		GENERAL			
					Mandatory/
					Non-
					Mandatory/
Section	Item	User Requirement		Definition/Test	Desired
General		Staffing system must track staffing for			
	S1.1	all sections (areas) of the WFPS.			Mandatan
		Staffing system must allow for		Exempt, Fire, EMS, Dispatch, support	Mandatory
	S1.2	tracking of different categories of	1	staff, hourly vs salary, part-time, full-	
	01.2	employees	•	time, on-call rotation (w/guaranteed # of	Mandatory
		Staffing system must allow for		Each section has separate staffing	,
	S1.3	independent scheduling and tracking	1	protocols	
		of different union contract rules and			Mandatory
	S1.4	Staffing system should be a single	1	Users should not have to enter	Non-
		source of data entry wherever	•	information multiple times in the system.	Mandatory
		Must maintain compliance with			
	S1.5	federal and provincial labour laws, collective bargaining agreements, and			
		other organization policies ensuring			Mandatory
		System should have an undo feature		If a change is made to a staff member	Wandatory
		so that users are able to undo any		schedule in error then the user should	
	S1.6	changes they have made. This would	4	be able to undo the change. There	
	31.0	be similar to the undo function found	ı	should be no time limit on when a	
		in other business applications such as		change can be made to a staff schedule	Non-
		Windows or Excel.		by an administrator.	Mandatory
	04.7	The system should provide a function			
	S1.7	that allows testing to verify business			Non-
Data		rule accuracy and effect prior to The system may allow for multiple			Mandatory
definitions	S1.8	jurisdiction configuration			Desired
deminions	04.0	Should be able to define organization			Non-
	S1.9	or departments.			Mandatory
	S1.10	Should be able to define units within			Non-
	01.10	an organization or department.			Mandatory
		Must be able to define different shift		Exempt work Mon - Fri	Mandatory
		patterns within an organization or	2	Operational staff work 4 on 4 off	Mandatory
		department.	3	Must be able to define reoccurring shift schedules with a tool similar to the	
			3	Outlook reoccurring appointment tool.	Mandatory
	S1.11			Create a part-time shift pattern with a	mandatory
			4	rotational cycle to be defined by the	
				system administrator	Mandatory
			5	Must be able to define multiple rotational	
				cycles based on pre-defined criteria	Mandatory
	S1.12	Should be able to define an unlimited	1	Shift patterns may be related to	Non-
		number of shift patterns within the		permanent shift or ad-hoc shift	Mandatory Non-
		Each unit should be able to have its own set of business rules defined.	1	Fatigue rules	Mandatory
	S1.13	own set of business fules defined.		How overtime is assigned.	Non-
			2		Mandatory

		GENERAL			Mandatory/
Section	Item	User Requirement		Definition/Test	Non- Mandatory/ Desired
		Each business rule should have fields		This will allow for changes to be made in	
	S1 1 <i>1</i>	to allow for the tracking of Effective Start Date and Effective End Date. The start date would be utilized to show when the rule takes effect and	1	advance and take effect on a specific date (for example when a new contract comes into effect) It should be possible to enter a start	
	31.14	the end date would indicate the date that the rule was retired.	'	date and leave the end date blank until the end date is known (for example contracts can be extended or carried forward during negotiations)	Non- Mandatory
	S1.15	The system must allow the City to create and edit business rules to govern all scheduling and leave issues applicable to full and part-time		Torward during negotiations)	Wandatory
		personnel and civilian personnel in			Mandatory
	S1.16	The system must allow user-defined and editable business rules to govern leave policies, set schedules, set staffing levels, fill vacancies, handle off-duty work schedules, call out for			
		specialty units, and other types of			Mandatory
	S1.17	The system should provide a means to update and modify existing business rules, collective bargaining rules, and operating protocols and to			Non-
		schedule its implementation based on			Mandatory
	S1.18	Should be able to assign colour code to specific shifts defined in the system	1	WFPS has a colour code system today and can be provided.	Non- Mandatory
	S1.19	Should be able to define positions		·	Non-
	01.13	within each organization or unit			Mandatory
	S1.20	Should be able to associate requirements, criteria or capabilities			Non- Mandatory
	S1.21	May be able to associate an agency defined position number to a defined			Desired
	S1.22	May be able to assign a person to a	1	This would be the person's permanent	
		defined position (and position id). May be able to track the history for	_	spot (until the next staff alt).	Desired
	S1.23	each position numbers			Desired
	S1.24	May be nice if the system was able to track multiple position numbers for			Desired
	S1.25	Should be able to define "bank" amounts that can be carried over to the next year.	1	This includes personnel vacation banks, gratuity banks, etc. Fire doesn't carry over banks Paramedic carry over some banks but have different rules for	Non- Mandatory
	S1.26	It must be possible to define payroll codes to be used in tracking			Mandatory
	S1.27	It should be possible to define sub codes for payroll codes	1	Record an Overtime payroll code with a sub-code that represents the reason for the overtime.	Non- Mandatory
			2	Record miscellaneous code with a subcode for specific reason	Non- Mandatory
	S1.28	It should be possible to require the use of sub codes with certain payroll codes.	1	For example if the payroll code of OT is used, a sub code would be a mandatory field.	Non- Mandatory

