officer (Logistics)	Secretary Committee

3. The Secretary Committee informed the participants that these bids were evaluated by the Internal Technical Evaluation Committee in the light of criteria sheet of the tender document.

a). General Profile Evaluation Report (Exhibit E)

b). Lab Test Evaluation Report (Exhibit Ai, Aii and L1)

4. The committee examined the specification as mentioned in the tender document and awarded marks as detailed below:-

Sr	Company Name	Total Marks	Qualification Marks	Obtained Marks	Status / Remarks
1	M/S Surys	700	570	693.75	Qualified
2	M/s Opsec			645.75	Disqualified

Note:- The detailed technical evaluation sheet is attached at Annex-A.

5. The Chairman Committee informed the participants that although M/s. Opsec secured 645.75 marks against the minimum qualifying marks 570 marks, however, M/s Opsec stands disqualified due to following reasons:-

a) M/s. Opsec secured 345.75 marks under the Category "B" conformance to the technical specifications under which the minimum qualifying marks are 360/400. Hence, in terms of technical specification "mentioned at Part B, Conformance to Exhibit Ai, Aii and L1", hence, M/s. Opsec stands technically disqualified.

b) As per lab testing report, the following deficiencies are observed in respect of laminate samples submitted by M/s. Opsec:-

- i. Carrier thickness was above the specification required (37.4 microns while specification range required was 16-25 microns).
- ii. Width of the laminate roll was below the specified range (83.24 millimeter while required specification was 86 +/- 0.5 millimeter).
- iii. Delamination of patches throughout the reel was observed, vast majority of patches show some degree of delamination, worst towards the end of the reel.
- iv. The roll core outer diameter was less than the specification required (31.98 millimeter while required specification was 32-33 millimeter).
- v. No additional core/ Spool was provided for the wrapping of the blank carrier sheet.
- vi. The portrait of Quaid-e-Azam lacked micro text.
- vii. Rotating coded image could not be confirmed.
- viii. Laminate patch ID can be seen very faintly after transfer to passport data page.
- ix. Forensic micro graph exceeded the specified range of 100x100 microns.

RECOMMENDATIONS:

6. In the light of technical evaluation report attached as Annex-A based on the lab testing report of M/s Smithers, Technical Evaluation Committee hereby recommends M/s

SURYS as the only qualified bidder with M/s Opsec stands "Disqualified" due to the reason mentioned in para-5/N above. The committee further recommended that procurement process should be carried out by the procurement committee.

 Assistant Accounts Officer (LOG) (Secretary)	 Forensic Specialist (Member)
 Printing System Incharge (e-Passport) (Member)	 Incharge (Production) (Member)
 Hardware Specialist (Member)	 Director (DB) (Member)
 Director NW (Member)	 Director (SAP) (Chairman)

Exhibit Ai

TECHNICAL COMPLIANCE SHEET

Name of Item: Security Laminate for Passport (Plain without Security Features)

S. No:	Specifications/ Features Required	Total Marks 100	M/s Surys			M/s Opsec		
			Specification /Features complied/ not complied	Comments	Marks obtained	Specification /Features complied/ not complied	Comments	Marks obtained
1	Cat/Part Number							
	Carrier film 16 to 25 microns thick, plus transfer layer; plus heat activated adhesive C/W Registered Security HRI (High Refractive Index) holographic security feature (or equivalent). Please refer to attached Directorate General, Immigration & Passports approved Laminate drawing as per Exhibit-i (1)	Carrier thickness 9 Marks	Complied 23.3 micron		9	Not complied 37.4 microns		0
2	175 foot rolls @ 86mm+/- 0.5mm wide nominal on 32 to 33mm OD cores.	Width of roll 4.5 Marks Outer diameter core 4.5Marks	Complied 85.76 mm Outer diameter 32.24 mm		9	Not complied 83.24 mm Outer diameter not complied 31.98 mm		0
3	Exactly 350 passport laminates per roll with minimum length of leader (starting laminate carrier) must be of at least 24 inches and the minimum length of trailer of laminate carrier roll must be 48 inches to avoid wastage	350 patches 9 Marks	100 patches as per RFP Complied		9	100 patches as per RFP Complied		9

