



Oracle® Grants Proposal

Technical Reference Manual

Release 11i

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Oracle® Grants Proposal Technical Reference Manual

RELEASE 11*i*

August 2000

ORACLE®

Oracle® Grants Proposal Technical Reference Manual
Release 11i

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CHAPTER

1

Introduction

This chapter introduces the *Oracle Grants Proposal Technical Reference Manual* and explains how to use it. It includes the following topics:

- overview
- introduction
- about this manual
- finding the latest information
- audience
- how this manual is organized
- how to use this manual
- restrictions
- Oracle Application Object Library
- terminology
- additional documentation
- Oracle services
- about Oracle
- reader comments

Overview

The *Oracle Grants Proposal Technical Reference Manual* contains detailed information about the underlying structure of Oracle Grants Proposal. It describes the Oracle Applications Release 11i data model and database objects used by Oracle Grants Proposal. This information is useful for converting existing applications data, integrating existing applications with Oracle Grants Proposal, and writing custom reports for Oracle Grants Proposal.

Introduction

Oracle designs and builds applications using Designer/2000, a systems design technology that provides a complete environment to support developers through all stages of a system's life cycle. Because Oracle uses a repository-based design toolset, all the information regarding the underlying structure and processing of Oracle applications is available online. Using Designer/2000, Oracle can present this information in the form of a technical reference manual.

The *Oracle Grants Proposal Technical Reference Manual* contains detailed, up-to-date information about the underlying structure of Oracle Grants Proposal. As Oracle designs and builds new releases of Oracle Grants Proposal, the Designer/2000 repository is updated to reflect enhancements. As a result, Oracle can always provide an *Oracle Grants Proposal Technical Reference Manual* that contains the very latest technical information.

About this Manual

This manual describes the Oracle Applications Release 11i data model, as used by Oracle Grants Proposal. It discusses the database included with a fresh install of Oracle Applications Release 11i. Organizations that have not yet upgraded to Release 11i may have databases that differ from the database documented in this manual.

Organizations that have upgraded from a previous release might find it helpful to use this manual with the appropriate *Oracle Applications Product Update Notes* manual. The product update notes list database changes and seed data changes in Oracle Grants Proposal between releases. The *Oracle Applications Product Update Notes Release 11* manual describes the changes between Release 10.7 and Release 11, and the

Oracle Applications Product Update Notes Release 11i manual describes the changes between Release 11 and Release 11i.

Finding the Latest Information

The *Oracle Grants Proposal Technical Reference Manual* contains the latest information as of the publication date. For the latest information, readers are encouraged to use *Oracle MetaLink* which is accessible through Oracle's Support Web Center (http://www.oracle.com/support/elec_sup).

Audience

The *Oracle Grants Proposal Technical Reference Manual* provides useful guidance and assistance to the following:

- technical end users
- consultants
- systems analysts
- system administrators
- other MIS professionals

This manual assumes a basic understanding of structured analysis and design, and of relational databases. It also assumes familiarity with Oracle Application Object Library and Oracle Grants Proposal. Readers unfamiliar with these products can attend Oracle Education training. For more information on Oracle Education, see the Oracle Services section in this chapter.

How this Manual is Organized

The information in this manual is organized as follows:

Chapter 1, Introduction

This chapter introduces the *Oracle Grants Proposal Technical Reference Manual* and explains how to use it.

Chapter 2, High-Level Design

This chapter includes the database diagrams and lists each database table and view that Oracle Grants Proposal uses. This chapter also includes a list of modules.

Chapter 3, Detailed Design

This chapter contains a detailed description of the Oracle Grants Proposal database design, including information about each database table and views that might be needed for custom reporting or other data requirements.

Index



How to Use This Manual

The *Oracle Grants Proposal Technical Reference Manual* is a single, centralized source for information about the underlying structure and processes of Oracle Grants Proposal. For example, this manual provides the information needed to perform the following tasks:

- convert existing application data
- integrate Oracle Grants Proposal with other applications systems
- write custom reports
- define alerts against Oracle Applications tables
- configure Oracle Self-Service Web Applications
- create views for decision support queries
- create business views for Oracle Discoverer

This manual is not designed to be read from cover to cover. The table of contents and index provide quick access to information.

Restrictions

Do not modify Oracle Applications tables, forms, or reports. Oracle Grants Proposal is designed to support customization without programming and can be integrated with existing applications through interface tables. Interface tables are specialized tables used for transferring data between applications or from an external application.

If program modifications are required, Oracle Support Services can provide a reference to Oracle Consulting Services, the professional consulting organization of Oracle. Their team of experienced applications professionals can make the required modifications while ensuring compatibility with future product releases.

Unless modifications are made by Oracle's consulting organization, Oracle Corporation does not allow modifications to Oracle Applications for the following reasons:

- lack of support
- program interdependencies
- lack of upgrade compatibility

Lack of Support

Do not write data directly into or change data in tables not identified as interface tables using SQL*Plus or other programming tools. Doing so risks corrupting the database and making it difficult to receive support services.

Program Interdependencies

This version of the *Oracle Grants Proposal Technical Reference Manual* does not contain complete information about the dependencies among Oracle Grants Proposal application tables. Therefore, data should be written only into tables identified as interface tables. If data is written into non-interface tables, data integrity may be violated since not all data dependencies in Oracle Grants Proposal can be met.

Organizations are responsible for the support and upgrade of the logic within the procedures that are written, which can be affected by changes between releases of Oracle Applications.

Lack of Upgrade Compatibility

Oracle reserves the right to change the structure of Oracle Grants Proposal application tables and to change the meaning of, add, or delete lookup codes and other data in future releases. Oracle does not guarantee the upward compatibility of the Oracle Grants Proposal application data model. For example, if a report is written that identifies concurrent requests that end in Error status by selecting directly from Oracle Application Object Library tables, Oracle does not guarantee that the report will work properly after an upgrade.



Oracle Application Object Library

Oracle Application Object Library is a collection of prebuilt application components and facilities for building extensions to Oracle Applications. It contains shared components, such as forms, subroutines, concurrent programs, and tables used to build Oracle Applications.



Attention: Oracle does not support any customization of Oracle Application Object Library tables or modules, not even by Oracle consultants. Therefore, this manual does not contain detailed information about most Oracle Application Object Library tables used by Oracle Grants Proposal.

Terminology

The following list provides definitions for terms that are used throughout this manual:

Entity

An entity is a single thing of significance to the user about which the application keeps information. An entity can be implemented as one or more database tables. Generally, Oracle implements an entity as a single table. Employee and Supplier are examples of entities.

Relationship

A relationship describes any significant way in which two entities or two tables can be associated. For example, rows in the Proposals table may have a one-to-many relationship with rows in the Proposal Persons table.

Database Diagram

A database diagram is a graphic representation of application tables and the relationships between them.

Summary Database Diagram

Summary Database Diagram

A summary database diagram, if available, shows the most important application tables and the relationships between them. It omits tables and relationships that contribute little to the understanding of the



application data model. Typically, a summary database diagram shows tables that contain key reference and transaction data.

Module

A module is a program or procedure that implements one or more business functions or parts of a business function within an application. Modules include forms, concurrent programs, and subroutines.

Application Building Block

An application building block is a set of tables and modules, including forms, reports, and concurrent programs, that implements closely related entities and their associated processing. An application building block is a logical unit of an application.

QuickCodes

QuickCodes allow the user to define general purpose, static lists of values for window fields. With QuickCodes, the user can base program logic on lookup codes while displaying user-friendly names in a list of values window. QuickCodes simplify name and language changes by allowing name changes that the end-users see, while the codes in underlying programs remain the same.

Form

A form is a module comprised of closely related windows that are used together to perform a task. For example, the Proposals form in Grants Proposal includes the Proposals window, the Find Proposals window, and the Proposals Summary window, among others. The Proposals window is the main window, and from it, buttons can be used to navigate to other windows in the form. The form name usually corresponds to the main window in the form and is frequently a window that can be opened directly from the Navigator.

Additional Documentation

The following sections list documentation relevant to Oracle Grants Proposal.

Oracle Grants Proposal Documentation

Table 1 – 1 lists additional Oracle Grants Proposal documentation.

Oracle Grants Proposal Documentation	
Document	Description
<i>Oracle Grants Proposal User's Guide</i>	describes Oracle Grants Proposal features
	describes how to navigate to each feature
	describes windows, reports, and processes
	describes how to set up Oracle Grants Proposal
	describes window features

Table 1 – 1 Oracle Grants Proposal Documentation

Related Oracle Documentation

Table 1 – 2 lists Oracle documentation that is related to Oracle Public Sector Applications.