		GENERAL			
					Mandatory/
					Non-
					Mandatory/
Section	Item	User Requirement		Definition/Test	Desired
		The system should allow an unlimited			
	S1.29	number of user-defined working and			Non-
		non-working codes and sub codes.			Mandatory
		The system should allow the system			
	S1.30	administrator to create pick lists and			
	31.30	shift patterns along with other			Non-
		required system information fields			Mandatory
	S1.31	The system administrator should be			Non-
	31.31	able to define the retention period for			Mandatory
	S1.32	System should allow for archiving			Non-
	31.32	system data.			Mandatory
		System should prevent users from			
	S1.33	one agency accessing data for			Non-
		another agency unless authorized			Mandatory
		System's reporting feature should			
	S1.34	prevent users from one agency			Non-
		accessing data for another agency			Mandatory
		System should allow certain data			
		and/or functionality to be shared			
	S1.35	across agencies e.g. scheduling			
		rules, calendars, etc. based on			Non-
		configurations defined by the system			Mandatory
		System should allow for each agency			
	S1.36	to have their own staffing rules based			Non-
		on their own collective agreements			Mandatory
	S1.37	System should allow for an unlimited			Non-
	31.37	number of rules			Mandatory
		System should allow for the definition			
	S1.38	and scheduling of holidays			Non-
		recognized in the various contracts.			Mandatory
		It should be possible to assign		Holidays recognized by unions may	
	S1.39	holidays to pre-defined shift patterns.	۱,	differ, so it is important that the system	
	31.39		'	be flexible enough to linked to some	Non-
				employees but not all.	Mandatory
Personnel		Should be able to track multiple date			
	S1.40	milestones for each employee such			Non-
		as hire date versus start date versus			Mandatory
	S1.41	May be able to track the history of			
	01.41	positions held by each employee			Desired
		Should be able to associate	1	Would be good if this could be added in	Non-
	S1.42	skills/qualifications with each	Ľ	from the hire date start.	Mandatory
	51.72	employee. Skills are then utilized to	2	It should be possible for designated	Non-
		match employees to positions.		users to modify skills associated to a	Mandatory
	S1.43	Skills/qualifications may be visible			
	51.43	when a user is recommended for a			Desired
		It may be possible for an employee to		For example, an employee may not be	
	S1.44	temporarily suspend	1	able to act in a senior capacity for a	
	51.44	skills/qualifications based on pre-	Ι'	period of time. As a result they should	Non-
		defined business rules.		be temporarily removed from the acting	Mandatory

		GENERAL			
Section	Item	User Requirement		Definition/Test	Mandatory/ Non- Mandatory/ Desired
		Should be able to capture and		Time banks include:	
	S1.45	maintain various predefined time banks for each employee.	1	Gratuity Vacation Statutory holidays Sick	Non- Mandatory
	S1.46	Employee should be able to track all their time including Overtime, acting time, stat time, etc. (historical and future)	1	Employee should be able to run a report and have a dashboard view of this type of information. Acting time relates to promotional qualifications and therefore must be tracked properly. Should be available in a calendar view	Non- Mandatory Non- Mandatory
	S1.47	Should be able to track the history of all return to work or modified duty events for an employee.	1	Would like a notification to go to the supervisor when the DTA is in place and when it ends.	Non- Mandatory
	04.40	Should be able to mark an employee unavailable and associate the appropriate unavailable code (payroll code).	1	Should be able to record appropriate payroll code to the status (long term sick, WCB, return to work, etc.). Unavailable status should be visible in	Non- Mandatory Non-
	S1.48		3	all views so it is easily seen by all users. Status should have an optional expiry date field which if used would change the user back to available status on the specified date.	Mandatory Non- Mandatory
	S1.49	System should be capable of allowing users to electronically submit requests for use of accrued leave including anticipated accruals for vacation and holiday as well as notice			Non- Mandatory
	S1.50	Employee should be able to modify their personal information and notification preferences through a			Non- Mandatory
Payroll	S1.51	Should have the ability for supervisor to sign off on absence and/or attendance records.	1	Absences must be signed by supervisor. Acting pay must be signed by	Non- Mandatory Non-
		atteriourise records.	_ 2	supervisor.	Mandatory
	S1.52	Overtime should be signed off by appropriate personnel.			Non- Mandatory
	S1.53	Acting time should signed off by supervisor and coded appropriately.			Non- Mandatory
	S1.54	May be possible to capture electronic signatures for sign off			Desired
	S1.55	It must be possible to assign payroll (status) codes and associate them to each shift personnel work	1	Be able to associate codes such as: a) regular time b) overtime pay c) overtime banked d) WCB e) Sick paid by union See full payroll code spreadsheet.	Mandatory
	S1.56	Should be able to track the balance of Stat holidays on an ongoing basis to ensure it levels out over the course of		See rules around stat days and short term or maternity leave time as this impacts the allotment of hours in the	Non- Mandatory

