Labour Products and Assigned Technicians

```
/*

Listing of Labour Products and the technicians assigned to them

*/

WITH CTE AS (

    SELECT

        ISNULL(I.groupfld,' ')            AS ParentGroup,

        ISNULL(PG.group_descv6,' ')         AS ParentGroupDesc,

        ISNULL(I.category,' ')            AS ParentCategory,

        ISNULL(PC.cat_descv6,' ')          AS ParentCategoryDesc,

        ISNULL(I.subcategory,' ')          AS ParentSubCategory,

        ISNULL(PSC.cat_descv6,' ')          AS ParentSubCategoryDesc,

        ISNULL(B.parent_code,' ')          AS ParentCode,

        ISNULL(I.descriptionv6,' ')        AS ParentDescription,

        ISNULL(

            CASE I.product_config

                WHEN 0 THEN 'Product'

                WHEN 1 THEN 'PACKAGE'

                WHEN 2 THEN 'MACRO'

            END, ' '

        ) AS ParentConfig,

        ISNULL(I2.groupfld,' ')            AS ChildGroup,

        ISNULL(CG.group_descv6,' ')          AS ChildGroupDesc,

        ISNULL(I2.category,' ')            AS ChildCategory,

        ISNULL(CC.cat_descv6,' ')          AS ChildCategoryDesc,

        ISNULL(I2.subcategory,' ')          AS ChildSubCategory,

        ISNULL(CSC.cat_descv6,' ')          AS ChildSubCategoryDesc,
```

```sql
    ISNULL(B.product_code,' ')          AS ChildCode,

    ISNULL(I2.descriptionv6,' ')        AS ChildDescription,

    CASE B.variable_part

     WHEN 0 THEN 'Component'

     WHEN 1 THEN 'Accessory'

     WHEN 2 THEN 'Alternative'

    END AS ChildDefinedAs,

    B.SelectComp                        AS ChildSelectComp,

    ISNULL(CAST(B.qty_v5 AS varchar(20)),' ') AS ChildQty,

    ISNULL(

        CAST(I2.product_config AS varchar(10)),

        ' '

    ) AS ChildConfig,

    ROW_NUMBER() OVER (

        PARTITION BY B.parent_code

        ORDER BY B.sub_seq_no

    ) AS rn
FROM tblbill B

LEFT JOIN tblinvmas I  ON I.product_code = B.parent_code

LEFT JOIN tblgroup PG ON PG.group_code = I.groupfld

LEFT JOIN tblcategory PC  ON PC.category_code = I.category

LEFT JOIN tblcategory PSC ON PSC.category_code = I.subcategory

LEFT JOIN tblinvmas I2 ON I2.product_code = B.product_code

LEFT JOIN tblgroup CG ON CG.group_code = I2.groupfld

LEFT JOIN tblcategory CC  ON CC.category_code = I2.category

LEFT JOIN tblcategory CSC ON CSC.category_code = I2.subcategory

WHERE I.product_type_v41 = 1
```

```sql
)

SELECT

    CASE WHEN rn = 1 THEN ParentGroup ELSE ' ' END            AS [Parent Group],

    CASE WHEN rn = 1 THEN ParentGroupDesc ELSE ' ' END        AS [Parent Group Description],

    CASE WHEN rn = 1 THEN ParentCategory ELSE ' ' END         AS [Parent Category],

    CASE WHEN rn = 1 THEN ParentCategoryDesc ELSE ' ' END     AS [Parent Category
Description],

    CASE WHEN rn = 1 THEN ParentSubCategory ELSE ' ' END      AS [Parent Sub Category],

    CASE WHEN rn = 1 THEN ParentSubCategoryDesc ELSE ' ' END  AS [Parent Sub Category
Description],

    CASE WHEN rn = 1 THEN ParentCode ELSE ' ' END             AS [Parent Code],

    CASE WHEN rn = 1 THEN ParentDescription ELSE ' ' END      AS [Parent Description],

    CASE WHEN rn = 1 THEN ParentConfig ELSE ' ' END           AS [Parent Config],

    ChildGroup          AS [Child Group],

    ChildGroupDesc      AS [Child Group Description],

    ChildCategory       AS [Child Category],

    ChildCategoryDesc   AS [Child Category Description],

    ChildSubCategory    AS [Child Sub Category],

    ChildSubCategoryDesc AS [Child Sub Category Description],

    ChildCode           AS [Child Code],

    ChildDefinedAs      AS [Type],

    ChildSelectComp     AS [Optional],

    ChildDescription    AS [Child Description],

    ChildQty            AS [Child Qty],

    ChildConfig         AS [Product Config]
FROM CTE
ORDER BY ParentGroup, ParentCategory, ParentSubCategory, ParentCode;
```