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S. No:	Specifications/ Features Required	Total Marks 100	M/s Surys			M/s Opsec		
			Specification /Features complied/ not complied	Comments	Marks obtained	Specification /Features complied/ not complied	Comments	Marks obtained
	of laminate patches, (Laminate supplier must fix the trailer length such that in due course of time laminate patches should not be stuck/ destroyed).							
4	Registered holographic security image using Contractor proprietary HRI technologies (High Refractive Index) or equivalent.	9 Marks	Complied		9	Complied		9
5	Registration Marks: The laminate material will have registration Marks printed in black ink to enable the Diletta RL-90/RL-120, Hilar series or equivalent Laminator to place the passport laminate in the correct location and to the size requirements needed for application to passport data pages. The successful bidder will submit multiple designs of laminate drawings for the approval of DG I & P.	9 Marks	Present		9	Present		9
6	To ensure traceability, every sample and production roll of laminate shipped to Directorate General, Immigration & Passports shall be labeled with the production lot number, unique roll number, Supply Order number and manufacturing date.	Label 9 Marks	Complied		9	Complied		9
7	<u>Serialization</u> Unique serial number on carrier supports cradle for tracking and for increased product and supply chain security. Must be visible number. For each roll, the patches shall be numbered from 1 to 350 in such a manner that establishes ID of the Laminate patch itself and its relevant Roll ID.	9 Marks	Complied		9	Complied		9

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S. No:	Specifications/ Features Required	Total Marks 100	M/s Surys			M/s Opsec		
			Specification /Features complied/ not complied	Comments	Marks obtained	Specification /Features complied/ not complied	Comments	Marks obtained
8	To avoid wastage of finished Laminate while using the rolls, minimum length of leader (starting laminate carrier) must be of at least 24 inches and the minimum length of trailer of laminate carrier roll must be 48 inches, (Laminate supplier must fix the trailer length such that in due course of time laminate patches should not be stuck/ destroyed).	4.5 Marks Leader and trailer length	Leader and trailer length Complied		4.5	Leader and trailer length Complied		4.5
		4.5 Marks No delamination should occur in the roll	No delamination observed		4.5	Delamination of patches throughout reel observed. Vast majority of patches show some degree of delamination, worse towards the end of the reel. Hence leader and trailer length has not been adjusted so as to avoid wastage.		0
9	Minimum Shelf life. There shall be no degradation of the performance or appearance of the Laminate features for up to one year store life and 10+years usage after lamination on the Passport.	9 Marks			9			9
10	Critical dimensions of each roll of Laminate: 86mm+/- 0.5mm width 68mm maximum diameter	10 Marks			10			06
		02 Marks	85.76 mm		02	83.24 mm		0






S. No:	Specifications/ Features Required	Total Marks 100	M/s Surys			M/s Opsec		
			Specification /Features complied/ not complied	Comments	Marks obtained	Specification /Features complied/ not complied	Comments	Marks obtained
	25.6+/- 0.5mm ID core size	02 Marks	45.99 mm		02	45.91 mm		02
	32 to 33 mm OD core size	02 Marks	25.64 mm		02	25.86 mm		02
	There shall be no splices per finished roll of laminate	02 Marks	32.24 mm		02	31.98 mm		0
		02 Marks	No slicing observed		02	No slicing observed		02
11	Packing: Each roll of Laminate will be shrink-wrapped and placed in a styro-foam lined box. (Quantity of rolls per box is estimated at 25 rolls). The box shall be sealed with security tape and to provide additional security two Advantage/Tamper evident security void labels will be applied to the box.	N/A			N/A			N/A
12	The bond strength between the laminate and the paper core of the transferred laminate material shall be such that removal of the Laminate, using the cross hatch tape test to be conducted by the designated laboratory should destroy most of the printed personalized data in a manner that the Passport is rendered useless and beyond repair.	N/A Covered in L1			N/A			N/A
13	The transferred laminate material will perform to the durability, chemical solvency, cross hatch peel, delamination and surface abrasion test standards and results achieved as described in the analysis performed by the designated laboratory, an independent analytical laboratory, and as certified in their report to be dispatched directly to the Directorate General, Immigration & Passports as per contract. The designated	N/A Covered in L1			N/A			N/A








S. No:	Specifications/ Features Required	Total Marks 100	M/s Surys			M/s Opsec		
			Specification /Features complied/ not complied	Comments	Marks obtained	Specification /Features complied/ not complied	Comments	Marks obtained
	laboratory report shall be in accordance with the "TOR for Laboratory Testing the Samples of Security Laminate" at Exhibit L1 in accordance with the latest relevant ICAO/ISO/IEC standards duly mentioning the said standard in the report. The said independent laboratory tests report can be dispatched within 1 month from the date of first delivery of the laminates.							
14	Each laminate Roll will be provided with an additional Core/Spool for the wrapping of blank carrier sheet after usage.	9 Marks Additional spool	Complied		9	Not Complied		0
15	Security Features of Pakistan Passport in generic terms: i. Holographic images ii. Micro Text iii. Invisible UV Printing iv. Achromatic features v. Colour Permutations	N/A Covered in Aii			N/A			N/A
	Total Marks	100	Marks Obtained		100	Marks Obtained		64.5

