

SOFTWARE PRODUCTS**Major Product Category - Industry Specific Software(UNSPSC-43232600)****Product category - Face Recognition System Software(UNSPSC code- 43232615)**

Basic Information				
S.No.	KEY	TYPE	RESTRICTIONS	PARAMETERS
1	Type of Software	Enumerable	Face Recognition System Software	Golden
2	Type of License	Enumerable	Subscription, Perpetual, Renewal of licence	Golden
3	Application	Enumerable	Client Application, Client-Server Application	Golden(Multiselect)
4	No. of Users it can handle	Enumerable	Limited, Unlimited	Golden
5	If limited, then indicate no. of users	Text		Mandatory
6	Name of Software	Text		Mandatory
7	Name of the OEM	Text		Mandatory
8	OEM Model / Part No.	Text		Mandatory
9	Brief Product Description	Text		Mandatory
10	Software Tool Version	Text		Mandatory
11	Date of Launch of Version	Text		Mandatory
12	Whether the product is Make in India	Boolean	Yes, No	Golden
13	Number of Years upto which Support is available from OEM / Franchise online(WARRANTY)	Enumerable	1,2,3,5	Golden
FEATURES AND FUNCTIONALITY PARAMETER				
14	Type of Deployment	Enumerable	Cloud, In- premises	Golden (Multiselect)
15	Maximum Face Template Size(in KB)	Numeric	20- 50	Golden
16	Face Detection Time for one Face in milli second	Numeric	1 to 100	Golden(Lower is better)
17	Verification Time for One Face in milli second	Numeric	1 to 300	Golden(Lower is better)
18	Enrollment Time for one face in milli second	Numeric	1 to 500	Golden(Lower is better)
19	Face Matching Speed from the database per Second(in lakhs)	Numeric	1 to 100	Golden(Higher is better)
20	Provision of Configurable False Acceptance Rate considering the factor of Similarity of faces	Boolean	Yes, No	Golden
21	If Yes, in above parameter then indicate range of False Acceptance Rate(in %)	Text		Mandatory
22	Provision of Configurable False Rejection Rate considering Camera Type, Light Condition etc	Boolean	Yes, No	Golden

23	If Yes, in above parameter then indicate range of False Rejection Rate(in %)	Text		Mandatory
24	Range of distance from the camera for face recognition (in ft)	Enumerable	2 to 5, 2 to 6, 3 to 6, 3 to 7	Golden(Multiselect)
25	Movement of Face Tolerance (in Degree)	Measurable	20, 25, 30, 35, 40	Golden
26	The offered product has features of	Enumerable	<ol style="list-style-type: none"> 1. Only Live Face Recognition and do not recognise proxy images 2. Re-enrollment of a face 3. Indication Panel for Employee Presence 4. Unlimited Transaction from the database 5. Unlimited templates per person 6. Direct database search 7. Customizable Categorization of Employees into group, types etc 8. Live head count statistics 9. Blacklisting Feature to avoid entry of unauthorized person 10. Customizable Dynamic Shifts Management 11. Overtime Management of employee 12. Management of Anomaly / missed punches 13. Leave Management of an employee 14. Restriction on time allowed to employees/persons 15. Integration with door lock or any other access control equipment 16. Provision for Live video Images 17. Any changes in the appearance will not affect the face matching process 18. Provision to integrate with other biometric device 19. Server Client Data Centralisations 20. Provision for customizable Intranet supported web portal 21. Integration with the existing application 22. Similarity Level Adjustment(1-180) for face Recognition 23. Provision for Back-Up/Restore System 	Golden(Multiselect)
27	Alert Generation Service provided via	Enumerable	Sms, Email, Desktop Pop-ups, NA	Filter
28	Any Other Features	Text		Mandatory
WEBCAM				
29	Pixels of WEBCAM in MP	Numeric	2-12	Golden (Higher is better)
30	Make and Model number of WEBCAM	Text		Manadatory
31	OEM of the WEBCAM	Text		Manadatory
32	Capture mode of WEBCAM	Enumerable	Plain live capture, Manual Capture with Auto Focus, Auto Lighting Adjustment	Filter
33	Image Resolution(in Pixel)	Enumerable	1. 640x400 , 2. 640x 480 , 3. 800x600	Filter
34	Connectivity	Enumerable	High Speed USB 2.0, USB-IF certified	Filter
35	Type of Lens	Enumerable	Prime lens, Zoom lens, Wide -Angle lens, Telephoto lens, Macro lens	Filter
36	Focus Mode	Enumerable	Auto, Manual	Filter
37	Field of View(FOV)(in degree)	Enumerable	30, 45, 60	Filter
38	Focal length(in mm)	Numeric	1-10	Filter

39	Frame Rate (Max)(in fps)	Enumerable	24, 25,30, 50, 60, 80, 90, 100	Filter
40	Min. Operating tempature in degree celsius	Enumerable	-10,-5,0,+5,+10	Filter
41	Max. Operating temperature in degree celsius	Enumerable	35,45,55	Filter
42	Operating Humidity (RH)	Enumerable	80%,85%,90%,95%	Filter
43	Warrantyof WEBCAM(in Years)	Enumerable	1, 2, 3, 5	Golden

HARDWARE REQUIREMENTS PARAMETERS

44	Minimum RAM size requirement	Text		Mandatory
45	Specify the CPU requirement	Text		Mandatory
46	Specify the Operating Systems supported	Text		Mandatory
47	Specify the server supported	Text		Mandatory
48	Specify the device supported	Text		Mandatory

GENERIC PARAMETERS

49	Free Upgradation to Higher Version WITHIN WARRANTY PERIOD	Enumerable	Yes	Golden
50	Valid Licence copy to be provided	Enumerable	YES	Filter
51	Software supplied through	Enumerable	Media & URL Link	Filter
52	Installation and Demonstration	Boolean	Yes, No	Filter
53	Online Support service available for Bugs/Issues	Boolean	Yes, No	Golden
54	Number of days Training Provided at Site	Enumerable	0,1,2,3,5,8,10	Golden
55	Hyper link to Data sheet	Text		Mandatory
56	No of Software sold	Numeric	1-10000	Filter
57	Number of Software deployment/Installed in Govt. Department in the past by the OEM	Numeric	1-1000	Filter
58	Details of Government Department email, phone number of concerned authority where Software installed for above	Text		Mandataory