		GENERAL			Mandatory/ Non- Mandatory/
Section	Item	User Requirement		Definition/Test	Desired
Staffing levels	S1.57	Must be able to define a minimum staffing level for each hall and area.			Mandatory
	S1.58	Must be able to define a minimum	1	Each hall could have a different minimum staffing level for each shift based on operational needs.	Mandatory
	S1.59	Must be able to define a minimum staffing level for each hall for time of day (day shift vs. night shift) and each type of unit.	1	Each hall could have a different minimum staffing level for each shift based on time of day (day/night). This also needs to take into consideration	Mandatory
	S1.60	Must be able to define a minimum staffing level for each District Chief Area which must correspond (incorporate) the minimum staffing			Mandatory
	S1.61	Should have option to define staffing levels for each unit type assigned to a			Non- Mandatory
	S1.62	Should be able to assign criteria/qualifications to each position			Non- Mandatory
	S1.63	Should be able to manage a single crew being able to be assigned to 2			Non- Mandatory
	S1.64	It should be possible to define a position as mandatory or optional			Non- Mandatory
	S1.65	Optional positions may be able to be prioritized to represent the order they are to be filled in.	1	Minimum staffing positions should be marked as mandatory. All positions above minimum should have the option to define the order in which they are to be filled once minimum staffing levels are met.	Desired
	S1.66	Should allow the user to assign a specific # of hours that a person is allowed to work so that a warning is presented when they are going to		· ·	Non- Mandatory
	S1.67	Should be able to create ad-hoc overtime shifts for special events			Non- Mandatory
	S1.68	Should be able to identify overtime shifts which are billable or included in			Non- Mandatory
	S1.69	Should be able to create ad-hoc shifts to record shifts being worked by employees on return to work or			Non- Mandatory
	S1.70	Should be possible to track "on call" pe	ersc	nnel.	Non- Mandatory
	S1.71	Must alert user when staffing levels fall below requirements ensuring proper coverage is maintained			Mandatory
	S1.72	Alerts must be available to notify schedulers of shortages in specialties			Mandatory
	S1.73	May allow employees to indicate the days, shifts, or events in which they are available to work extra (O/T)			Desired
	S1.74	Should be able to record employee vacation time in the schedule in			Mandatory

		GENERAL			
					Mandatory/
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				5 a 5 .	Mandatory/
Section	Item	User Requirement		Definition/Test	Desired
		Authorized users should have the		For example, the training section should	
	S1.75	ability to create requests for	1	be able to request instructors or Acting	Nima
		personnel with specific skills sets to		Training Officers for training classes. It	Non-
		be seconded or temporarily allocated		should be possible to schedule these in	Mandatory Non-
	S1.76	Schedules should be viewable for at			
Ctoffin a		least 24 months in advance		Ctoff mayomenta are required on an	Mandatory
Staffing	S1.77	Should be able to alter employee's permanent position as required	1	Staff movements are required on an ongoing basis due to retirements,	Non-
changes	31.77	permanent position as required	ı	promotions and other staff changes.	Mandatory
		The date of the transfer should be		promotions and other stail changes.	Non-
	S1.78	definable by the agency.			Mandatory
		Should be able to adjust staffing (ad-			Non-
	S1.79	hoc) based on pre-defined business			Mandatory
		It should be possible to define		For example, if an employee has not	Mandatory
		business rules for retraining		worked in a Suppression position for	
	S1.80	requirements if an employee has not	1	more than 6 months, they must receive	
	01.00	been assigned to a position for a	'	sign off from Training before being able	Non-
		defined period of time		to work in Suppression.	Mandatory
	_	Should have the ability supervisor to		to work in capproceion.	Non-
	S1.81	sign off on staffing changes.			Mandatory
		It should be possible to mark a		When training is scheduled, an	,
	S1.82	position/employee or group of	1	employee may be marked as "Do Not	Non-
		employees as not available for		Move" to accommodate the training.	Mandatory
View staffing		Should be able to view the minimum		Each hall has a minimum staffing levels.	,
levels	S1.83	staff number defined for each hall	1	This number should be visible to defined	Non-
				user levels.	Mandatory
	S1.84	Should be able to view the minimum			Non-
	31.04	staff number defined for each hall and			Mandatory
	S1.85	Should be able to view the minimum			Non-
	31.03	staff number defined for each hall for			Mandatory
	S1.86	Should be able to view the current			Non-
	01.00	staffing levels for each hall and shift			Mandatory
	S1.87	Should be able to view the minimum			Non-
	01.01	staff for each District Area			Mandatory
		Should be able to view the total			
	S1.88	strength assigned to each hall and			Non-
		shift accounting for all staff			Mandatory
	S1.89	Should be able to view all positions			Non-
		for each District Area or EMS district			Mandatory Non-
	S1.90	Should be able to view all officer positions for all halls			Mandatory
		Should be able to view all officer			Non-
	S1.91	positions for each District area			Mandatory
		Should be able to view all officer			Non-
	S1.92	positions by shift and hall or			Mandatory
		Should be able to create a view of the		View should be able to be shown for the	Maridatory
		personnel qualified to "act" in a senior		whole department, an	
	S1.93	capacity.	1	organization/department, shift or other	
	01.00	Joapaony.	'	criteria. Must be able to decline to act in	Non-
				a senior capacity on a one-year basis.	Mandatory
				a contor capacity on a one-year basis.	mandatory