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Exhibit Aii

Name of Item: Designing of Security Features

S. No:	Specifications/Features Required	Total Marks 100	M/s Surys			M/s Opsec		
			Specification/ Features complied/ not complied	Comments	Marks obtained	Specification / Features complied/not complied	Comments	Marks obtained
1.	<u>Pakistan Image Features:</u> The designed image will be embedded into the laminate structure so cannot be altered or tampered with and the security features used cannot be reproduced or emulated visa photocopy or electronic scanning. The security features can be produced in either transparent or opaque forms and must work in both bright and low level lighting conditions. The features must be incorporated within the laminate structure in such a way as not to affect the overall structural integrity of the laminate. The design should include features that utilize multiple optical technologies and should include at least the following features.	6.25	Complied		6.25	Complied		6.25
2	<u>Pixel free and vector image</u> based designed elements in high diffractive colours (at least text PAKISTAN) or equivalent.	6.25	Complied		6.25	Complied		6.25
3	<u>Producing Quaid-Azam portrait</u> 1. High resolution halftone and screen less micro	6.25	Complied		6.25	Portrait is present but lacks microtext		3.125



S. No:	Specifications/Features Required	Total Marks 100	M/s Surys			M/s Opsec		
			Specification/ Features complied/ not complied	Comments	Marks obtained	Specification / Features complied/not complied	Comments	Marks obtained
	photo treatment (at least 10000dpi/no dots or lines screen) 2. High resolution diffractive, kinetic microtext in the range of 100µm and 150 micron font height, equivalent or Better.							
4	<u>1 UV print Full Face Not-registered, Equivalent or better</u> A strong Level 2 feature of 1 colour full face fluorescing inks that only become visible under a UV light source at 315 nm to 400 nm must be utilized. The strong fluorescing colour offered must be chosen to provide a maximum level of visual contrasts in the overall graphical design. The feature must be incorporated within the laminate structure in such a way as to not affect the overall structure integrity of the laminate or equivalent	6.25	Complied		6.25	Complied		6.25
5	<u>Achromatic Feature, Equivalent or better</u> A level one security feature that is not based on diffraction or exhibit rainbow colour effects. This feature should be easy to recognize and see in normal lighting conditions. This security feature should demonstrate the ability to reverse the black and white contrast when the image is rotated through 90 degrees so is easily recognized. It should also exhibit kinetic / movement effects when the image is tilted or rotated. The features should be fully integrated with the	6.25	Complied		6.25	Complied		6.25

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S. No:	Specifications/Features Required	Total Marks 100	M/s Surys			M/s Opsec		
			Specification/ Features complied/ not complied	Comments	Marks obtained	Specification / Features complied/not complied	Comments	Marks obtained
	diffractive elements in the overall design and not as a standalone feature or equivalent							
6	<u>Colour permutation Security feature, Equivalent or Better</u> A level one overt easily recognized, colour permutation feature that is fully integrated into the overall design of the laminate consisting of: 1. Two reflective colour design that appears at the direct reflection of the light. Should exhibit a colour permutation if rotated. 2. This feature should cover and protect the photo of bearer and most of his personal data and should be clearly transparent in any viewing angle outside of the direct reflective position or equivalent This feature is embedded in the laminate structure so that it cannot be tampered with or altered. Feature cannot be reproduced or emulated via photo copy or electronic scanning. The feature must be incorporated within the laminate structure in such a way as to not affect the overall structure integrity of the laminate	6.25	Complied		6.25	Complied		6.25
7	<u>Rotating coded image</u> A transparent coded feature generating an animated image when viewed under a rotating battery-free decoder.	6.25	Complied		6.25	Cannot confirm		0