Related Oracle Documentation	
Document	Description
<i>Oracle Grants Accounting User's Guide</i>	describes Oracle Grants Accounting features
	describes how to use Oracle Grants Accounting to perform specific tasks
	describes Oracle Grants Accounting windows, reports, and processes
<i>Oracle Grants Accounting Technical Reference Manual</i>	describes the underlying structure of Oracle Grants Accounting
<i>Oracle Projects User's Guide</i>	describes Oracle Projects features and setup
	describes how to use Oracle Projects to perform specific tasks
	describes Oracle Projects windows, reports, and listings
<i>Oracle Projects Applications Technical Reference Manual</i>	describes the underlying structure of Oracle Projects

Table 1 – 2 Related Oracle Documentation (Page 1 of 2)

Related Oracle Documentation	
Document	Description
<i>Oracle Projects Applications Technical Reference Manual Update</i>	describes updates to the underlying structure of Oracle Projects
<i>Oracle Public Sector Receivables User's Guide</i>	describes Oracle Public Sector Receivables features and setup
	describes how to use Oracle Public Sector Receivables to perform specific tasks
	describes Oracle Public Sector Receivables windows, reports, and listings
<i>Oracle Receivables Applications Technical Reference Manual</i>	describes the underlying structure of Oracle Public Sector Receivables
<i>Oracle Receivables Applications Technical Reference Manual Update</i>	describes updates to the underlying structure of Oracle Public Sector Receivables
<i>Oracle Workflow Guide</i>	describes how to define new workflow business processes, as well as customize existing Oracle Applications–embedded workflow processes
	describes the complete setup steps necessary for any Oracle Applications product that includes workflow–enabled processes
<i>Oracle e–Commerce Gateway User's Guide</i>	describes setup, functions and features, windows, reports, and processes
<i>Using Oracle HRMS – The Fundamentals</i>	describes how to setup and use enterprise modeling, organization management, and cost analysis
	describes how to define payrolls
<i>Managing People Using Oracle HRMS</i>	describes how to use employee management, recruitment activities, career management, and budgeting

Table 1 – 2 Related Oracle Documentation (Page 2 of 2)



**Oracle Applications
Documentation**

Table 1 – 3 lists documentation that provides information on Oracle Applications.

Oracle Applications Documentation	
Document	Description
<i>Oracle Application Object Library Reference Manual</i>	describes how to use Oracle Application Object Library to build applications that look and act like Oracle Applications products
	describes all Oracle Application Object Library features, such as QuickPick, Flexfields, and concurrent processing
<i>Oracle Applications Flexfields Guide</i>	describes Flexfields, their planning and setup for implementation teams and users responsible for ongoing data maintenance
	describes how to create custom reports on Flexfields data
Oracle Applications Installation Manuals	describes how to install Oracle Applications in specific hardware and operating system software environments
<i>Oracle Applications Message Reference Manual</i>	describes numbered error messages in Oracle Applications
	describes actions to take if a message is received
<i>Oracle Applications System Administrator's Guide</i>	describes planning and reference information for system administrators as well as providing information on how to define security, customize menus, and manage concurrent processing
<i>Oracle Applications Upgrade Preparation Manual for UNIX</i>	describes how to prepare Oracle Applications products for an upgrade
	describes the upgrade procedure for each product
<i>Multiple Organizations in Oracle Applications</i>	describes the Oracle Applications organization model, which defines business units and the relationships between them in a complex enterprise
	describes functional and technical aspects of multiple organizations
	describes how to set up and implement this feature set in relevant Oracle Applications products
<i>Oracle Designer Online Documentation</i>	describes how to use Oracle Designer for development needs

Table 1 – 3 Oracle Applications Documentation (Page 1 of 2)

Oracle Applications Documentation	
Document	Description
<i>Oracle Applications Developer's Guide</i>	describes the coding standards followed by Oracle Applications development staff
	describes Oracle Application Object Library components needed to implement the Oracle Applications user interface described in <i>Oracle Applications User Interface Standards</i>
	describes information to help build custom Developer forms so they integrate with Oracle Applications
<i>Oracle Applications User Interface Standards</i>	describes the user interface standards followed by the Oracle Applications development staff
	describes the user interface for the Oracle Applications products and how to apply this user interface to the design of an application built using Oracle Forms 6
<i>Oracle Self-Service Web Applications Online Documentation</i>	describes how Oracle Self-Service Web Applications enable companies to provide a self-service and secure Web interface for employees, customers, and suppliers
<i>Oracle Alert User Guide</i>	describes how to define periodic and event alerts to monitor the status of Oracle Applications data
<i>Oracle Self-Service Web Applications Implementation Manual</i>	describes the setup steps for Oracle Self-Service Web Applications and the Web Applications Dictionary
<i>Oracle Applications User's Guide</i>	describes how to navigate through Oracle Applications windows and how to submit Oracle Applications programs, reports, and listings

Table 1 – 3 Oracle Applications Documentation (Page 2 of 2)



Oracle Services

Oracle offers its products, along with related consulting, education, and support services, in most countries around the world.

Education

Oracle offers a complete set of formal training courses to help customers understand and quickly reach full productivity with Oracle Grants Proposal. These courses are organized into functional learning paths, so students take only those courses appropriate to their job.

Oracle provides a choice of education environments. Courses are offered at Oracle Education Centers, or Oracle trainers can come to teach at a customer's facility. Oracle consultants can also tailor standard courses or prepare custom courses to meet specific needs. For example, a customer's organization structure, codes, and data can provide the examples used in customized training.

Oracle Support Services

From onsite support to central support, Oracle's team of experienced professionals continually provides customers with whatever help and information they need to keep Oracle Grants Proposal working. This team includes a technical representative, account manager, and Oracle's large staff of consultants and support specialists with expertise in accounting, Oracle database management, and particular hardware and software environments.

About Oracle

Oracle Corporation develops and markets an integrated line of software products for database management, applications development, decision support, and office automation, as well as Oracle Applications, an integrated suite of software modules for financial management, supply chain management, manufacturing, project systems, human resources, and sales and service management.

Oracle products are available for mainframes, minicomputers, personal computers, network computers, and personal digital assistants, allowing organizations to integrate different computers, different operating systems, different networks, and even different database management systems, into a single, unified computing and information resource.

Oracle is the world's leading supplier of software for information management and the world's second largest software company. Oracle offers its database, tools, and applications products, along with related consulting, education, and support services, in over 145 countries around the world.

Reader Comments

We value your comments as a user of Oracle products. As we write, revise, and evaluate our documentation, your opinions are the most important input we receive. Please use the Reader's Comment Form at the back of this manual to tell us what you like and dislike about this manual. Alternatively, you can contact us at the following address:

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CHAPTER

2

High-Level Design

This chapter presents the high-level design for Oracle Grants Proposal defined during the strategy and analysis phase of development to satisfy specific business needs. It includes the following topics:

- overview
- database diagramming conventions
- database diagrams
- public table list
- public view list
- forms and table view list
- internal view list
- single organization view list
- multilingual view list
- module list

Overview

During high-level design, the application components, which consist of tables, views, and modules needed to build the application, are defined. What each application component should do is specified, without specifying the details of how it should be done.

This chapter provides rapid acquaintance with the tables and views that comprise Oracle Grants Proposal. It provides the basis for understanding the detailed design and implementation of Oracle Grants Proposal presented in Chapter 3, Detailed Design.

The following sections are described:

- database diagrams
- table lists
- view lists
- module list

The following introductory information is also provided:

- methodology
- database diagram conventions

Database Diagrams

The Database Diagrams section graphically represents all Oracle Grants Proposal tables and the relationships among them, organized by building block.

Table Lists

The Table List sections list the Oracle Grants Proposal tables.

Note: Because a product might not include at least one table for each type, this Technical Reference Manual might not include each of the following sections:

- public tables
- internal tables

Public Tables

Use the Public Table List section to quickly identify tables.

Internal Tables

This section includes a list of private, internal tables used by Oracle Grants Proposal; Oracle does not provide additional documentation for these tables.

View Lists

The View List sections list the Oracle Grants Proposal views, with one section for each type of view.



Note: Because a product might not include at least one view for each type, this Technical Reference Manual might not include each of the following sections:

- public views
- web views
- forms and table views
- internal views
- single organization views
- multiple reporting currency views
- multilingual views

Public Views	This section lists views that can be useful for custom reporting or other data requirements. The list includes a description of the view and the page in Chapter 3, Detailed Design, that gives detailed information about the public view.
Web Views	This section lists views that can be used to configure Self-Service Web applications. The list includes a description of the view and the page in Chapter 3, Detailed Design, that gives detailed information about the web view.
Forms and Table Views	This section lists supplementary views that are not essential to the Release 11i data model, but simplify coding or improve performance for Oracle Developer.
Internal Views	This section includes each private, internal view that Oracle Grants Proposal uses.
Single Organization Views	This section lists the Oracle Grants Proposal views that were added to take the place of various tables that are now partitioned by operating unit to support multiple sets of books within a single installation of Oracle Grants Proposal.
Multiple Reporting Currency Views	This list includes views created to support the Multiple Reporting Currencies feature.
MultiLingual Views	This section lists views created to allow certain seed data to be available in multiple national languages simultaneously.
Module List	The Module List section briefly describes each of the Oracle Grants Proposal modules. This section lists forms, reports, and concurrent programs.

