

 **Viewpoint**  
Jobpac Connect<sup>™</sup>

SOR Resource Rates Library  
Function Guide  
Version: 1.0

# Document Control Table

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<b>Approved or authorised by</b>	
<b>Release date</b>	31/05/2022
<b>Version</b>	1.0
<b>Commercial in Confidence</b>	

# Change History

Version	Date	Author	Description of Changes
1.0	31/05/2022	DMB	Initial Release

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## Resource Library

### Introduction

A centralised resource library option is available for SOR Projects. The library can either be generated from Expert Estimate upload, manually created or 'built' for existing live projects. The review and bulk application of new forecast cost rates across a project is also supported with audit trails.

This library is based on standard Description or Resource names used for each Subitem line in the Schedule of Rates.

### For Example

SOR Item

<b>R1.2</b>	<b>Construction of Footpath</b>	<b>400 M2 at \$100/M2</b>	<b>= \$40,000</b>
Resources	1. Standard Labourer	200 HRS @ \$50	= \$10,000
	2. Standard Supervision	50 HRS @ \$70	= \$ 3,500
	3. 1.2 M Grader	50 HRS @ \$100	= \$ 5,000
	4. 10mm Gravel	400 M2 @ \$10	= \$ 4,000
	5. Thumper	100 HRS @ \$100	= \$10,000

Each of the descriptions of the resources are in effect 'a Code'. They will appear many times in other SOR Items. They must be consistently named.

A library of Rates is built up based on these names.

This library can then be used to update forecast rates for these Resources across the whole project. E.g. If the rate for a 1.2M Grader moves to \$120 per hour, then this new rate can be pushed out to all the occurrences of 1.2M Grader throughout the project.

It is important to note these are forecast rates only, and the budget rates are not changed.

### Setup for Resource Library

If a SOR Project is to use a Resource Library then the box must be ticked in Job Maintenance

<input type="checkbox"/> Use Resource Code Cost Tracking?	<input type="checkbox"/> Disable Excel In Progress Claim	Terms & Conditions Format <input type="checkbox"/>
<input checked="" type="checkbox"/> Use Resource Library Forecast Control		
<input type="checkbox"/> This is a template job	Template Job Number	<input type="text" value="SORTMP"/> <input type="button" value="SOR Template"/>

This will cause the column description on Sub Items to change from Resource Description to Resource Name.

When the SOR Project is loaded, and the Use Resource Library Forecast Control' is ticked, a Resource library is automatically created.

Resource Library Maintenance 
[ACTIONS](#) [OK](#) [BACK](#)

Job Number SORRSL SOR Resource Library Project  
Budget Finalised N

[PROJECT QTY](#) [MOVEMENT](#) [RESOURCE DESCRIPTION](#)
Upload

Current RL Control DJC 45940.00 Proposed RL Control DJC 45940.00

[Hide](#) [Apply](#) [Clear](#)

[XLS](#) [+](#) [<](#) [>](#) [...](#)

Resource Name	CT	Project Qty	Unit	Current FCC Rate	Current Resource FCC	Proposed FCC Rate	Proposed Resource FCC
DRAINLAYER	LB	242.8000	HOUR	50.0000	12,140.00	50.0000	12,140.00
GAP 20 (PER T)	MT	160.0000	TON	30.0000	4,800.00	30.0000	4,800.00
OPERATOR	LB	240.0000	HOUR	40.0000	9,600.00	40.0000	9,600.00
PL INSURANCE	MT	1.0000	ITEM	2,000.0000	2,000.00	2,000.0000	2,000.00
SAFETY REPORT	MT	4.0000	NO	700.0000	2,800.00	700.0000	2,800.00
STANDARD FOREMAN	LB	3.0000	DAY	600.0000	1,800.00	600.0000	1,800.00
STANDARD PM	LB	3.0000	DAY	600.0000	1,800.00	600.0000	1,800.00
STANDARD QS	LB	2.0000	DAY	650.0000	1,300.00	650.0000	1,300.00
TRANSPORT - GAP 20 (PER T)	PL	160.0000	TON	10.0000	1,600.00	10.0000	1,600.00
300 PVC	MT	50.0000	M	50.0000	2,500.00	50.0000	2,500.00
375 PVC	MT	70.0000	M	80.0000	5,600.00	80.0000	5,600.00

Column Name	Description
<b>Resource Name</b>	There is one entry here for every resource that has appeared across the project.
<b>Cost Type</b>	This is the cost type of the Resource. This must be consistent throughout the project.
<b>Project Qty</b>	This is the total Qty of that resource across the whole project
<b>Current FCC Rate</b>	This forecast rate is current used through the whole project for this resource
<b>Current Resource FCC</b>	Project Qty * Current FCC Rate
<b>Proposed FCC Rate</b>	This field is Changeable. The FCC rate can be change here.
<b>Proposed Resource FCC</b>	Project Qty * Proposed FCC Rate

## Right Mouse Click options

Option	Description
<b>Audit History</b>	This show an audit of changes done to that Resource Name
<b>UOM Change</b>	The UOM for the Resource Name can be changed throughout the project. This option presents a screen to nominate the new UOM, and to change it.
<b>Rate Change</b>	This actually applies the Change that was made for this Resource Name.
<b>Name Change</b>	This can be used to change the name of the Resource throughout the project
<b>Delete</b>	This can only be used if the Resource Name no longer is used in any PMW entry.

