

When implementing Oracle Services Procurement there are a number of steps in the process that can easily be controlled by a number of Alerts. The Alerts will notify you when a certain step in the process is not performed as expected. Examples are:

1. The Purchase Order for a Contingent Worker is approved but the Purchase Order is not yet assigned to a Contingent Worker Assignment in Oracle HR
2. Purchase Orders for Contingent Workers that are expiring within the next 14 days
3. There is a mismatches between the Start date on the Purchase Order and the Start date of the Contingent Worker Assignment in HR
4. Contingent Workers with an active assignment but without active user
5. Contingent Worker Requisitions that are not charged to the Clearing Project (CWK Project)

In this article you will find some sample SQL queries for these Alerts. You can use these as basis for your own Alerts. If you just want to run the SQL queries you can of course just exclude the "into" section.

### **Alert for Approved Purchase Orders that are not yet assigned to a contingent worker assignment**

```
select o.name , ph.segment1 ,      pl.line_num ,      pv.vendor_name ,      pl.contractor
_first_name ,

pl.contractor_last_name ,
pl.start_date ,

pl.expiration_date ,
ph.approved_date into
&OPERATING_UNIT ,
&PO_NUMBER ,
&LINE_NUMBER ,
&VENDOR_NAME ,
&FIRST_NAME ,
&LAST_NAME ,
&START_DATE ,
```

## Alerts for Oracle Services Procurement

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```
&END_DATE ,
&APPROVED_DATE from
po_headers_all ph ,
po_lines_all pl ,
po_vendors pv ,
po_vendor_sites_all vs ,
hr_all_organization_units o where
ph.po_header_id = pl.po_header_id and

ph.vendor_id = pv.vendor_id and

ph.vendor_site_id = vs.vendor_site_id and

ph.org_id = o.organization_id and

ph.authorization_status = 'APPROVED' and

nvl(pl.closed_code,'OPEN') = 'OPEN' and

nvl(pl.cancel_flag,'N') = 'N' and

pl.job_id is not null and

ph.type_lookup_code = 'STANDARD' and

pl.po_line_id NOT IN (select nvl(po_line_id,-1) from per_all_assignments_f)
```

### **Alert for Purchase Orders that are about to expire within the next 14 days without a new assignment for the Contingent Worker**

```
select ph.segment1
, pl.line_num
, pv.vendor_name
, emp.full_name
, pl.start_date
, pl.expiration_date into &PO_NUMBER , &LINE_NUMBER , &VENDOR , &CONTINGE
NT_WORKER ,

&START_DATE ,

EXPIRATION_DATE
from po_headers_all ph
, po_lines_all pl
, po_vendors pv
, per_all_assignments_f pa
, hr_employees emp
```

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```
where ph.po_header_id = pl.po_header_id
and ph.vendor_id = pv.vendor_id
and pl.job_id is not null
and ph.type_lookup_code = 'STANDARD'
and pl.po_line_id = pa.po_line_id
and pa.person_id = emp.employee_id
and nvl(pl.closed_code,'OPEN') = 'OPEN'
and nvl(pl.cancel_flag,'N') = 'N'
and ph.authorization_status = 'APPROVED'
and nvl(ph.closed_code,'OPEN') = 'OPEN'
and sysdate between pa.effective_start_date and pa.effective_end_date
and pl.expiration_date between sysdate and sysdate+14
and pa.person_id not in (select a.person_id from per_all_assignments_f a , po_lines_all b
```

```
where
a.po_line_id = b.po_line_id

and
b.expiration_date > sysdate+14)
```