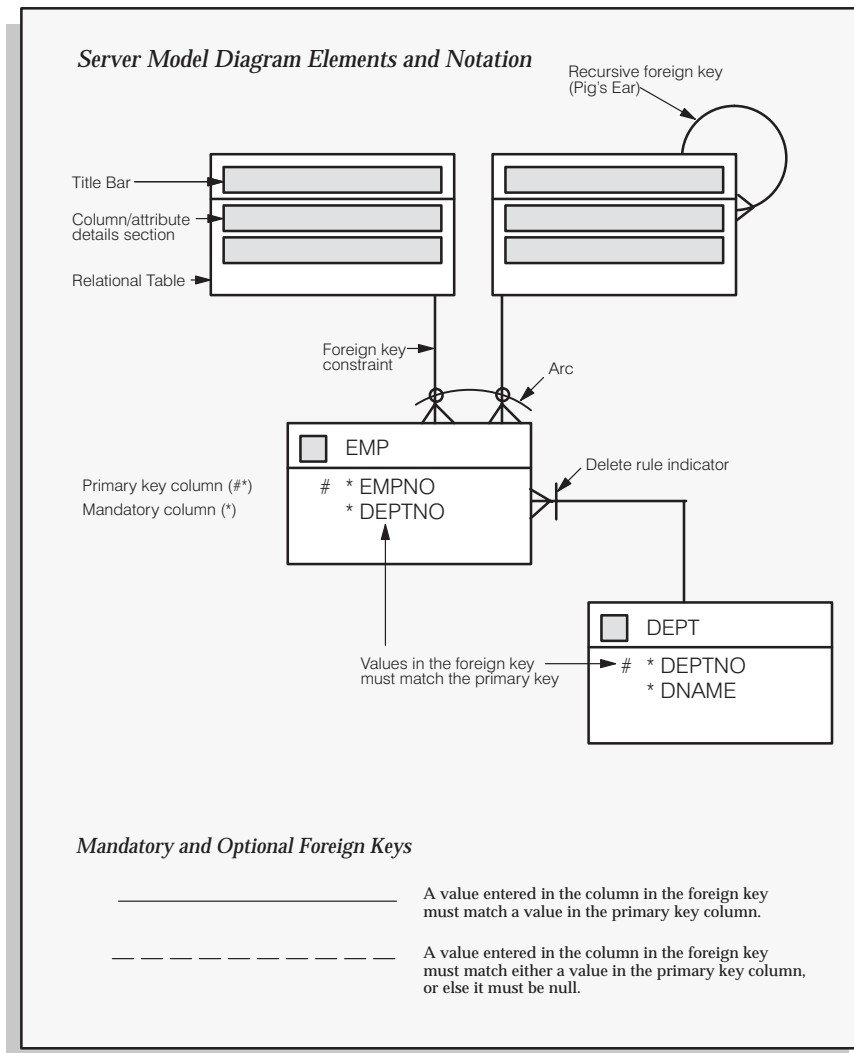


Form	<p>A form is a module comprised of closely related windows that are used together to perform a task. For example, the Proposals form in Oracle Grants Proposal includes the Proposals window, the Find Proposals window, and the Proposals Summary window, among others. The Proposals window is the main window, and buttons can be used to navigate to other windows in the form. The form name usually corresponds to the main window in the form and is frequently a window that can be opened directly from the Navigator.</p>
Reports and Concurrent Programs	<p>The Reports and Concurrent Programs lists include processes that can be submitted from the Submit Requests window or other windows, as well as processes that are submitted automatically by Oracle Grants Proposal. Refer to the user's guide to learn more about reports and concurrent processes.</p>
Methodology	<p>Use the database diagrams to learn what tables each Oracle Grants Proposal building block uses and how those tables interrelate. Then refer to the Table and View Definitions section of Chapter 3, Detailed Design, for detailed information about each of those tables.</p> <p>Use the Table Lists to identify the tables of greatest interest. Then refer to the Table and View Definitions section of Chapter 3, Detailed Design, for detailed information about those tables.</p>

Database Diagramming Conventions

Figure 2 – 1
Database Diagramming
Conventions

The following notational conventions are used in database diagrams:





Tables

Tables are the basic unit of storage in the database. A hand symbol preceding the title in the table's title bar indicates that the table is not owned by this application but shared with another.

Foreign Key Constraint

A foreign key constraint is a type of referential integrity constraint for checking the integrity of data entered in a specific column or set of columns. This specified column or set of columns is known as the foreign key.

Delete Rule Indicator

The delete rule indicator determines the action to be taken when an attempt is made to delete a related row in a join table. A line through the foreign key constraint, as shown on the preceding diagram, indicates that this action is restricted.

Arcs

Arcs specify that, for any given row in a table, a value must be entered in one of the arc columns. The remaining columns within the arc must be null.



Database Diagrams

This section graphically represents most of the significant Oracle Grants Proposal tables and the relationships between them, organized by building block. Use this section to quickly learn what tables each Oracle Grants Proposal building block uses, and how these tables interrelate. Refer to the Table Definitions sections of Chapter 3 for more detailed information about each of those tables.

This section contains a database diagram for each of the following Oracle Grants Proposal building blocks:

- Diagram 1: Proposal
- Diagram 2: Proposal Persons
- Diagram 3: Proposal Budget
- Diagram 4: Organization Level Setup
- Diagram 5: Proposal Security
- Diagram 6: Budget Reports

Some tables, especially important reference tables, appear in more than one database diagram. When several building blocks use a table, we show that table in each appropriate database diagram.

Proposal

Diagram 1 shows the tables and relationships associated with entering core proposal information, such as proposal title, proposal start and end dates, sponsor, associated organizations, paragraphs, special reviews, and keywords. Also included are tables and relationships for the proposal approval process.

Proposal Persons

Diagram 2 shows the tables and relationships associated with entering persons in the proposal, such as person names, person questions, biosketch, and other support.

Proposal Budget

Diagram 3 shows the tables and relationships associated with entering proposal budget information, such as budget versions, budget periods, budget lines, and personnel budgets. Also included are the tables and relationships for the budget-related setups, such as rates, rate types, rate classes, expenditure categories, and expenditure types.



Organization Level Setup

Diagram 4 shows the tables and relationships associated with entering organization level setup, which includes approval routing and notification maps, business rules, and implementation options.

Proposal Security

Diagram 5 shows the tables and relationships associated with entering proposal security information, such as proposal roles, proposal rights, and assigning roles to users.

Budget Reports

Diagram 6 shows the tables and relationships associated with printing the budget pages of the proposal.

