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Ref No.: SY-15-13(261)/2019

Date: 30.06.2022

CORRIGENDUM-4

REFERENCE: ISP-Nasik's Global Tender No. 6000017376/133/SY-15-13(261)/2019 dated 30.03.2022 for Supply, Installation, Testing, Commissioning & Training of State-of-the-art fully automatic & integrated e-Passport (e-MRTD) Booklet Manufacturing System, capable to manufacture e-Passport (e-MRTD) Booklets as per ICAO Standard Doc. 9303 of e-MRTD, Qty.:1 No.

In context with the above referred Tender Document, the following amendments are hereby authorized to be read as:

Sl. No.	FOR	READ AS
SECTION I: NOTICE INVITING TENDER		
1.	Dates and place of issue of tender documents : From 31.03.2022 to 19.07.2022 during office hours At ISP, Nashik	Dates and place of issue of tender documents : From 31.03.2022 to 29.07.2022 during office hours At ISP, Nashik
2.	Closing date and time for receipt of tenders: 19.07.2022 up to 14:30 Hrs	Closing date and time for receipt of tenders: 29.07.2022 up to 14:30 Hrs
3.	Time and date of opening of tender: 15:00 Hours on 19.07.2022	Time and date of opening of tender: 15:00 Hours on 29.07.2022
SECTION XI: PRICE SCHEDULE		
4.	OFFER FORM for Tender No 6000017376/133/SY-15-13(261)/2019 Date 30.03.2022 of Opening 19.07.2022 Time 15.00.Hours	OFFER FORM for Tender No 6000017376/133/SY-15-13(261)/2019 Date 30.03.2022 of Opening 29.07.2022 Time 15.00.Hours
Section III: Special Instructions to Tenderers (SIT)		
5.	<p>SIT - 3: Submission of Tender: Part I: Pre Qualification Bid (PQB) I. Tender Fee: The firm has to submit the Tender fee INR 5900.00 / USD 78 / EURO 71 in form of demand draft/ banker's cheque/ pay order drawn from any "Scheduled Commercial Bank" in India, in favour of India Security Press, a unit of SPMCIL, Nasik Road payable at Nashik.</p> <p>II. Earnest Monet Deposit INR 31,77,000 or USD 41471 or EURO 37978 {For more details check SIT-5 mentioned below}</p> <p>SIT-4: Tender Currencies: The domestic Bidders should quote in Indian Rupees only. Foreign Bidders should quote either in INR/ Euro/ USD. Bidders are requested to quote price within two decimal places. Quotation with price quote beyond two decimal places will be ignored.</p>	<p>SIT - 3: Submission of Tender: Part I: Pre Qualification Bid (PQB) I. Tender Fee: The firm has to submit the Tender fee INR 5900.00 / USD 78 / EURO 71 / JPY 10,000 in form of demand draft/ banker's cheque/ pay order drawn from any "Scheduled Commercial Bank" in India, in favour of India Security Press, a unit of SPMCIL, Nasik Road payable at Nashik.</p> <p>II. Earnest Monet Deposit INR 31,77,000 or USD 41471 or EURO 37978 or JPY 5,707,000 (for more details check SIT-5 mentioned below)</p> <p>SIT-4: Tender Currencies: The domestic Bidders should quote in Indian Rupees only. Foreign Bidders should quote either in INR/ Euro/ USD/ JPY. Bidders are requested to quote price within two decimal places. Quotation with price quote beyond two decimal places will be ignored.</p>
Section V: Special Conditions of Contract (SCC)		
6.	<p>SCC-7 Terms and Mode of Payment 2. Foreign Supplier: 100% Payment shall be made through irrevocable letter of credit in the following manner: (a) 60% FOB/ CIF cost of the machine(s) shall be made through irrevocable letter of credit to be opened by the Purchaser on a Scheduled Commercial Bank in favour of SELLER (b) 20% cost of machine after successful installation & commissioning of the Machine. (c) Balance 20% of FOB/ CIF cost of material and 100% cost of installation, commissioning and training, charges will be</p>	<p>SCC - 7 Terms and Mode of Payment: 2. Foreign Supplier: (a) 70% of FOB / CIF cost of the machine(s) shall be made through irrevocable letter of credit. (b) 10% cost of machine after successful installation & commissioning of the Machine. (c) Balance 20% of FOB / CIF cost of material and 100% cost of installation, commissioning and training, charges</p>