S. No:	Specifications/Features Required	Total Marks 100	M/s Surys			M/s Opsec		
			Specification/ Features complied/ not complied	Comments	Marks obtained	Specification / Features complied/not complied	Comments	Marks obtained
	This feature is embedded in the laminate structure so that it cannot be tampered with or altered. Feature cannot be reproduced or emulated via photo copy or electronic scanning. The feature must be incorporated within the laminate structure in such a way as to not affect the overall structure integrity of the laminate.							
8	<u>Laminate Patch I'D:</u> In order to ensure inventory control, each Laminate in the roll shall have a unique patch ID at a place and manner as per approved design. Laminate Patch ID should only be visible in Ultraviolet light of 365 nm.	6.25	Complied		6.25	Patch ID is present but can be seen very faintly after transfer to passport datapage on some passports.		3.125
9	<u>Government Logo/Seal</u> Government logo/seal should appear in high diffractive rainbow colours and should have a minimal artwork resolution of 20000dpi or equivalent	6.25	Complied		6.25	Complied		6.25
10	<u>Transparent animated colours equivalent or better</u> A level one overt easily recognized. By titling the laminate up and down, elements of the two reflective colour design shall simultaneously displayed animation in different directions	6.25	Complied		6.25	Complied		6.25

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S. No:	Specifications/Features Required	Total Marks 100	M/s Surys			M/s Opsec		
			Specification/ Features complied/ not complied	Comments	Marks obtained	Specification / Features complied/not complied	Comments	Marks obtained
11	<p><u>Achromatic 2D/3D Feature Equivalent or Better.</u></p> <p>A level one security feature that is not based on diffraction or exhibit rainbow colour effects. This feature should be easy to recognize and see in normal lighting conditions. This security feature should demonstrate both the achromatic qualities and the effect of depth (2D/3D). The feature should be fully integrated with the diffractive elements in the overall design and not as a stand alone feature or equivalent</p>	6.25	Complied		6.25	Complied		6.25
12	<p><u>Forensic microtext Equivalent or Better.</u></p> <p>This is a Level 3 forensic feature - forensic microtext with the font size ranging from 5 μm-25 μm. Feature cannot be reproduced or emulated via photo copy or electronic scanning. The feature must be incorporated within the laminate structure in such a way as to not affect the overall structure integrity of the laminate.</p>	6.25	Complied		6.25	Complied		6.25
13	<p><u>Forensic micrographic Equivalent or Better.</u></p> <p>This is a Level 3 forensic feature - forensic micromap of the country not exceeding 100 μm x 100 μm in size, that can represent the map of Pakistan. Feature cannot be reproduced or emulated via photo copy or electronic scanning. The feature must be</p>	6.25	Complied		6.25	<p>Not complied</p> <p>Micrograph exceeds 100 x 100 microns</p>		0

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S. No:	Specifications/Features Required	Total Marks 100	M/s Surys			M/s Opsec		
			Specification/ Features complied/ not complied	Comments	Marks obtained	Specification / Features complied/not complied	Comments	Marks obtained
	incorporated within the laminate structure in such a way as to not affect the overall structure integrity of the laminate.							
14	<u>Additional Features:</u> 1. Glossy matt effect 2. Polarization effect 3. Nanograph 4. Intentional Fault	6.25	Complied 1. Yes 2. Yes 3. Yes 4. Yes		6.25	Complied 1. Yes 2. Yes 3. Yes 4. Yes		6.25
15	<u>Transparent colour with 3D rendering; equivalent or better</u> A level one overt easily recognized. Part of one of the two reflective colour areas forms an object rendering a 3D positive relief effect at the laminate surface.	6.25	Complied		6.25	Complied		6.25
16.	Any other additional feature (to be specified in complete details)	6.25	Not Complied		0	Complied		6.25
	Total Marks	100	Marks Obtained		93.75	Marks Obtained		81.25









Exhibit L1

CONFORMANCE TO THE TECHNICAL SPECIFICATION/ LAB TESTING (Qualification 180/200)

S. No:	Specifications/Features Required	Total Marks	M/s Surys			M/s Opsec		
			Specification/ Features complied/not complied	Comments	Marks obtained	Specification/ Features complied/not complied	Comments	Marks obtained
1	Resistance to temperature							
	A) Elevated Temperature (77 degrees)	15.38	Pass		15.38	Pass		15.38
	B) Low Temperature (minus 32 degrees)	15.38	Pass		15.38	Pass		15.38
2	Resistance to humidity (50 degrees /95%rh)	15.38	Pass		15.38	Pass		15.38
	Resistance to chemicals							
3	Effect of Ethyl Alcohol (95%)	15.38	Pass		15.38	Pass		15.38
4	Hydrogen Peroxide (5%)	15.38	Pass		15.38	Pass		15.38
5	Trichloroethylene	15.38	Pass		15.38	Pass		15.38
6	Acid perspiration	15.38	Pass		15.38	Pass		15.38
7	Alkaline perspiration	15.38	Pass		15.38	Pass		15.38
8	Petroleum Naphtha	15.38	Pass		15.38	Pass		15.38