Diagram 1: Proposal

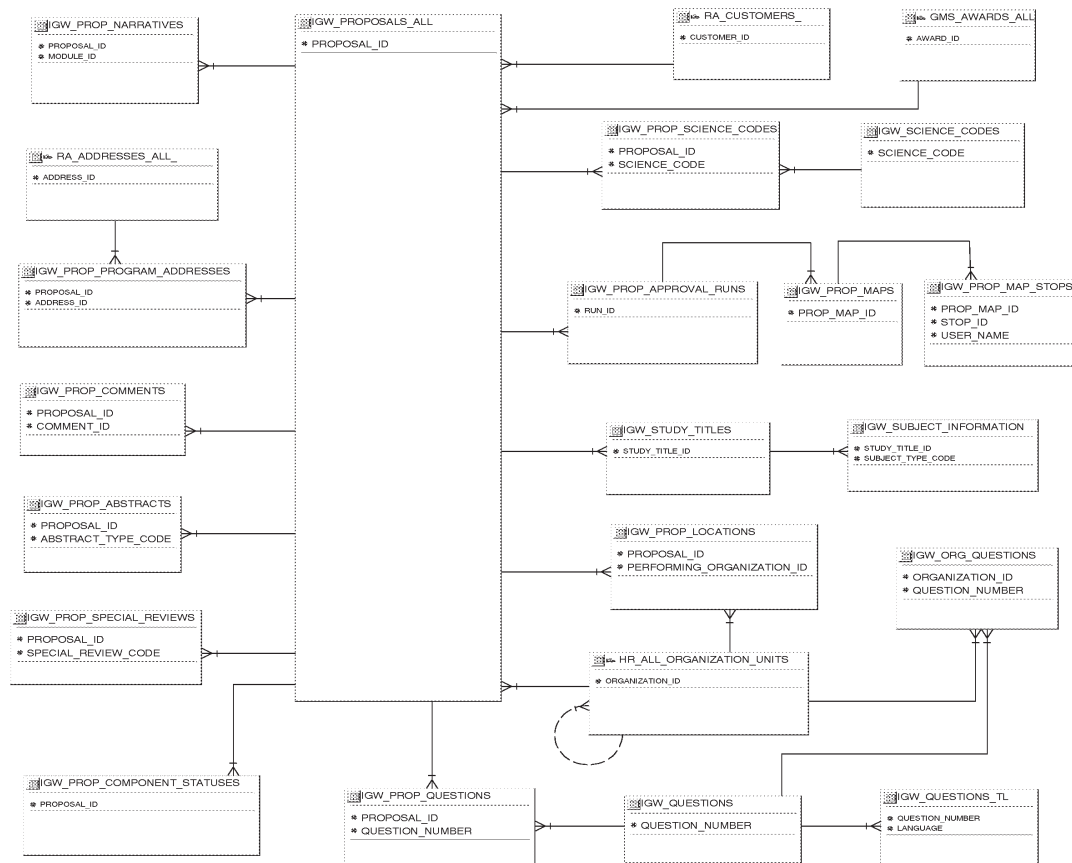


Diagram 2: Proposal Persons

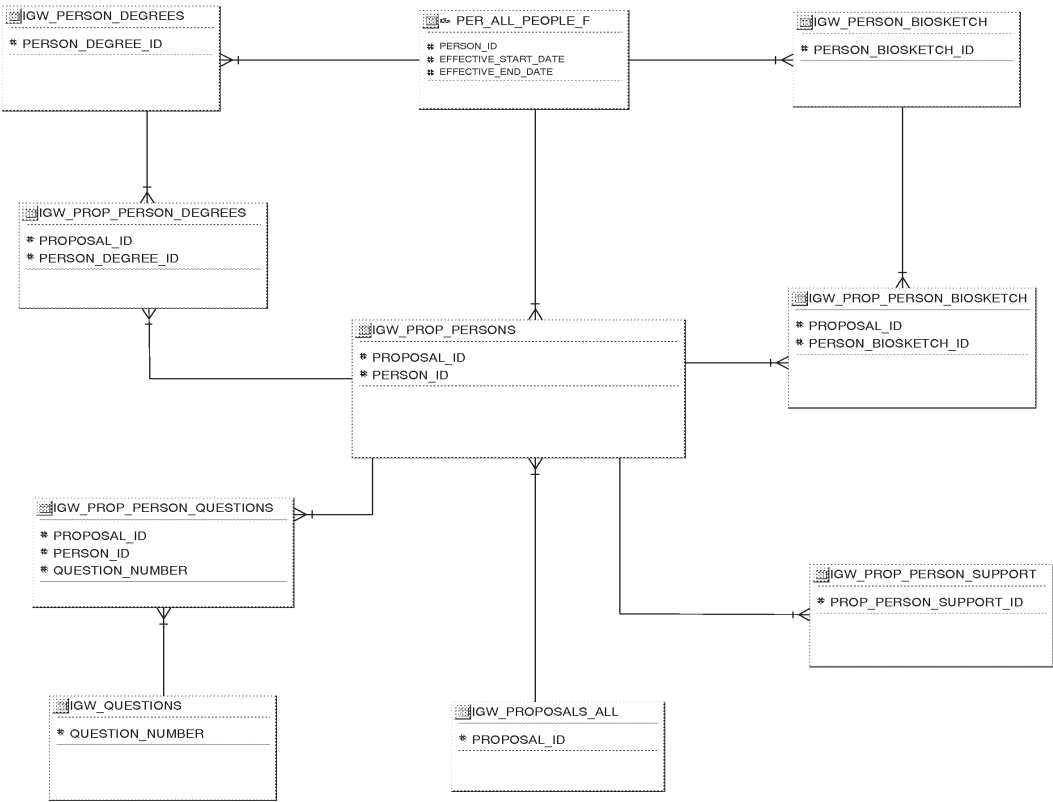






Diagram 5: Proposal Security

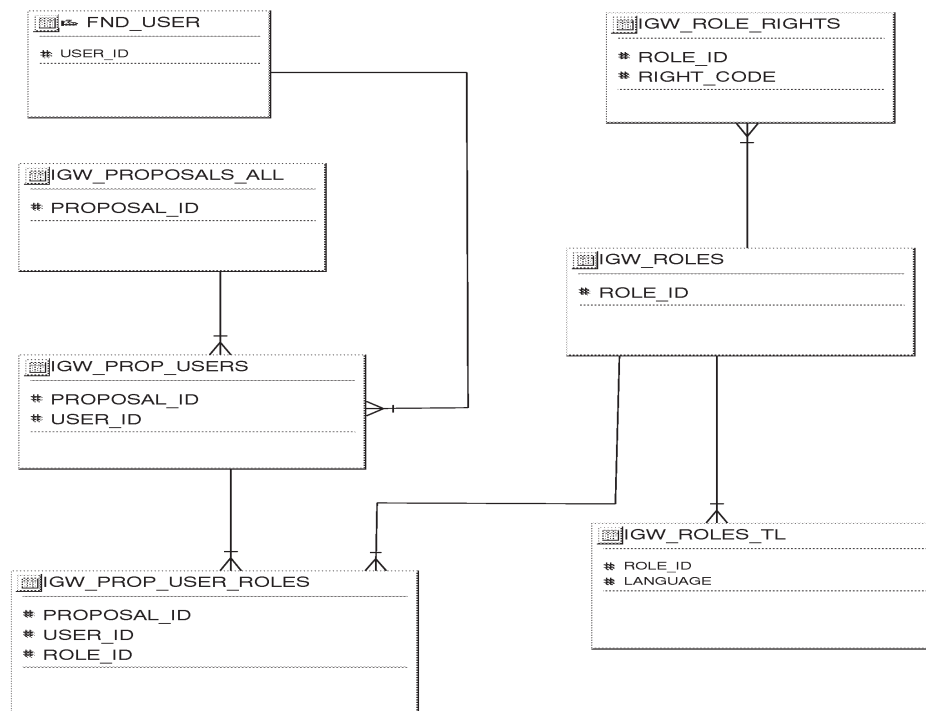
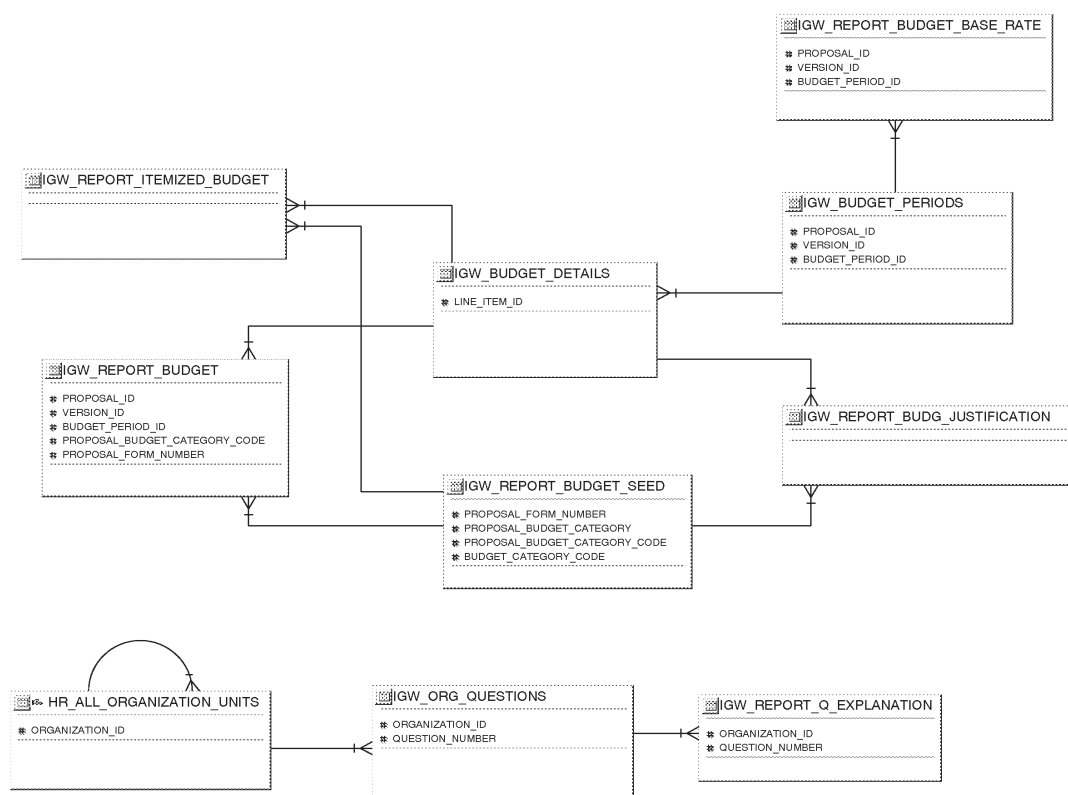


Diagram 6: Budget Reports





Public Table List

This section lists each public database table that Oracle Grants Proposal uses and provides a brief description of each of those tables. The page reference is to the table description in Chapter 3.

Note that public tables are not necessarily intended for write access by custom code; Oracle Corporation supports write access using only standard Oracle Applications forms, reports, and programs, or any SQL write access to tables explicitly documented as API tables. For information, see the How Not To Use This Manual section of this book's Introduction.

For information, see the How Not To Use This Manual section of this book's Introduction.

Oracle Grants Proposal uses public tables for the following products:

- Oracle Applications System Administration
- Oracle Grants Accounting
- Oracle Human Resources
- Oracle Grants Proposal
- Oracle Projects

Oracle Applications System Administration

Oracle Grants Proposal uses the following Oracle Applications System Administration tables. Refer to the *Oracle Applications System Administration Technical Reference Manual* for Oracle Applications System Administration table definitions.

Table Name	Description
FND_LOOKUP_TYPES	Oracle Application Object Library QuickCodes (No table description)
FND_LOOKUP_VALUES	QuickCode values (No table description)
FND_USER	Application users (No table description)

Oracle Grants Accounting

Oracle Grants Proposal uses the following Oracle Grants Accounting tables. Refer to the *Oracle Grants Accounting Technical Reference Manual* for Oracle Grants Accounting table definitions.

Table Name	Description
GMS_AWARDS_ALL	Information about awards (No table description)

Oracle Human Resources

Oracle Grants Proposal uses the following Oracle Human Resources tables. Refer to the *Oracle HRMS Technical Reference Manual* for Oracle Human Resources table definitions.

Table Name	Description
HR_ALL_ORGANIZATION_UNITS	Organization unit definitions. (No table description)
PER_ALL_PEOPLE_F	DateTracked table holding personal information for employees, applicants and other people. (No table description)
PER_ORGANIZATION_STRUCTURES	Organization hierarchy names. (No table description)
PER_ORG_STRUCTURE_ELEMENTS	Organization hierarchy details showing parent-child reporting relationships between organizations. (No table description)
PER_ORG_STRUCTURE_VERSIONS	Version control information for specific organization hierarchies. (No table description)


Oracle Grants Proposal Oracle Grants Proposal uses the following tables. See Chapter 3, Detailed Design, for Oracle Grants Proposal table definitions.