		GENERAL			
Section	Itom	Hoor Dogwirement		Definition/Test	Mandatory/ Non- Mandatory/
Section	Item	User Requirement Should be able to filter the view of the			Desired
	S1.94	personnel qualified to 'act' in a senior capacity by single or multiple criteria so that the user can see only acting D/Cs or only acting Captains etc.	1	Filter by the one or more of the following criteria: a) Organizational unit b) Acting capacity c) Shift d) Seniority	Non- Mandatory
	S1.95	Should be able to create a view to show upcoming vacations	1	View should be able to be shown for the whole department, an organization/department, shift or other criteria. This is also a view that could be applied to an individual user.	Non- Mandatory
	S1.96	Supervisors should be able to view all requests for leave using defined	1	View should be able to be shown for the supervisors assigned staff members.	Non- Mandatory
	S1.97	Should be able to view schedules of all employees with defined qualifications or skills by single or multiple criteria.	1	Filter by the one or more of the following criteria: a) Organizational unit b) Acting capacity c) Shift d) Seniority e) Specialty (qualification/skill)	Non- Mandatory
	S1.98	Supervisors may be able to view an employee's planned schedule versus			Desired
	S1.99	Should be able to view schedules of all employees with the qualification Acting Training Officers and			Non- Mandatory
Shift Trades/ Subbing	S1.100	Should allow for employees to trade shifts based on predefined business			Non- Mandatory
outg	S1.101	Shift trades may involve 2 or more employees and all related trades should be tracked. All exchanges should be recorded with the			Non- Mandatory
	S1.102	Shift trades on Statutory holidays should be flagged so that the payroll is able to adjust any stat pay for all			Non- Mandatory
	S1.103	The system should record and display all employees included in the shift trade (who was scheduled to work, as well as the actual person who worked)	1	Would be good if the system could alert if someone from the shift trade is booked off sick ahead of time. Would like a flag for the Platoon Chief of the shift that the person belongs to which would indicate that a sick note is	Non- Mandatory
	S1.104	Should be able to track all time earned or owed outside regular work			Non- Mandatory
	S1.105	Earned time must be used by the end of each year. The system should provide ongoing alerts or notifications	1	365 days from the first shift in the trade.	Non-
	S1.106	regarding status of earned and owed The system should allow for the users to perform private shift trades		A private trade occurs when a trade happens directly between 2 or more people. Must be based on	Mandatory Non- Mandatory

		GENERAL			Manufact
Section	Item	User Requirement		Definition/Test	Mandatory/ Non- Mandatory/ Desired
		The system may allow for the users to		A public trade occurs when someone is	
	S1.107	post for public shift trades	1	unable to find another employee to trade with. This feature should allow the user to post the trade for any appropriate resource to accept. Must be based on	Desired
Vacation	04.400	Staff allocation of vacation should be			Non-
Assignment	S1.108	managed within the scheduling			Mandatory
g		It should be possible to allocate staff			Ť.
	S1.109	vacations on an annual basis based			Non-
		on predefined business rules.			Mandatory
		It may be possible for the employees			
	S1 110	to request vacation time on an annual			
		basis based on predefined business			Desired
		Employees, vacation requests should			Boomea
	S1 111	be placed in a "pending" type status			Non-
	01.111	when initiated pending approval by			Mandatory
		Employees, vacation requests should			Non-
	S1.112	be approved by person in authority			Mandatory
		The system should allow for vacation			Non-
	S1.113	bidding based on defined business			Mandatory
		The system should allow users to			Non-
	S1.114				Mandatory
		trade vacation spots based on When annual leave entitlements have			Manuatory
	S1.115	been assigned to a member, the			Nissa
		system should have a mechanism for			Non-
	-	alerting the member of the assigned			Mandatory
Vacancies	S1.116	Employee should be able to record a			Non-
		"book off" when they are unavailable			Mandatory
	04 447	When booked off, the employee			
	51.117	should be able to record a "book			Non-
		back" when they become available to			Mandatory
	S1.118	Both the book off and book back			Non-
		processes should be able to be			Mandatory
		When an employee books off or on,		Type of leave, reason for leave (i.e. if a	
	S1.119	specific data should be captured	1	family illness - whom it is related to -	Non-
				mother, wife, child etc.)	Mandatory
		Notifications of all book off/ons should	1	Employee's immediate supervisor must	Non-
	S1.120	be sent to designated supervisory	·	be notified.	Mandatory
		personnel.	2	It should be possible to turn notifications	Non-
				on or off on a case by case basis.	Mandatory
		May be able to associate an alpha-			
	S1.121	numeric payroll code to the employee			
		associated to the permanent position			Desired
		Should have a notes field where		Free form text to make appropriate	
	S1.122	information related to the vacancy	1	notes of vacancy.	Non-
		can be captured (the reason the	L		Mandatory
		All requests for time off submitted by			
	S1.123	an employee should be approved by			Non-
		an authorized user (supervisor)			Mandatory
		A supervisor should be able to accept			
	S1.124	or reject a request for leave. A field			Non-
		should be present for supervisor to			Mandatory