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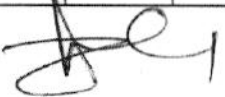
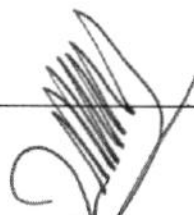
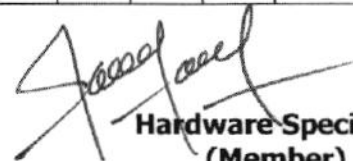

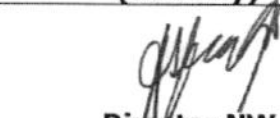
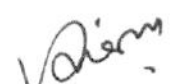

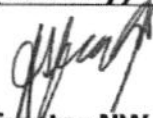

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S. No:	Specifications/Features Required	Total Marks	M/s Surys			M/s Opsec		
			Specification/Features complied/not complied	Comments	Marks obtained	Specification/Features complied/not complied	Comments	Marks obtained
	(Fuel B)							
9	Cross Hatch Tape Test	15.38	Pass (Values 4,5,5)	Laminate couldn't be removed without destroying the vast majority of the personalized data beneath	15.38	Pass (Values 5, 5, 5)	When laminate was removed the information below was left largely undamaged	15.38
10	Delamination/peel off Test	15.38	Pass	Peel couldn't be initiated (Pass)	15.38	Pass	Peel couldn't be initiated (Pass)	15.38
11	Surface Abrasion Test	15.38	Pass	No damage	15.38	Pass	No damage	15.38
12	Any other chemical, if required by international standards (7 different chemicals) Nacl 5%, acetic acid 5%, sodium carbonate 5%, ethyl alcohol 60%, sucrose 10%, ethylene glycol 50%, salt mist	15.38	Pass 7/7 Fail 0/7		15.38	Pass 7/7 Fail 0/7		15.38
	Total Marks	200	Marks Obtained		200	Marks Obtained		200

Tender for Supply of Security Laminate patches for Production Facility

COMPARATIVE TECHNICAL EVALUATION SHEET (Qualification 570/700)

S. No.	Sample	Bidder & Principal Name	A. Company Profile & Team (Qualification 60/100)						B. Conformance to the technical Specification (Qualification 360/400)					C. Domain Experience / Services (Marks 85/110)			D. Standards (Qualification 40/40)	E. Backup Inventory (Qualification 20/40)	F. Relationship with manufacturer (Qualification 5/10)	Total Marks Obtained (A+B+C+D+E+F)	Status / Remarks
			QC Manager/Specialist (Marks 20)	Forensic R&D Specialist (Marks 20)	Quality Assurance Manager / Specialist (Marks 20)	HW Technician / System Support (Marks 20)	Graphic Designer (Marks 20)	Obtained Marks	Specification (Qualification 180/200)			Sample Testing L1 (Qualification 180/200)	Obtained Marks	Scope of Provision / Installation Base (Qualification 80/100)	Response time after Sales (Qualification 05/10)	Obtained Marks					
									Feature 1 exhibit Ai (Marks 100)	Feature 2 exhibit Aii (Marks 100)	Total (Ai + Aii) (Qualification 180/200)										
1	A	M/s Surys	20	20	20	20	20	100	100	93.75	193.75	200	393.75	100	10	110	40	40	10	693.75	Qualified
2	B	M/s Opsec	20	20	20	20	20	100	64.5	81.25	145.75	200	345.75	100	10	110	40	40	10	645.75	Disqualified
 Incharge (Production) (Member)			 Assistant Accounts Officer (logistics) (Secretary)										 Hardware Specialist (Member)								
 Forensic Specialist (Member)			 Director NW (Member)										 Printing System Incharge (e-Passport) (Member)								
 Director (DB) (Member)			 Director NW (Member)										 Director (SAP) (Chairman)								

** M/s Opsec is disqualified as it couldn't obtain minimum qualification score i.e. 360/400 in Serial no b. "Conformance to the technical Specification" which is mandatory as per Exhibit E i.e. Disqualification in Technical Specification (Mentioned at Part B, Conformance to Exhibit Ai, Aii and L1) shall lead to overall disqualification.