Table Name	Description
IGW_BUDGETS	Information about budget versions (See page 3 – 11)
IGW_BUDGET_DETAILS	Details for a budget period (See page 3 – 14)
IGW_BUDGET_DETAILS_CAL_AMTS	Overhead and employee benefit amounts for a budget line (See page 3 – 17)
IGW_BUDGET_PERIODS	Information on budget periods for a budget version (See page 3 – 18)
IGW_BUDGET_PERSONNEL_CAL_AMTS	Overhead and employee benefit amounts for a budget line involving personnel (See page 3 – 19)
IGW_BUDGET_PERSONNEL_DETAILS	Personnel detail attached to a budget line (See page 3 – 20)
IGW_BUDGET_PERSONS	Budgeting information about personnel (See page 3 – 22)
IGW_BUSINESS_RULES_ALL	Business rule information (See page 3 – 23)
IGW_BUSINESS_RULE_LINES	Business rule expressions (See page 3 – 24)
IGW_EXPENDITURE_CATEGORIES	Expenditure categories used for budgeting purposes (See page 3 – 26)

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IGW_EXPENDITURE_TYPES	Expenditure types used for budgeting purposes (See page 3 – 28)
IGW_EXP_TYPE_RATE_TYPES	Information about expenditure categories associated with a particular rate class and rate type (See page 3 – 29)
IGW_IMPLEMENTATIONS_ALL	System implementation parameters (See page 3 – 30)
IGW_INSTITUTE_RATES	Rate information about a particular activity type, location, fiscal year, rate class, and rate type (See page 3 – 32)
IGW_ORG_DETAILS	Organization details (See page 3 – 35)
IGW_ORG_MAPS_ALL	Maps used for notification or routing the proposal for approval (See page 3 – 37)
IGW_ORG_MAP_DETAILS	Details about personnel who approve or receive notifications (See page 3 – 38)
IGW_ORG_QUESTIONS	Answers to questions pertaining to an organization (See page 3 – 39)
IGW_ORG_TYPES	Information about organization types (See page 3 – 40)
IGW_PERSON_BIOSKETCH	Information about a person's biosketch (See page 3 – 42)
IGW_PERSON_DEGREES	Information about a person's education (See page 3 – 44)
IGW_PROPOSALS_ALL	Core information about proposals (See page 3 – 48)
IGW_PROP_ABSTRACTS	Paragraph and resource information (See page 3 – 54)
IGW_PROP_APPROVAL_RUNS	History of proposal approval process (See page 3 – 56)
IGW_PROP_COMMENTS	Proposal comments (See page 3 – 57)
IGW_PROP_COMPONENT_STATUSES	Status of proposal components (See page 3 – 58)
IGW_PROP_LOCATIONS	Sites where proposal activity is conducted (See page 3 – 59)
IGW_PROP_MAPS	Details about maps used for notification or routing a specific proposal for approval (See page 3 – 60)
IGW_PROP_MAP_STOPS	Details about personnel who approve or receive notifications for a particular proposal (See page 3 – 61)
IGW_PROP_NARRATIVES	Information about proposal narratives (See page 3 – 62)
IGW_PROP_PERSONS	Personnel included in the proposal (See page 3 – 63)



IGW_PROP_PERSON_BIOSKETCH	Information about a person's proposal biosketch (See page 3 – 65)
IGW_PROP_PERSON_DEGREES	Information about a person's degrees (See page 3 – 66)
IGW_PROP_PERSON_QUESTIONS	Answers to questions about an individual (See page 3 – 67)
IGW_PROP_PERSON_SUPPORT	Information about other sources of support available or pending for personnel on a proposal (See page 3 – 68)
IGW_PROP_PROGRAM_ADDRESSES	Mailing information for the proposal (See page 3 – 70)
IGW_PROP_QUESTIONS	Answers to questions about a proposal (See page 3 – 71)
IGW_PROP_RATES	Information about overriding rates for a budget version (See page 3 – 72)
IGW_PROP_SCIENCE_CODES	Keywords used in preparing a proposal (See page 3 – 74)
IGW_PROP_SPECIAL_REVIEWS	Special reviews conducted for a proposal (See page 3 – 75)
IGW_PROP_USERS	Information about users who have proposal access (See page 3 – 77)
IGW_PROP_USER_ROLES	Information about the roles assigned to users for proposal access (See page 3 – 78)
IGW_QUESTIONS	Questions about individuals, proposals, and organizations (See page 3 – 107)
IGW_QUESTIONS_TL	Multiple language support–related information for the main table IGW_QUESTIONS (See page 3 – 108)
IGW_RATE_CLASSES	Information about rate classes (See page 3 – 109)
IGW_RATE_TYPES	Information about rate types associated with a rate class (See page 3 – 110)
IGW_REPORT_BUDGET	Information on direct costs for proposal budget periods (See page 3 – 111)
IGW_REPORT_BUDGET_BASE_RATE	Information on base amounts or direct costs for proposal budget periods (See page 3 – 112)
IGW_REPORT_BUDGET_SEED	Information on sponsor budget hierarchy seed data (See page 3 – 113)
IGW_REPORT_BUDG_JUSTIFICATION	Information on budget justification grouped for a sponsor budget category (See page 3 – 114)



IGW_REPORT_ITEMIZED_BUDGET	Information on combined expenditure category or expenditure type descriptions for a sponsor budget category (See page 3 – 115)
IGW_REPORT_Q_EXPLANATION	Explanations to questions (See page 3 – 116)
IGW_ROLES	Information about user roles (See page 3 – 117)
IGW_ROLES_TL	Multiple language support-related information for the main table IGW_ROLES (See page 3 – 118)
IGW_ROLE_RIGHTS	Information about rights associated with a role (See page 3 – 119)
IGW_SCIENCE_CODES	Keywords used in preparing proposals (See page 3 – 120)
IGW_STUDY_TITLES	Information on proposal titles (See page 3 – 125)
IGW_SUBJECT_INFORMATION	Information on proposal subjects (See page 3 – 126)

Oracle Projects

Oracle Grants Proposal uses the following Oracle Projects tables. Refer to the *Oracle Projects Technical Reference Manual* for Oracle Projects table definitions.

Table Name	Description
PA_EXPENDITURE_CATEGORIES	Implementation-defined groupings of expenditure types by type of cost (No table description)
PA_EXPENDITURE_TYPES	Implementation-defined classifications of expenditures charged to projects and tasks (No table description)
PA_PROJECTS_ALL	Information about projects (No table description)
PA_TASKS	User-defined subdivisions of project work (No table description)

Public View List

This section lists each public database view that Oracle Grants Proposal uses and provides a brief description of each of those views. These views may be useful for your custom reporting or other data requirements. The page reference is to the detailed view description in Chapter 3.

Oracle Grants Proposal uses the following public views:

View Name	Description
IGW_ADMIN_OFFICIAL_V	View displays details of the proposal's Administrative Official (See page 3 – 6)
IGW_APPLICANT_DEPT_V	View displays the name of the applicant unit (See page 3 – 8)
IGW_APPLICANT_ORG_V	View displays details of the organization submitting the proposal (See page 3 – 9)
IGW_BUDGET_COSTS_V	View displays direct cost and total cost of the budget (See page 3 – 13)
IGW_ORGANIZATION_TYPES_V	View displays details of applicant organization (See page 3 – 34)
IGW_PI_V	View displays details of Proposal Manager (See page 3 – 46)
IGW_PROPOSAL_PERSONS_V	View displays details of personnel involved in the proposal (See page 3 – 52)
IGW_PRPO_ABSTRACTS_V	View displays proposal paragraphs, such as abstract, progress, and report (See page 3 – 79)
IGW_PRPO_BIOSKETCH_DEGREES_V	View displays a person's educational qualifications (See page 3 – 80)
IGW_PRPO_BIOSKETCH_V	View displays a person's biosketch information (See page 3 – 82)
IGW_PRPO_CATEGORY_AMTS_V	View displays summary information about budget lines grouped by sponsor budget hierarchy (See page 3 – 83)
IGW_PRPO_HEADERS_V	View displays core proposal information (See page 3 – 85)
IGW_PRPO_ORG_TYPES_V	View displays the type of organization (See page 3 – 92)



IGW_PRPO_OTHER_SUPPORT_V	View displays details of other sources of support that are pending or available for personnel on the proposal (See page 3 – 93)
IGW_PRPO_PERF_SITES_V	View displays performing sites where the proposal activity is conducted (See page 3 – 95)
IGW_PRPO_PERSON_DETAILS_V	View displays details about personnel included in budget lines (See page 3 – 96)
IGW_PRPO_PROP_PERSONS_V	View displays a person’s biographical information (See page 3 – 99)
IGW_PRPO_ROLES_DETAILS_V	View displays summary information about personnel included in budget lines (See page 3 – 101)
IGW_PRPO_SPECIAL_REVIEWS_V	View displays details of special reviews conducted for the proposal (See page 3 – 103)
IGW_PRPO_SUBJECT_INFO_V	View displays details of human subjects involved in the proposal (See page 3 – 104)
IGW_PRPO_YN_RESPONSES_V	View displays answers to questions about individuals, the proposal, and the organization (See page 3 – 105)
IGW_SIGNING_OFFICIAL_V	View displays details of the proposal’s Signing Official (See page 3 – 121)
IGW_SPECIAL_REVIEWS_V	Views displays details about special reviews conducted for the proposal (See page 3 – 123)

Forms and Table View List


This section lists supplementary views that are not essential to the Release 11i data model, but simplify coding or improve performance of Developer. For example, many of these views are used as base tables in Oracle Grants Proposal forms.