		GENERAL			Mandatory/
Section	Item	User Requirement		Definition/Test	Non- Mandatory/ Desired
		Clicking on a request in the request		Would like a warning to be generated if	
	S1.125	annanna alaandal kalisa klaa maaa ka klaa	,	leave request is going to require OT to	
	51.125	specific day so they can determine	1	fill.	Non-
		staffing levels and approve/deny the		Would like a warning to be generated it	Mandatory
		System should automatically track			
	S1.126	time off requests that have been			Non-
		approved and notify attendance and			Mandatory
	S1.127	Should be able to create ad-hoc			Non-
	01.127	schedules for personnel on Return to			Mandatory
		Should be able to restrict Return to			
	S1.128	work shifts based on criteria provided			Non-
		through the Return to work process.			Mandatory
		Should be able to define the		Criteria is different for each	
	S1.129	appropriate business rules to	1	organization/department. Need to be	Non
		determine if a vacancy can be left		able to override this if a vacancy occurs	Non-
		open or must be filled. Vacancies in the schedule should be		in the middle of the night etc. Should be colour coded with a number	Mandatory Non-
	S1.130	presented to the user in a clear and	1	that shows how many short.	Mandatory
		User should be able to view the		lital Shows now many short.	Non-
	S1.131	criteria for a specific vacancy			Mandatory
		When filling a vacancy, the user			Mandatory
		should be able to view a			
	S1.132	recommendation for the replacement			Non-
		staff member based on predefined			Mandatory
		Recommendation may include a			
	S1.133	minimum of 5 personnel displayed in			
		order of recommendation based on			Desired
		When recommendations are		By seeing the "knock-on" impact of	
		presented, it should be possible to		selecting the recommended employee	
	S1.134	see any cascade effect of selecting	1	the scheduler has the ability to view any	
		the recommended employee.		vacancies created and weigh out the	Non-
				most desirable action and "what if"	Mandatory
	S1.135	User should be able to manually			Non-
	011100	accept the desired personnel from the			Mandatory
		User should be able to override the		Optional confirmation pop-up,	
		recommendation and manually select	1	configurable by the administrator -	NI
		different appropriate resource.		confirming the user wants to override	Non-
		Should include:		the system recommendations,	Mandatory
	S1.136		2	Audit trail showing the original recommendations, the manual override,	Non-
	1		_	user name, time and date.	Mandatory
				A visual indication that the vacancy was	Mandatory
			3	filled with an override of the	Non-
	1		ľ	recommendation provided.	Mandatory
	04.45=	The system should maintain an audit			Non-
	S1.137	trail of all rules used to fill vacancies.			Mandatory
		Users should be able to run a query			j
	S1.138	to display only the vacancies for			Non-
		specific criteria including capabilities,			Mandatory
	S1.139	Should be able to identify a fill-in of a			Non-
	0 100	position as billable or included in			Mandatory

		GENERAL			
					Mandatory/ Non- Mandatory/
Section	Item	User Requirement		Definition/Test	Desired
	S1.140	When reassigned from their primary position to cover another vacancy, it should be possible for the scheduler to mark that user as available for instances where they may be required		Would like the system to provide feedback to the users for total number of hours in a year (hours owed, time off owed etc.) when adjusting schedules from 4/4 to 5/2 etc.	Non- Mandatory
	S1.141	It should be possible for defined users to revise a schedule after the shift has		110111 1/ 1 to 0/2 oto.	Non- Mandatory
Reports	S1.142	It should be possible to run a ad-hoc or scheduled report to display all of the employees in return to			Non- Mandatory
	S1.143	Report requirement - # of hours a light or modified duty person is working to ensure they are working			Non- Mandatory
	S1.144	Reporting requirement - list of secondments, where they come from			Non- Mandatory
	S1.145	Reporting requirement - should to be able to provide a report of persons that work for someone who has run			Non- Mandatory
	S1.146	Reporting requirement - should to be able to provide a report of time owed			Non- Mandatory
	S1.147	Users should be able to display a daily "duty roster" style report.	1	User should be able to define criteria for report, such as: a) District area b) Halls c) Halls broken down by apparatus including vehicle information d) Specialty Teams e) Scheduled Training	Non- Mandatory
	S1.148	Duty reports should contain a visual indication of any specialty skill sets for			Non- Mandatory
	S1.149	Should have the ability to report all work at defined pay codes based on specific criteria	1	Criteria could include: a) Date Range b) Organizational Unit c) District Area	Non- Mandatory
	S1.150	Should have the ability to report all work at defined pay rates based on specific criteria	1	Criteria could include: a) Date Range b) Organizational Unit c) Battalion Area	Non- Mandatory
	S1.151	Should have the ability to run report on specific individuals to view their	1	Should include the option for date range in the query	Non- Mandatory
	S1.152	Daily report to show all personnel who have booked off with the			Non- Mandatory
	S1.153	Daily report to show all personnel who have booked on with the associated payroll code for the book			Non- Mandatory

		GENERAL			
Section	Item	User Requirement		Definition/Test	Mandatory/ Non- Mandatory/ Desired
Occion	item	Report to represent all officer		May contain the following information at	Desired
		movements (equivalent to the current		a minimum:	
		Pool Posting).		a) Rank	
		i con coung).		b) Name	
			1	c) Hall	
	04.454			d) Shift	
	S1.154			e) Moved to:	
				f) Moved From:	
				g) Reason	Desired
			2	List may be sorted by seniority	Desired
				May group the "to" moves first and then	
			3	the "from" moves.	Desired
		Should be able to produce a report		This could include time in positions such	
	S1.155	showing time in a specialty position	1	as Acting Training Officer, Instructor,	Non-
				HAZMAT, Tech Rescue etc.	Mandatory
		Should be able to produce a report for		As part of the staffing alterations, the	
		each employee or a group of		time in position is utilized to determine if	
	S1.156	employees showing the history of	1	staff reallocations should occur. This	
		each position held including time in		report is also used when reviewing	Non-
		each position		employees' career development.	Mandatory
		Report to represent all scheduled		Should be able to narrow the report	
		vacations.		based on defined criteria such as:	
	S1.157		1	a) Time/date	
				b) Hall	
				c) Organization/Department	Non-
		Oh a lilla alla ta a		d) Battalion Area	Mandatory
		Should be able to produce a report		For example, a report showing all the	
	S1.158	showing overtime for a specific	1	overtime accumulated for employees in	Niere
		employee or group of employees.		the FPO office as this is used to	Non-
		Overtime report about he able to		determine how overtime is allocated.	Mandatory
	Q1 1E0	Overtime report should be able to include the daily totals for a specific			Non-
	31.159	period of time as well as the overall			Mandatory
		Should be able to create a dashboard		For example, a report that shows:	iviariuatury
		type report for supervisors and other		Current Overtime totals	
	S1.160	designated users to show specific	1	Absences	Non-
		benchmarks for the employees they		Vacations	Mandatory
		Each user should be able to create a		For example, a report that shows:	Manadory
		dashboard type report to show		Current Overtime totals	
	S1.161	specific benchmarks for themselves.		Absences	Non-
		Specific Seriorimanio for monitorivos.		Vacations	Mandatory