## Action Menu options

Option	Description
<b>Add</b>	New resource Names can be added here, and then used in new subitems in Forecasting by Item.
<b>Copy</b>	Resource Names can be copied from one project to another
<b>Merge</b>	Two or more Resource Name can be merged together, providing they have the same Cost type, UOM, and FCC Rate
<b>Apply Rates All</b>	This will apply any outstanding Rate changes for all Resource Name
<b>Rebuild</b>	This can be used to Rebuild the whole Resource library
<b>Resource listing</b>	This prints out a list of Resource Names.

### Adding a Resource Name from Forecasting By Item

If a new Subitem is added in Forecasting by Item, and the Resource Name does not exist, it can be added to the Resource Library

In screen below, the line called Contingency was added.

# SOR Resource Rates Library

Project Manager Worksheet Forecasting by Item ACTIONS OK BACK

Job SORRSL SOR Resource Library Project

Seq# 12 Original Qty 50.0000 Sell Rate 400.0000

Section 20 Contract Qty 50.0000 Claimed To Claim 50.0000

Item B3.2.8a 300mm dia. pipe FFQ 50.0000 Orig Rate 278.0000

FM SC Schedule Item c Qty Done Curr Rate 278.0000 Budg to Comp 13,900.00

FQC 50.0000 FCC Rate 298.0000 m FCC 14,900.00

Rate Override Used

FORECAST NOTES AUDIT

Hide Apply Clear XLS + < > ...

Period MAR22  Notes  Worksheet Lines

= Contains = From From From From From From From From

Line	Resource Name	Unit	Production Rate	Qty To Go	Rate	Amount	Cost Code	CT	P C
1	300 PVC	M	1.0000	50.0000	50.0000	2,500.00	CV140	MT	P
2	GAP 20 (PER T)	TON	1.2000	60.0000	30.0000	1,800.00	CV140	MT	P
3	TRANSPORT - GAP 20 (PER T)	TON	1.2000	60.0000	10.0000	600.00	CV140	PL	P
4	DRAINLAYER	HOUR	2.0000	100.0000	60.0000	6,000.00	CV140	LB	P
5	OPERATOR	HOUR	2.0000	100.0000	40.0000	4,000.00	CV140	LB	P
6	Contingency	ITEM		5,000.0000	1.0000	5,000.00	CV140	MT	P
7									P

When Ok is selected, the following screen is displayed, as this Resource Name does not exist.

Project Manager Worksheet Forecasting by Item ACTIONS OK BACK

Job SORRSL SOR Resource Library Project

Seq# 12 Original Qty 50.0000 Sell Rate 400.0000

**Scan Resource Name/Description** X

Job SORRSL SOR Resource Library Project

Apply + < > ...

Contingency Contains From From From From From From From From

To To To To To To To To

Resource Name	Resource Description	CT	UOM	Current FCC Rate	Current Resource FCC	Last Update User	Last Update Dat
(No resource desc to display)							

By selecting the Add option, this can be added to the resource library.

### Add New Resource ✕

Job Number      SORRSL      SOR Resource Library Project

Resource Name     

Resource Description     

Cost Type     

UOM     

Current FCC Rate     

RESRCMN201

This now appears in the Resource library, and can be used elsewhere

Resource Library Maintenance 
 ACTIONS    OK    BACK

Job Number      SORRSL      SOR Resource Library Project  
Budget Finalised    N

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PROJECT QTY    MOVEMENT    RESOURCE DESCRIPTION    ↑ Upload

Current RL Control DJC      53200.00    Proposed RL Control DJC      53200.00

▼ Hide    Apply    Clear   

Resource Name	CT	Project Qty	Unit	Current FCC Rate	Current Resource FCC	Proposed FCC Rate	Proposed Resource FCC
CONTINGENCY	MT	5,000.0000	Item	1.0000	5,000.00	1.0000	5,000.00
DRAINLAYER	LB	240.0000	HOUR	60.0000	14,400.00	60.0000	14,400.00
GAP 20 (PER T)	MT	160.0000	TON	30.0000	4,800.00	30.0000	4,800.00
OPERATOR	LB	240.0000	HOUR	40.0000	9,600.00	40.0000	9,600.00
INSURANCE	MT	1.0000	ITEM	3,000.0000	3,000.00	3,000.0000	3,000.00