Warning: We do not recommend you query or alter data using these views. Furthermore, these views may change dramatically in subsequent minor or major releases of Oracle Grants Proposal.

Oracle Grants Proposal uses the following Forms and Table views:

- IGW_APR_ORGANIZATIONS_V
- IGW_BUDGETS_V
- IGW_BUDGET_CATEGORY_V
- IGW_BUDGET_COMPLETE_V
- IGW_BUDGET_LINE_CATEGORY_V
- IGW_BUSINESS_RULES_V
- IGW_EXPENDITURE_CATEGORIES_V
- IGW_EXPENDITURE_TYPES_V
- IGW_INSTITUTE_RATES_V
- IGW_OH_EXPENDITURE_CAT_TYPES_V
- IGW_ORG_MAPS_V
- IGW_ORG_MAP_DETAILS_V
- IGW_ORG_QUESTIONS_V
- IGW_PERSONS_V
- IGW_PROPOSALS_V
- IGW_PROP_COMMENTS_V
- IGW_PROP_LOCATIONS_V
- IGW_PROP_PERSONS_V
- IGW_PROP_PERSON_BIOSKETCH_V
- IGW_PROP_PERSON_DEGREES_V
- IGW_PROP_PERSON_QUESTIONS_V
- IGW_PROP_PROGRAM_ADDRESSES_V

- 
- IGW_PROP_QUESTIONS_V
 - IGW_PROP_SCIENCE_CODES_V
 - IGW_PROP_SPECIAL_REVIEWS_V
 - IGW_PROP_V
 - IGW_PRP_ORGANIZATIONS_V

Internal View List

This section lists each private, internal view that Oracle Grants Proposal uses.



Warning: Oracle Corporation does not support access to Oracle Applications data using these views, except from standard Oracle Applications forms, reports, and programs.

Oracle Grants Proposal uses the following internal views:

- IGW_AWARDS_V
- IGW_BIOSKETCH_TYPES_V
- IGW_BUDGET_DETAILS_AMTS_V
- IGW_BUDGET_DETAILS_V
- IGW_BUDGET_EXPENDITURES_V
- IGW_BUDGET_MATRIX_V
- IGW_BUDGET_PERIODS_V
- IGW_BUDGET_PERSONNEL_AMTS_V
- IGW_BUDGET_PERSONNEL_V
- IGW_BUDGET_PERSONS_V
- IGW_DETAIL_AMTS_SUM_V
- IGW_EXPENDITURE_TYPE_SUM_V
- IGW_IDC_SCHEDULE_V
- IGW_LABOR_FORMAT_V
- IGW_LOOKUPS_V
- IGW_NON_LABOR_FORMAT_V
- IGW_OH_TEMP_V
- IGW_PRINTABLE_PROPOSALS_V
- IGW_PROP_RATES_V
- IGW_REPORT_BUDGET_PERSONNEL_V
- IGW_REPORT_BUDGET_SEED_V
- IGW_REPORT_BUDGET_V
- IGW_REPORT_SEED_HEADER_V
- IGW_TRANSFERABLE_BUDGETS_V

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Single Organization View List

Multi-Organization Support is a feature that allows users to implement multiple sets of books within a single installation of Oracle Public Sector Payables, Oracle Public Sector Receivables, Oracle Public Sector Purchasing, and Oracle Order Entry/Shipping. Instead of using multiple installations to provide data security, data is secured by operating unit.

In Release 10.7, a column was added, `ORG_ID`, to each base table that requires partitioning by operating unit, including all transaction tables and many reference tables, then these tables were renamed to end with the suffix `_ALL`. Then, to take the place of the renamed table, a view was created (named like the Release 10.6 or earlier table) containing a `WHERE` clause that automatically restricts data to a single operating unit. The `WHERE` clause relies upon the value of an Oracle global variable to indicate the current organization.

If users want to retrieve all information, regardless of operating unit, query the `_ALL` table. For example, if users are running a cross-organization report, users probably want to query the `_ALL` table.

However, if users want to report against only a single organization or operating unit, query the corresponding cross-organizational view, using the familiar 10.6-style table name. The view definition will automatically retrieve only data for your current operating unit.



Additional Information: *Multiple Organizations in Oracle Applications*

Oracle Grants Proposal uses the following Single Organization views:

- `IGW_BUSINESS_RULES`
- `IGW_IMPLEMENTATIONS`
- `IGW_PROPOSALS`

Multilingual View List

This section lists each MultiLingual database view that Oracle Grants Proposal uses. MultiLingual views were created to allow certain seed data to be available in multiple national languages simultaneously.

Oracle Grants Proposal uses the following Multilingual views:

- IGW_QUESTIONS_VL
- IGW_ROLES_VL



Module List

This section lists each form, report, and concurrent program comprising Oracle Grants Proposal.

Forms

IGWBUEBU	Enter Proposal Budgets
IGWPRARU	Assign Roles to Users
IGWPRBIO	View Biographical Sketch
IGWPRCPR	Create Proposals
IGWPRCST	Show Budget/Narrative Status
IGWPRHSI	Human Subject Information
IGWPRNAR	Enter Proposal Narratives
IGWPRNPD	Proposal Comments
IGWPRPEA	Answer Proposal Personnel Questions
IGWPRPRA	Answer Proposal Questions
IGWPRROU	View Proposal Routing
IGWPRSUP	Create Other Support Information
IGWSTAET	Assign Expenditure Categories
IGWSTBCH	Setup Budget Hierarchy
IGWSTBIO	Create Biographical Sketch
IGWSTCBR	Create Business Rules
IGWSTEXT	Enter Expenditure Categories and Types
IGWSTIMP	Implementation Options
IGWSTMAP	Create Approval Maps
IGWSTORA	Answer Organization Questions
IGWSTORD	Setup Organization Details
IGWSTQUE	Setup Questions
IGWSTRAT	Setup Rates
IGWSTROL	Create Proposal Roles

Reports

IGWRPN1A	IGW: PHS 398 Page AA
IGWRPN1B	IGW: PHS 398 Page BB
IGWRPN1D	IGW: PHS 398 Page DD
IGWRPN1E	IGW: PHS 398 Page EE
IGWRPN1F	IGW: PHS 398 Page FF
IGWRPN1G	IGW: PHS 398 Page GG
IGWRPN1H	IGW: PHS 398 Page HH
IGWRPN1I	IGW: PHS 398 Page II
IGWRPN1J	IGW: PHS 398 Page JJ
IGWRPN1K	IGW: PHS 398 Page KK
IGWRPN2E	IGW: PHS 398 (Modular) Page EE
IGWRPN2F	IGW: PHS 398 (Modular) Page FF
IGWRPN3A	IGW: PHS 2590 Page A
IGWRPN3B	IGW: PHS 2590 Page B
IGWRPN3C	IGW: PHS 2590 Page C
IGWRPN3D	IGW: PHS 2590 Page D
IGWRPN3E	IGW: PHS 2590 Page E
IGWRPN3F	IGW: PHS 2590 Page F
IGWRPN3G	IGW: PHS 2590 Page G

Concurrent Programs

IGWBUIMP	Export Proposal Budget to Oracle Grants Accounting
IGWPIMP	Export Proposal to Oracle Grants Accounting
IGWPRPO	EDI Generic Outbound



CHAPTER

3

Detailed Design

This chapter presents a detailed design for implementing Oracle Grants Proposal. It contains detailed table and view definitions and includes the following topics:

- overview
- table and view definitions

Overview

During the detailed design phase of development, how each application component should work is specified in detail. Detailed definitions of tables, public views, and web views are also prepared.

This chapter provides the detailed understanding of the underlying structure and processes of Oracle Grants Proposal needed to perform the following tasks:

- convert existing application data
- integrate Oracle Grants Proposal with other applications systems
- write custom reports
- define alerts against Oracle Applications tables
- create views for decision support queries
- configure Oracle Self-Service Web Applications

Table and View Definitions

This section contains a detailed description of tables, public views, and web views used by Oracle Grants Proposal. For detailed descriptions of other Oracle Applications tables used by Oracle Grants Proposal, see the technical reference manual for the product. Tables are listed in alphabetical order. Information is provided about the following:

- foreign keys
- QuickCodes columns
- column descriptions
- indexes
- sequences
- database triggers
- view derivation



Attention: Because Oracle does not support customization of Oracle Application Object Library tables, detailed information about them is not provided.