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	made, after deduction of TDS (Tax Deducted at Source) and etc as per prevalent rates after complete installation and commissioning, successful demonstration of performance and after Final Acceptance Certificate issued by the Purchaser. GST on installation, testing, commissioning charges will be borne by ISP.	will be made, after deduction of TDS (Tax Deducted at Source) and etc. as per prevalent rates after complete installation and commissioning, successful demonstration of performance and after Final Acceptance Certificate issued by the Purchaser. GST on installation, testing, commissioning charges will be borne by ISP.
7.	SCC-5 Warranty Clause: ii) It will be the firm's liability to modify / replace free-of-cost the parts which may fail / go defective / requires modification during the Warranty period <u>within two weeks at on-site.</u>	SCC-5 Warranty Clause (ii): It will be the firm's liability to modify / replace free-of-cost the parts which may fail / go defective / requires modification during the Warranty period <u>within 4 weeks.</u>
Section VI: List of Requirement		
8.	1. A. For Overseas Delivery Schedule: (i) The Successful bidder has to Manufacture, Supply the Machine at ISP within 12 months <u>from the date of issue of Notification Award of Contract</u> on FOB/ CIF basis.	1. A. For Overseas Delivery Schedule: (i) The Successful bidder has to Manufacture, Supply the Machine at ISP within 12 months from the date of issue of Letter of Intent / Notification Award of Contract on FOB/ CIF basis.
9.	1. A. For Overseas Delivery Schedule: (ii) The firm has to complete the entire work relating to the installation, testing, commissioning, and training within a period of 2 months from the date of receipt of machine at ISP.	Clause 1. A. (ii): The firm has to complete the entire work relating to the installation, testing, commissioning, training, <u>including FAT</u> within a period of <u>3 months</u> from the date of receipt of machine at ISP.
Section VII: Technical Specification		
10.	Clause 3.0 GENERAL FUNCTIONAL REQUIREMENT & PROCESS FLOW: Pasting of RFID/UID Chip Inlay onto End sheet, Checking of RFID/UID-Chip at various locations through highest quality RFID/UID Chip readers, <u>Page orientation Camera system</u> , Collating of Visa pages, Data pages, RFID/UID-Chip Inlay, 2 laminating films in 2-up format and Polycarbonate sheet (as the case may be), Reverse & Interlock stitching of collated sheets in 2-up booklet form, pasting of 2 up sewn e-Passport Booklet with cover material (Buckram) & <u>pressing of pasted booklet in 5 stages</u> , Golden colour foil stamping on the cover material, Checking of Gold Stamping quality by high quality camera monitoring system, Cutting of 2-up booklet into 1-up booklet, Heat Creasing, Centre folding, Heat Pressing & Heat spine rolling, Profile die cutting of finished e-Passport Booklet as per ICAO standards, Gothic Numbering on Data page, Verification of Gothic Number through high quality camera monitoring system, Laser conical perforation Numbering to complete booklet except front cover, front data page and two laminate films, Verification of Laser Perforated Number through high quality unique vision camera monitoring system by suitable method for precise checking the through hole quality, Labeling