		GENERAL			
					Mandatory/
					Non-
					Mandatory/
Section	Item	User Requirement		Definition/Test	Desired
		Users should have the ability to (at a		a) Payroll Code	
		minimum) collect and report out		b) Code Description	
		specific pieces of information which		c) Reason sub code	
		are required by the payroll system.		d) Authorizing person	
				e) PeopleSoft ID #	
				f) Permanent Hall	
	S1.162		١,	g) Shift	
	31.102		'	h) Confirmed Rank i) Member Name	
				j) Acting Name	
				k) Location of Work	
				I) Comments/Remarks	
				m) WCB Recurrence Y/N	
				n) Absence Began	Non-
				o) Absence End	Mandatory
		Should be able to schedule reports to		Daily reports for payroll or management	Managery
	S1.163	run automatically on a predefined	1	could be scheduled to run at	Non-
		basis		predetermined times.	Mandatory
	04.404	Reports can be viewed, shared,			Non-
	S1.164	printed or e-mailed on demand and			Mandatory
	S1.165	Should be able to email scheduled			Non-
	51.165	report to defined users or distribution			Mandatory
		Easily view trends and monitor			
	S1.166	employees' time and leave events as			Non-
		well as where labour costs are spent			Mandatory
	S1.167	Should be able to define criteria and			Non-
	•	indicators to identify attendance			Mandatory
	S1.168	Notifications of attendance trends			Non-
		should be able to be sent Create an automated shift report that		The report should be automatically	Mandatory
		can be sent to HQ. This report		regenerated and resent to the email	
	S1.169	should include anyone on any type of	1	distribution list when a change is made	Non-
		leave including union leave, sick		(i.e. half way through a shift)	Mandatory
Interfaces		Interface from the scheduling system		(i.e. Hall way tilleagh a chility	Mandatory
	a	to PeopleSoft e.g. for time entry and;			
	S1.170	Interface from PeopleSoft to			Non-
		scheduling system – e.g. for			Mandatory
	S1.171	Should have the ability to interface			Non-
	31.171	with Business Intelligence tools			Mandatory
		Ability to interface with Software		Interface would include personnel data,	
	S1.172	Records Management System	1	for example data relative to certifications	
		(RMS). This may be a two way	<u> </u>	or skills	Desired
		It should be possible to import			
	S1.173	scheduling and personnel related	1		N. 1
		data into the scheduling system from			Non-
		other databases or spreadsheets		Will condition information and ability to	Mandatory
	S1.174	Should allow for a real-time interface with the CAD system	1	Will send roster information and skills to be used in the CAD	Non- Mandatory
 		The system should support the		.csv	Non-
		manual or automated extract of data	1	.03v	Mandatory
		in formats that are usable for all		.html	Non-
		standard applications including, but	2		Mandatory

		GENERAL			
					Mandatory/
					Non-
					Mandatory/
Section	Item	User Requirement		Definition/Test	Desired
	S1.175	not limited to:	3	.xml	Non-
				.rtf	Mandatory Non-
			4	.1 (1	Mandatory
				.doc	Non-
			5	1300	Mandatory
Notifications		System should support notifications to			,
		the following types of systems:			
	S1.176				
		Phone			Non-
		Text/SMS			Mandatory
	S1.177	It should be possible to define more			Non-
		than one of each type of notification			Mandatory
	S1.178	Users should be able to define at			Non-
		least 3 preferred methods of			Mandatory Non-
	S1.179	Users should be able to phone a central (pre-defined) number and			Mandatory
		System must maintain a complete		Must be able to see all notifications	Manualory
		audit trail of all		including date and time stamp.	
		interactions/notifications with		If successful it should include success	
	S1.180	personnel for historical audits.	1	criteria, date and time stamp	
				If not successful it should include record	
				of actions taken, criteria, data and time	Mandatory
		Rules should be able to be defined for		Examples: Users should have to talk to	-
		when a user must report book off/on		a defined person in authority when	
		to a defined person in authority		a) User wants to book off more than 5	
	S1.181		1	days in advance	
			-	b) User wants to book off less than 2	
				hours in advance of the shift.	Nian
				This needs to be definable based on the	Non-
		When a user's shift is modified the		business or bargaining unit Would like the ability to hide the change	Mandatory
		system should automatically contact		until the user is ready to publish or	
	S1 182	the user to advise of the modification.	1	commit the change.	
	01.102	Automatic notification should be able		ooninin the onange.	Non-
		to be over-ridden or stopped so the			Mandatory
		When a user's shift is modified the		Would like the ability to hide the change	,
		system should automatically contact		until the user is ready to publish or	
	S1.183	the affected halls to advise of the	1	commit the change.	
		modification. Automatic notification			Non-
		should be able to be over-ridden or			Mandatory
		The system may send an alert to the		The system send an alert to the	
	S1.184	supervisor when an employee reach		supervisor when an employee reach pre-	
		pre-defined milestones such as #of		defined milestones such as #of	Dooired
User Interface		absences. For performance Users should be able to access	-	absences. For performance	Desired Non-
Oser interrace	S1.185	staffing system through a web			Mandatory
		Users should be able to access		Outside the network i.e.: through a	Non-
	S1.186	staffing system remotely.	1	firewall	Mandatory
		Users should be able to access			Non-
	S1.187	staffing system through smartphone			Mandatory
	04.400	I lears should be able to access the			Non-
	S1.188	system through a telephony system			Mandatory