Foreign Keys	<p>To help understand the relationships between tables, each foreign key contained in a table is listed. For each foreign key in a table, the primary key table name, its corresponding primary key columns, and the foreign key columns that refer to those primary key columns are also listed.</p> <p>When the primary key table has a composite primary key, each column of the composite key is listed sequentially.</p> <p>If a table contains two or more distinct foreign keys that refer to the same primary key table, the primary key table name is repeated and each of the distinct foreign keys is listed separately.</p>						
QuickCodes Columns	<p>When a database column contains a QuickCodes value, the QuickCodes type, that is, lookup type, to which the QuickCodes value must belong and a complete list of QuickCodes values and meanings are listed.</p> <p>QuickCodes are implemented using a foreign key to FND_LOOKUPS, MFG_LOOKUPS, or to another lookup table.</p> <p>Some QuickCodes can be user-defined.</p>						
Column Descriptions	<p>The important characteristics of each column in a table or view is listed. These characteristics include whether the column is part of the table's primary key, whether Oracle requires a value for this column, and the data type of the column. A brief description of how Oracle Grants Proposal uses the column is also supplied.</p> <p>When a column is part of a table's primary key, the notation PK is appended to the name of that column.</p> <p>To help understand which columns Oracle Grants Proposal uses and which columns it does not use, any unused column is indicated. When no module uses a database column, one of the following legends is shown in the Description column:</p> <table><tr><td>Not currently used</td><td>Oracle Grants Proposal does not use this column, although the column might be used in a future release.</td></tr><tr><td>No longer used</td><td>Oracle Grants Proposal no longer uses this column. AutoInstall installs this column. Subsequent versions of Oracle Grants Proposal might not include this column.</td></tr><tr><td>No longer installed</td><td>Oracle Grants Proposal no longer uses this column. Software upgraded from an earlier version may still have this column, depending upon whether it</td></tr></table>	Not currently used	Oracle Grants Proposal does not use this column, although the column might be used in a future release.	No longer used	Oracle Grants Proposal no longer uses this column. AutoInstall installs this column. Subsequent versions of Oracle Grants Proposal might not include this column.	No longer installed	Oracle Grants Proposal no longer uses this column. Software upgraded from an earlier version may still have this column, depending upon whether it
Not currently used	Oracle Grants Proposal does not use this column, although the column might be used in a future release.						
No longer used	Oracle Grants Proposal no longer uses this column. AutoInstall installs this column. Subsequent versions of Oracle Grants Proposal might not include this column.						
No longer installed	Oracle Grants Proposal no longer uses this column. Software upgraded from an earlier version may still have this column, depending upon whether it						



was deleted during an upgrade process. Newly installed software does not have this column.

Standard Who Columns	Most Oracle Grants Proposal tables contain columns to indicate who last updated the row. If a custom program or SQL*Plus command updates or inserts a row in an interface table, each of the following standard Who columns must be populated:
LAST_UPDATE_DATE	Date when a user last updated this row
LAST_UPDATED_BY	User who last updated this row; foreign key to FND_USER.USER_ID
CREATION_DATE	Date when this row was created
CREATED_BY	User who created this row; foreign key to FND_USER.USER_ID
LAST_UPDATE_LOGIN	Operating system login of user who last updated this row; foreign key to FND_LOGINS.LOGIN_ID. This should be set to NULL, or to 0 if NULL is not allowed.

Since every table containing Who columns has several foreign keys to the tables FND_USER and FND_LOGINS, the foreign key columns LAST_UPDATED_BY, CREATED_BY, or LAST_UPDATE_LOGIN are not included in a table's list of foreign keys.

Additional Who Columns for Concurrent Programs	Some Oracle Grants Proposal tables also contain several additional Who columns to distinguish between changes a user makes with a form and changes a concurrent program makes. When a concurrent program updates or inserts a row in a table, the concurrent program populates the following additional Who columns:
REQUEST_ID	Concurrent request ID of program that last updated this row; foreign key to FND_CONCURRENT_REQUESTS.REQUEST_ID
PROGRAM_APPLICATION_ID	Application ID of program that last updated this row; foreign key to FND_APPLICATION.APPLICATION_ID
PROGRAM_ID	Program ID of program that last updated this row; foreign key to FND_CONCURRENT_PROGRAM.CONCURRENT_PROGRAM_ID



PROGRAM_UPDATE_ Date when a program last updated this
DATE row

Since every table containing these additional Who columns has several foreign keys to the tables FND_CONCURRENT_REQUESTS, FND_APPLICATION, and FND_CONCURRENT_PROGRAM, the foreign key columns REQUEST_ID, PROGRAM_APPLICATION_ID, or PROGRAM_ID are not included in a table's list of foreign keys.

Indexes

If an Oracle Grants Proposal table uses an Oracle index, the database columns that comprise that index are listed in sequential order.

Note: The indexes documented in this manual correspond to unique keys specified during product development and testing. In some cases, additional indexes can be added during the porting process to fine-tune performance on specific platforms. Therefore, there can be minor differences between the indexes documented in this book and the indexes for platform-specific versions of Oracle Grants Proposal.

Sequences

Oracle Grants Proposal uses Oracle sequence generators to generate unique integers. If any table column gets its value from an Oracle sequence generator, the name of the corresponding sequence generator and the name of the column that stores the unique integer are listed.

Database Triggers

If a table has one or more active database triggers, a brief explanation of each database trigger and when it fires is provided.

View Derivation

For each public view or web view, the SQL statement that defines or creates a view is supplied. Study this view definition to understand exactly how a view derives its contents.

IGW_ADMIN_OFFICIAL_V

IGW_ADMIN_OFFICIAL_V displays the details of the Administrative Official responsible for the proposal. Details include name, address, and organization of the Administrative Official.

View Definition

```
CREATE VIEW IGW_ADMIN_OFFICIAL_V
as SELECT
    PA.PROPOSAL_ID,
    pa.proposal_number,
    PA.LEAD_ORGANIZATION_ID,
    AP.PERSON_ID,
    AP.FULL_NAME,
    AP.LAST_NAME,
    AP.FIRST_NAME,
    AP.MIDDLE_NAMES,
    AP.TITLE,
    AP.PRE_NAME_ADJUNCT,
    AP.SUFFIX,
    AP.LAST_NAME || decode(AP.FIRST_NAME, NULL, NULL, ' ', '
| |AP.FIRST_NAME) || DECODE(AP.MIDDLE_NAMES, NULL, NULL, ' ', '
| |AP.MIDDLE_NAMES),
    AP.FIRST_NAME || DECODE(AP.MIDDLE_NAMES, NULL, NULL, ' '
| |MIDDLE_NAMES) || ' ' || AP.LAST_NAME || DECODE(SUFFIX, NULL, NULL, ' '
| |SUFFIX) FIRST_MIDDLE_LAST_NAME,
    igw_report_processing.GET_JOB_NAME(AP.PERSON_ID)
LAST_FIRST_MIDDLE_NAME,
    AD.ADDRESS_LINE1,
    AD.ADDRESS_LINE2,
    AD.ADDRESS_LINE3,
    AD.POSTAL_CODE,
    AD.REGION_1,
    AD.REGION_2,
    AD.REGION_3,
    AD.TOWN_OR_CITY,
    AD.COUNTRY,
    igw_report_processing.get_phone_number(AP.PERSON_ID, 'WF'),
    igw_report_processing.get_phone_number(AP.PERSON_ID, 'W1'),
    AP.EMAIL_ADDRESS
FROM PER_ADDRESSES      AD,
    PER_PEOPLE_X        AP,
    IGW_PROPOSALS_ALL PA
Where
    PA.ADMIN_OFFICIAL_ID = AP.PERSON_ID AND
    PA.ADMIN_OFFICIAL_ID = AD.PERSON_ID(+) AND
    AD.PRIMARY_FLAG(+) = 'Y' AND
    AD.DATE_TO IS NULL
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NULL	VARCHAR2(240)	Proposal identifier
PROPOSAL_NUMBER	NULL	VARCHAR2(240)	Proposal number

Column Descriptions (Continued)

Name	Null?	Type	Description
LEAD_UNIT_ORG_ID	NULL	VARCHAR2(240)	Applicant unit identifier. It is a Foreign Key to HR_ALL_ORGANIZATION_UNITS.
PERSON_ID	NULL	VARCHAR2(240)	Person identifier
FULL_NAME	NULL	VARCHAR2(240)	Full name
LAST_NAME	NULL	VARCHAR2(240)	Last name
FIRST_NAME	NULL	VARCHAR2(240)	First name
MIDDLE_NAME	NULL	VARCHAR2(240)	Middle name
TITLE	NULL	VARCHAR2(240)	Title such as Mr., Ms., or Dr.
PREFIX	NULL	VARCHAR2(240)	Prefix
SUFFIX	NULL	VARCHAR2(240)	Suffix after the surname, such as Sr., Jr., or III
LAST_FIRST_MIDDLE_NAME	NULL	VARCHAR2(240)	Last name, first name, and middle name of Administrative Official. Names are separated by commas.
FIRST_MIDDLE_LAST_NAME	NULL	VARCHAR2(240)	First name, middle name, and last name. Names are separated by commas.
JOB_NAME	NULL	VARCHAR2(240)	Job name
ADDRESS_LINE1	NULL	VARCHAR2(240)	First address line
ADDRESS_LINE2	NULL	VARCHAR2(240)	Second address line
ADDRESS_LINE3	NULL	VARCHAR2(240)	Third address line
POSTAL_CODE	NULL	VARCHAR2(240)	Postal code
REGION_1	NULL	VARCHAR2(240)	Primary region in which address is located
REGION_2	NULL	VARCHAR2(240)	Subregion of region 1 in which the address is located
REGION_3	NULL	VARCHAR2(240)	Subregion of region 2 in which address is located
TOWN_OR_CITY	NULL	VARCHAR2(240)	Town or city
COUNTRY	NULL	VARCHAR2(240)	Country
WORK_PHONE	NULL	VARCHAR2(240)	Work phone
WORK_FAX	NULL	VARCHAR2(240)	Work fax
EMAIL_ADDRESS	NULL	VARCHAR2(240)	E-mail address



View Definition

```
CREATE VIEW IGW_APPLICANT_DEPT_V
as SELECT
    p.proposal_id,
    p.lead_organization_id,
    o.name,
    od.nih_subdivision_code,
    l.meaning major_subdivision
from
    igw_proposals_all          p,
    hr_all_organization_units o,
    igw_org_details            od,
    fnd_lookups                 l
Where o.organization_id = p.lead_organization_id and
od.organization_id = p.lead_organization_id and
l.lookup_type(+) = 'IGW_NIH_MAJOR_SUBDIVISION' and
l.lookup_code(+) = od.nih_subdivision_code
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NULL	VARCHAR2(240)	Refer to base table.
ORGANIZATION_ID	NULL	VARCHAR2(240)	Refer to base table.
ORGANIZATION_NAME	NULL	VARCHAR2(240)	Refer to base table.
MAJOR_SUBDIVISION_CODE	NULL	VARCHAR2(240)	Refer to base table.
MAJOR_SUBDIVISION_NAME	NULL	VARCHAR2(240)	Refer to base table.