Unit including integrated print unit to print bar codes & alphanumeric number on the label, Label Applicator, Barcode Scanner and Delivery Stacking unit. The system shall be capable to produce minimum 50 e-Passport booklets per minute (Final output) with negligible waste percentage. There shall be provision to upload all machines information data on MIS like SAP system being used in ISP. The entire system should have end-to-end RFID/UID-Chip Track & Trace System to track the RFID/UID-Chip of the e-Passport booklets at various stages of all the processing machines.	Clause 3.0: Pasting of RFID/UID Chip Inlay onto End sheet, Checking of RFID/UID-Chip at various locations through highest quality RFID/UID Chip readers, <u>appropriate Page orientation Camera monitoring/ page scanning system</u> , Collating of Visa pages, Data pages, RFID/UID-Chip Inlay, 2 laminating films in 2-up format and Polycarbonate sheet (as the case may be), Reverse & Interlock stitching of collated sheets in 2-up booklet form, pasting of 2up sewn e-passport booklet with cover material (Buckram) & <u>appropriate pressing system with at least 2 stages</u> , Golden colour foil stamping on the cover material, Checking of Gold Stamping quality by high quality camera monitoring system, Cutting of 2-up booklet into 1-up booklet, Heat Creasing, Centre folding, Heat Pressing & Heat spine rolling, Profile die cutting of finished e-Passport Booklet as per ICAO standards, Gothic Numbering on Data page, Verification of Gothic Number through high quality camera monitoring system, Laser conical perforation Numbering to complete booklet except front cover, front data page and two laminate films, Verification of Laser Perforated Number through high quality unique vision camera monitoring system by suitable method for precise checking the through hole quality, Labeling Unit including integrated print unit to print bar codes & alphanumeric number on the label, Label Applicator, Barcode Scanner and Delivery Stacking unit. The system shall be capable to produce minimum 50 e-Passport booklets per minute (Final output) with negligible waste percentage. There shall be provision to upload all machines information data on MIS like SAP system being used in ISP. The entire system should have end-to-end RFID/UID-Chip Track & Trace System to track the RFID/UID-Chip of the e-Passport booklets at various stages of all the processing machines. <u>Appropriate indication for fault diagnostic and suitable remedial measure during break down of the machine due to any operational / software problem.</u>
11.	Clause 4.1.3 The feeding system shall be designed in such way that the RFID/UID inlay shall be <u>conceded without bend to avoid damages to RFID/UID Chip and its antenna of the Inlay.</u>	Clause 4.1.3: The feeding system shall be designed in such way that the RFID/UID inlay <u>i.e., the Chip, its antenna and inlay do not get damaged during feeding.</u>
12.	Clause 4.1.10 <u>Two nos. of RFID/UID Chip Readers</u> shall be provided at the feeder of inlays and it shall be integrated with RFID/UID Chip Track and Trace System.	Clause 4.1.10:RFID/UID Chip Reader(s) shall be provided at the feeder of inlays, and it shall be integrated with RFID/UID Chip Track and Trace System.
13.	Clause 4.2.4	Clause 4.2.4: A <u>Page orientation vision sensor / camera</u>