		GENERAL			
Section	Item	User Requirement		Definition/Test	Mandatory/ Non- Mandatory/ Desired
Security	110111	The system should be capable of		Deminion, rest	Desired
Security	S1.189	supporting multiple agencies within the same server plan/deployment			Non- Mandatory
	S1.190	The system should allow the system			Non-
	S1.191	own agency or across agencies if The system must require a user name	1	User names shall be definable by the	Mandatory
	S1.192	and password for each authorized The system must allow multiple levels of security access from end-user to		system administrator.	Mandatory
	S1.193	agency supervisor/administrator It must be possible for the system administrator to define what the security levels are and (if necessary)			Mandatory Mandatory
	S1.194	Rusinoss rulos must be able to be			Mandatory
	S1.195	User should be able to change passwords without having to request the change from the System			Non- Mandatory
	S1.196	The system administrator must be able to define the format for user			Mandatory
	S1.197	The system administrator must be able to define whether passwords expire on a scheduled basis or not			Mandatory
	S1.198	system warning must be presented to			Mandatory
	S1.199	Any system warning about password expiry must be configurable as to content and how far in advance it will			Mandatory
	S1.200	The system must allow temporary duty assignments for administrators allowing modifications to security on a temporary basis	1	Example is when a supervisor goes on leave and the person filling in will assume their responsibilities in Telestaff while they are away.	Mandatory
	S1.201	It must be possible to assign individuals a higher security access			Mandatory
	S1.202	System must enable the system administrator to designate under appropriate security authorization, application administrators and sub			
	S1.203	administrators to enable assignments The system must maintain a complete audit trail for all transactions		At a minimum, the audit trail should include data/time stamp, action taken,	Mandatory
		performed in the system. It must be possible for the system administrator to select the tables or columns to be applied to the audit trail. This will allow the system		changes made, user id	Mandatory
	S1.205	administrator to manage database It must be possible to use Active Directory log on so that a single sign	1	Non-AD users must be able to access via other sign on methodologies.	Mandatory Mandatory

		GENERAL			
Section	Item	User Requirement		Definition/Test	Mandatory/ Non- Mandatory/ Desired
Business		If the system becomes unusable, the		The users should be able to use a	
Continuity		users should be able to have an	1	'blank' form template to record existing	
	S1.206	alternative version of the schedule with the employees in their primary	'	staffing and future staffing.	Non- Mandatory
		positions. This would establish a "blank" schedule to be could then be	2	Alternative versions would include Excel spreadsheet and/or printed versions.	Non- Mandatory
	S1.207	It must be possible to run scheduled back up of the database based on pre-			Mandatory
	S1.208	Availability • The system must be architected to work in a high availability environment	1	In the event of failure of all or part of the system (hardware or software), the system must be able to fail over to backup infrastructure (same site of offsite location) in a minimal amount of time without any loss of data The system is expected to be available	Mandatory
		Recoverability - If for any reason	_	7x24x365	Mandatory
	S1.209	there is a pood to restore the system			Mandatory
Compliance		requirements of the Manitoba Freedom of Information and			
	S1.210	Protection of Privacy Act (FIPPA) ,			Mandatory

		TECHNICAL			
Section	Item	User Requirement		Definition/Test	Mandatory/ Non- Mandatory/ Desired
Client		The system should operate on a			
Services	S2.1	standard industry-recognized			Non-
		operating system			Mandatory
		The system should provide a smart			
	S2.2	phone interface capable of working			
	32.2	on Android Marshmallow (6.0),			Non-
		Blackberry or iOS			Mandatory
		The user interface should scale			
	S2.3	appropriately based on the size,			
	32.3	orientation and screen resolution of			Non-
		the user device.			Mandatory
		Any Web App or Web Interface			
		should operate in modern browsers			
	S2.4	including Safari, Firefox, Internet			
		Explorer, Microsoft Edge, Google			Non-
		Chrome			Mandatory
Infrastructure	S2.5	The system must communicate in an			
	32.5	IP network			Mandatory
		The system should be capable of			
	S2.6	transmitting alerts and notification via			
	32.0	SMS, SMTP, EMTP or commercial			Non-
		paging			Mandatory
		Must be capable of operating in a			
	S2.7	Windows Server 2008 r2 or higher			
		environment.			Mandatory
	00.0	The database should be on a			Non-
	S2.8	standard industry-based database			Mandatory
	00.0	The vendor should allow for annual	1	The vendor should allow for annual	Non-
	S2.9	upgrades of OS and DB		upgrades of OS and DB	Mandatory
		System backups must not negatively	1	System backups must not negatively	Mandatory
		impact system performance		impact system performance. Vendor	
	S2.10			shall propose the best practices for	
				archiving data from the primary	
				database.	
		CAD vendor should provide	1	CAD vendor should provide application	
	S2.11	application health status alerts to		health status alerts to facilitate SNMP	
	32.11	facilitate SNMP monitoring or similar		monitoring or similar technology.	Non-
		technology.			Mandatory
	S2.12	The system should support importing	1	The system should support importing	Non-
	32.12	and exporting in XML		and exporting in XML	Mandatory
	S2.13	The vendor must provide the source	1	The vendor must provide the source	Mandatory
	02.10	code, with annual updates		code, with annual updates	
		The vendor must provide the	1	The vendor must provide the database	Mandatory
	S2.14	database schema, with annual		schema, with annual updates	
		updates			
	S2.15	The vendor must provide the	1	•	Mandatory
	02.13	database dictionary		dictionary	
		The vendor must provide detailed	1	The vendor must provide detailed	Mandatory
	S2.16	system administration documentation		system administration documentation	
	00 :=	The vendor must provide system	1	The vendor must provide system	Mandatory
•	S2.17	administration training	l .	administration training	1

