Alerts for Oracle Services Procurement

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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 are 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 ,
```

```
&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)
```