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	A <u>Page orientation camera monitoring and control system</u> shall be provided to check & control the correct orientation of the End Sheet through reading of printed mark/page number on the sheet.	<u>monitoring and control system</u> shall be provided to check & control the correct orientation of the End Sheet through reading of printed mark/page number on the sheet.
14.	Clause no. 4.3 GLUEING & PASTING STATION FOR PUR REACTIVE HOTMELT: 4.3.2 The individual inlays shall be carried over by <u>suction plate</u> and <u>pass over a glue roller</u> . 4.3.3 The <u>suction plate</u> shall be designed to match the size of product configuration 266 mm x192 mm in 2 up formats. 4.3.4 The <u>Suction plate</u> shall be specially designed to handle inlays with thinner grooving line (gutter) in the middle.	Clause 4.3.2 The individual inlays shall be carried over by <u>suction plate or suitable mechanism</u> and <u>PUR reactive Hotmelt glue applied by glue application nozzle or suitable mechanism</u> . Clause 4.3.3 The <u>suction plate or suitable mechanism</u> shall be designed to match the size of product configuration 266 mm x192 mm in 2 up formats. Clause 4.3.4 The <u>Suction plate or suitable mechanism</u> shall be specially designed to handle inlays with thinner grooving line (gutter) in the middle.
15.	Clause no 4.5.1 <u>Two nos. of RFID/UID Chip Readers</u> shall be provided at suitable place at the delivery to read the parameter of RFID/UID Chip in the inlay.	Clause 4.5.1: <u>RFID/UID Chip Reader(s)</u> shall be provided at suitable place at the delivery to read the parameter of RFID/UID Chip in the inlay.
16.	Clause no 4.7 DELIVERY: 4.7.2 A stack of pasted stuff in 5/10 no's, as and when <u>required</u> , shall be piled up and delivered on the conveyer belt.	Clause 4.7.2: A stack of pasted stuff in <u>5/10 no's/as and when required</u> , shall be piled up and delivered or <u>shingle delivery with suitable pieces</u> on the conveyor belt.
17.	5.1.1 There shall have <u>at-least twelve feeders</u> , suitable to feed <u>single or folded sections of 2-up format</u> . 5.1.2 <u>Two feeders</u> shall be designed to feed HAUV laminating films at appropriate location. The sample of 2-up booklet will be given to the successful bidders. 5.1.3 <u>One feeder</u> shall be designed to feed polycarbonate sheet at appropriate location.	Clause 5.1.1: There shall have in <u>total 12 feeders</u> , suitable to feed <u>single or folded sections, HAUV films / Polycarbonate sheet of 2-up format</u> . Clause 5.1.2: <u>Two feeders out of the total 12 feeders</u> shall be designed to feed HAUV laminating films at appropriate location. The sample of 2-up booklet will be given to the successful bidders. Clause 5.1.3: <u>One feeder out of the 12 nos.</u> shall be designed to feed polycarbonate sheet at appropriate location.
18.	Clause no. 5.1.8 All the feeders shall have monitoring & control system to ensure the sheets are fed correctly. As a fool-proof system, a <u>Page/film/Sheet Orientation Camera System</u> shall be provided.	Clause 5.1.8: All the feeders shall have monitoring & control system to ensure the sheets are fed correctly. As a fool-proof system, a <u>Page/film/Sheet Orientation Vision Sensor / Camera System</u> shall be provided.
19.	Clause no. 5.2.1 <u>Two nos.</u> of RFID/UID Chip Readers which can read/capture and store all the parameter of RFID/UID, shall be provided <u>after the collation of data & Visa pages</u> , end sheet pasted with inlay and HAUV films (before side trimming of layers)	Clause 5.2.1: RFID/UID Chip Reader(s) which can read/capture and store all the parameter of RFID/UID, shall be provided <u>either before or after the collation of data & Visa pages</u> , end sheet pasted with inlay and HAUV films (before side trimming of layers)
20.	Clause no. 5.3.2 20 mm wide Self Adhesive (heat activated) cotton tape has to be re-enforced on the spine of 2 up Passport Booklets (266 x192 mm size) i.e., bottom sheet (back side of End Sheet pasted with Inlay) <u>along the length of the 2-up booklet</u> .	Clause no. 5.3.2: 20 mm size (<u>adjustable</u>) Self Adhesive (heat activated) cotton tape has to be re-enforced on the spine of 2 up Passport Booklets (266 x192 mm size) i.e., bottom sheet (back side of End Sheet pasted with Inlay).
21.	Clause no. 5.3.3 The <u>length</u> of the tape to be applied on the spine shall be <u>264 mm</u> and shall be adjustable.	Clause no. 5.3.3: The <u>width</u> of the re-enforcement tape roll shall be <u>266mm ± 10mm</u> adjustable.
22.	Clause no. 6.2.1 <u>Two no's</u> of RFID/UID Chip Readers shall be provided in the Feeder.	Clause 6.2.1: <u>RFID/UID Chip Reader(s)</u> shall be provided in the Feeder.
23.	Clause no 6.5 GLUEING & PASTING STATION FOR PUR REACTIVE HOTMELT: 6.5.4 The suction plate shall be designed to match the size of product configuration 266 mm x192 mm in 2 up formats.	Clause 6.5.4: The suction plate <u>or suitable mechanism</u> shall be designed to match the size of product configuration 266 mm x192 mm in 2 up formats.
24.	Clause no. 6.6.1 <u>Two no's</u> of RFID/UID Chip Readers shall be provided in the delivery.	Clause 6.6.1: <u>RFID/UID Chip Reader(s)</u> shall be provided in the delivery
25.	Clause no. 7.2.4 A Reject Gate shall be provided at suitable place before <u>single</u> up cutting Station.	Clause7.2.4: A Reject Gate shall be provided at suitable place after single up cutting Station but before die-cutting station. There should be provision that the passport booklet in single up with defective inlay should be thrown away from the reject gate.