		TECHNICAL			
Section	Item	User Requirement		Definition/Test	Mandatory Non- Mandatory Desired
	S2.18	The vendor must provide functional documentation	1	The vendor must provide functional documentation	Mandatory
	S2.19	The vendor must provide functional test plans and test scripts	1	The vendor must provide functional test plans and test scripts	Mandatory
	S2.20	The vendor may provide load test scripts	1	Load simulation and timing mechanisms	Desired
	S2.21	The vendor must provide a system architecture diagram	1	The vendor must provide a system architecture diagram	Mandatory
	S2.22	The vendor should provide a multiple environment test environment	1	There should be at least the following database environments required - Production (LIVE), training and development	Non- Mandatory
	S2.23	Database backup	1	The system must provide the ability for on line/hot backups of the database without impairing system operation	Mandatory
	S2.24	Failover capability	1	The system must have the ability to fail over to another server/system	Mandatory
		The system must support current industry standard infrastructure formats	1	The system must be capable of operating in a Virtual Machine environment	Mandatory
	S2.25		2	Virtual Machine environment includes database servers, interface or application servers and dispatch workstations	Mandatory

		CORPORATE			
Section	Item	User Requirement		Definition/Test	Mandatory/ Non- Mandatory/ Desired
Corporate		Vendor solution is currently installed		Vendor should be able to provide	
General	S3.1	in departments of similar size and		references	Non-
		number of users Vendor must support/work with			Mandatory
	S3.2	standard vendors for various interfaces including CAD and PeopleSoft solutions			Mandatory
	S3.3	Vendor must offer annual maintenance packages			Mandatory
	S3.4	Vendor must provide a warranty for the product/solution			Mandatory
	S3.5	Vendor should offer an extended warranty			Non- Mandatory
	S3.6	Vendor may support/provide a user conference	1	Vendor may support/provide a user conference	Desired
	S3.7	Vendor may support/provide a Canadian user conference	1	Vendor may support/provide a Canadian user conference	
	S3.8	Vendor may support a regional user conference	1	Vendor may support a regional user conference	Desired
Product	S3.9	The vendor should provide a system database schema			Non- Mandatory
Documentatio		The vendor should be able to			iviaridatory
n	S3.10	describe the different services and levels of support that are available			Non- Mandatory
	S3.11	The vendor should provide product release notes for the version of the software being recommended for use at the time of system implementation			Non- Mandatory
	S3.12	System documentation should include both user guides and system administrator guides			Non- Mandatory
	S3.13	The vendor may provide system test plans	1	User Acceptance Test Plan Regression Test Plan	Desired Desired
Client Support	S3.14	The vendor should provide technical assistance with the configuration of the system			Non- Mandatory
	S3.15	The vendor should provide technical assistance with the implementation of the system			Non- Mandatory
	S3.16	A predefined process and associated expected timelines for trouble resolution may be provided			Desired
	S3.17	The vendor must be able to provide a process for system upgrades			Mandatory
	S3.18	System solution should be subject to an internal (vendor) QA process			Non- Mandatory
	S3.19	The vendor must provide software configuration training to identified super users			Mandatory
	S3.20	The vendor may provide user-level training in a train-the-trainer format			Desired

		CORPORATE			
	_				Mandatory Non- Mandatory
Section	Item	User Requirement		Definition/Test	Desired
	S3.21	The vendor should provide implementation and project support			Non- Mandatory
		Vendor must provide 7/24/365 support	1	The vendor must provide an agreed service level agreement	Mandatory
			2	The vendor must provide a response within a certain time frame to calls for assistance	Mandatory
	S3.22		3	The response time must be based on the priority of the request	Mandatory
	00.22		4	The vendor should provide first, second and third level support	Non- Mandatory
			5	The vendor should provide a web-based knowledge bank;	Non- Mandatory
				Users may be able to post information/issues to the web-based	
			6	bank	Desired
	S3.23	The vendor may provide a file transfer site;			Desired
	S3.24	Vendor should track and monitor customer submitted bugs		Should track, monitor bugs and provides feedback to the customer	Non- Mandatory
	S3.25	Vendor should provide a single point of contact		The vendor should provide a single point of contact for customer support This should include a single project	Non-
User Base	S3.26	Vendor is currently installed with a number of users and anticipated call	1	manager Refer to the Assumptions worksheet for details	Mandatory
		volume			Mandatory

	Glossary
Term	Definition
	A report is the results of a query or view that can be exported or printed from the application based on a
Report	predefined format or template.
	A query is a request for information based on a specified set of criteria. The results of a query are
	displayed within the application with the option to export to a application (e.g. Excel, Word, etc.) or
Query	produce a report based on a standard format.
	A view is a formatted way of looking at data within the application. A view can be the results of a query
View	with the option to produce a report.