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26.	Clause no. 7.3.7 The feed length, stamping pressure, temperature and stamping time shall be adjustable & set through the Control Touch Panel / HMI of the Station.	Clause 7.3.7: The feed length, temperature and stamping time shall be adjustable & set through the Control Touch Panel / HMI of the Station. <u>The stamping pressure shall be manually adjustable with display on pressure gauge.</u>
27.	Clause no. 7.4.2 <u>Two High resolution Cameras</u> shall be provided to monitor the quality of the golden colour stamping on 2-up booklet along with suitable illuminated lamps to focus the two golden stamping areas on the 2-up booklet.	Clause 7.4.2: <u>High resolution Camera(s)</u> shall be provided to monitor the quality of the golden colour stamping on 2-up booklet along with suitable illuminated lamps to focus the two golden stamping areas on the 2-up booklet.
28.	Clause no. 8.2.1 One RFID/UID Chip Reader shall be provided <u>after</u> Gothic numbering taken place.	Clause 8.2.1: One RFID/UID Chip Reader shall be provided <u>before or after</u> Gothic numbering taken place.
29.	Clause no. 8.8.2 The through hole inspection shall be provided which <u>shall check through all the perforated pages of the booklet as well as last page of the booklet</u> , by the monitoring system with high resolution camera and illumination system.	Clause 8.8.2: The through hole inspection shall be provided which shall <u>either check through all the perforated pages of the booklet or at least last perforated page of the booklet</u> , by the monitoring system with high resolution camera and illumination system.
30.	Clause no. 8.8.10 One RFID/UID Chip Reader shall be provided after Laser perforation and Camera Monitoring System to verify the integrated Chip parameter with Passport number. In-case, if the reader read the chip as NOK, then Passport booklet shall be rejected through subsequent Reject Gate and data shall be updated in Track and Trace server accordingly.	Clause 8.8.10: Deleted.
31.	Clause no. 8.9.4 The resolution of the printer shall be minimum <u>600dpi</u> .	Clause 8.9.4: The resolution of the printer shall be minimum <u>300dpi</u> .
32.	Clause no. 9.7 Uploading and downloading of PLC programme shall be possible through Industrial Control Console.	Clause 9.7: i) Uploading and downloading of PLC programme shall be possible through Industrial Control Console. or ii) Bidder is required to provide software back-up and technical support.
33.	Clause no. 9.8 Service Field Master' (Service Lap Top) complete with integration software and back up of all the software & all license copies shall be supplied along with the machine for fault diagnostic, <u>repair/modification purpose etc.</u>	Clause 9.8: Service Field Master' (Service Lap Top) complete with integration software and back up of all the software & all license copies shall be supplied along with the machine for fault diagnostic purpose, etc.
34.	Clause no. 9.11 All the <u>Control Consoles</u> of the System shall be provided with RAID Level -1 Disk System.	Clause 9.11 All the <u>computers</u> in the system shall be provided with RAID Level – 1Disk System.
35.	Clause no. 9.12 All the <u>Control Consoles</u> shall be equipped with suitable capacity of UPS with software interface for defined start-up and shutdown process of the system.	Clause 9.12 All the <u>computers/ control consoles</u> in the system shall be equipped with suitable capacity of UPS with software interface for defined start-up and shutdown process of the system.
36.	Clause no. 9.13 Remote Access facility shall be provided for remote services as well as software updates from the OEM, as and when required by the user. The remote access service <u>shall be free-of-cost at least for the period of 10 years, after acceptance of the system.</u>	Clause no. 9.13 Remote Access facility shall be provided for remote services as well as software updates from the OEM, as and when required by the user. (a) If the firm not willing to provide the detail of PLC Programme, the remote access service shall be free-of-cost at least for the period of 10 years, after acceptance of the system and (b) If the firm will provide PLC programme, then the Remote Access Service shall be free of cost during warranty period.
37.	Clause no. 16.3.3 Debugging / rectification of software fault.	Clause 16.3.3: Deleted.

Note*: a. All other terms and conditions of the tender document shall remain unchanged.

b. For further details, please visit our website www.spmcil.com or <https://ispnasik.spmcil.com> regularly.


20.06.22

(Ashok Sharma)
Jt. General Manager (Materials)
For Chief General Manager