IGW_APPLICANT_ORG_V

IGW_APPLICANT_ORG_V displays details of the organization that is submitting the proposal. Organization details include Signing Official government identifier, Administrative Official government identifier, assurance compliance numbers, and DUNS number.

View Definition

```
CREATE VIEW IGW_APPLICANT_ORG_V
as SELECT
    PA.proposal_id,
    PA.proposal_number,
    PD.organization_id,
    igw_extension_pkg.person_govt_id(PD2.admin_official_id),
    igw_extension_pkg.person_govt_id(PD.signing_official_id),
    PD.AGREEMENT_DATE,
    PD.NEGOTIATING_AGREEMENT_WITH,
    PD.RATE_ESTABLISHED_WITH,
    PD.RATE_ESTABLISHED_DATE,
    PD.org_ipf_code,
    PD.congress_district,
    PD.ein,
    PD.tin,
    PD.duns_number,
    PD.duns4_number,
    PD.dodaac_number,
    PD.cage_number,
    PD.human_exemption_number,
    PD.human_assurance_number,
    PD.animal_assurance_number,
    PD.nsf_institutional_code,
    OU.name,
    LO.address_line_1,
    LO.address_line_2,
    LO.address_line_3,
    LO.postal_code,
    LO.region_1,
    LO.region_2,
    LO.region_3,
    LO.telephone_number_1 PHONE_NUMBER,
    LO.telephone_number_2 FAX_NUMBER,
    LO.town_or_city,
    LO.country
from hr_all_organization_units OU,
    hr_locations LO,
    igw_org_details PD,
    igw_org_details PD2,
    igw_proposals_all PA
Where PA.SUBMITTING_organization_id = PD.organization_id(+) and
PA.lead_organization_id = PD2.organization_id(+) and
PA.SUBMITTING_organization_id = OU.organization_id(+) and
OU.location_id = LO.location_id(+)
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NULL	VARCHAR2(240)	Proposal identifier
PROPOSAL_NUMBER	NULL	VARCHAR2(240)	Proposal number
ORGANIZATION_ID	NULL	VARCHAR2(240)	Organization identifier
ADMIN_OFFICIAL_GOV_T_ID	NULL	VARCHAR2(240)	Administrative Official person identifier. It is Foreign Key to the PER_ALL_PEOPLE_F table.
SIGNING_OFFICIAL_GOV_T_ID	NULL	VARCHAR2(240)	Signing Official person identifier. It is Foreign Key to the PER_ALL_PEOPLE_F table.
AGREEMENT_DATE	NULL	VARCHAR2(240)	Date of agreement with sponsor regarding indirect costs
NEGOTIATING_AGREEMENT_WITH	NULL	VARCHAR2(240)	Name of agency with whom agreement is negotiated
RATE_ESTABLISHED_WITH	NULL	VARCHAR2(240)	Agency within the sponsor's organization with whom rate agreement is established
RATE_ESTABLISHED_DATE	NULL	VARCHAR2(240)	Date of rate establishment
ORG_IPF_CODE	NULL	VARCHAR2(240)	Organization's Institutional Profile Code
CONGRESS_DISTRICT	NULL	VARCHAR2(240)	Congressional district
EIN	NULL	VARCHAR2(240)	Employer Identification Number
TIN	NULL	VARCHAR2(240)	Taxpayer Identification Number
DUNS_NUMBER	NULL	VARCHAR2(240)	Data Universal Numbering System number
DUNS4_NUMBER	NULL	VARCHAR2(240)	Data Universal Numbering System +4 number
DODAAC_NUMBER	NULL	VARCHAR2(240)	Department of Defense Activity Address Code number
CAGE_NUMBER	NULL	VARCHAR2(240)	Commercial and Government Entity Number
HUMAN_EXEMPTION_NUMBER	NULL	VARCHAR2(240)	Human subjects exemption number
HUMAN_ASSURANCE_NUMBER	NULL	VARCHAR2(240)	Human subjects assurance number
ANIMAL_ASSURANCE_NUMBER	NULL	VARCHAR2(240)	Animal subjects assurance number
NSF_INSTITUTIONAL_CODE	NULL	VARCHAR2(240)	National Science Foundation institutional code
ORGANIZATION_NAME	NULL	VARCHAR2(240)	Organization's name
ADDRESS_LINE_1	NULL	VARCHAR2(240)	First address line
ADDRESS_LINE_2	NULL	VARCHAR2(240)	Second address line
ADDRESS_LINE_3	NULL	VARCHAR2(240)	Third address line
POSTAL_CODE	NULL	VARCHAR2(240)	Postal code
REGION_1	NULL	VARCHAR2(240)	Primary region in which address is located
REGION_2	NULL	VARCHAR2(240)	Subregion of Region 1 in which the address is located
REGION_3	NULL	VARCHAR2(240)	Subregion of Region 2 in which the address is located
PHONE_NUMBER	NULL	VARCHAR2(240)	Phone number
FAX_NUMBER	NULL	VARCHAR2(240)	Fax number
TOWN_OR_CITY	NULL	VARCHAR2(240)	Town or city
COUNTRY	NULL	VARCHAR2(240)	Country

IGW_BUDGETS

IGW_BUDGETS stores the versions of proposal budgets. There can be multiple budget versions for a single proposal, but only one final budget version with FINAL_VERSION_FLAG selected.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_PROPOSALS_ALL	PROPOSAL_ID	PROPOSAL_ID
IGW_RATE_CLASSES	RATE_CLASS_ID	OH_RATE_CLASS_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BUDGET_TYPE_CODE	IGW_BUDGET_TYPES	IGW_LOOKUPS
	AWARD_BUDGET	Award Budget
	PROPOSAL_BUDGET	Proposal Budget

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NOT NULL	NUMBER(15)	Proposal identifier
VERSION_ID	NOT NULL	NUMBER(4)	Budget version identifier
START_DATE	NOT NULL	DATE	Effective start date of a budget version
END_DATE	NOT NULL	DATE	Effective end date of a budget version
TOTAL_COST	NULL	NUMBER(15,2)	The sum of total direct costs and total indirect costs
TOTAL_DIRECT_COST	NULL	NUMBER(15,2)	Total direct cost for budget version
TOTAL_INDIRECT_COST	NULL	NUMBER(15,2)	Total indirect cost for budget version
COST_SHARING_AMOUNT	NULL	NUMBER(15,2)	Total cost sharing for budget version
UNDERRECOVERY_AMOUNT	NULL	NUMBER(15,2)	Underrecovery amount for budget version
RESIDUAL_FUNDS	NULL	NUMBER(15,2)	Residual fund for budget version
TOTAL_COST_LIMIT	NULL	NUMBER(15,2)	Total cost limit for budget version
OH_RATE_CLASS_ID	NOT NULL	NUMBER(10)	Overhead rate class identifier associated with budget version
COMMENTS	NULL	VARCHAR2(2000)	Comments for a budget version
FINAL_VERSION_FLAG	NULL	VARCHAR2(1)	Indicator for the final budget version
PROPOSAL_FORM_NUMBER	NOT NULL	VARCHAR2(30)	Proposal form number or EDI transaction set number. Examples are PHS 398, 194TS.
BUDGET_TYPE_CODE	NULL	VARCHAR2(30)	Indicates whether it is a Proposal Budget or an Award Budget. A budget version with budget type of Award Budget can be exported to Oracle Grants Accounting.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column

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Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_BUDGETS_U1	UNIQUE	1	PROPOSAL_ID
		2	VERSION_ID



IGW_BUDGET_COSTS_V

IGW_BUDGET_COSTS_V displays total cost, direct cost, and the proposed period for the proposal.

View Definition

```
CREATE VIEW IGW_BUDGET_COSTS_V
as SELECT
    p.proposal_id,
    bv.version_id,
    p.proposal_start_date,
    p.proposal_end_date,
    trunc(months_between(p.proposal_end_date,p.proposal_start_date)),
    bv.total_cost,
    bv.total_direct_cost,
    bp.total_cost      initial_total_cost,
    bp.total_direct_cost initial_direct_cost
from
    igw_proposals_all p,
    igw_budgets      bv,
    igw_budget_periods bp
where
    bv.proposal_id = p.proposal_id and
    bv.final_version_flag = 'Y' and
    bp.proposal_id = p.proposal_id and
    bp.version_id  = bv.version_id and
    bp.budget_period_id = 1
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NULL	VARCHAR2(240)	Proposal identifier
VERSION_ID	NULL	VARCHAR2(240)	Final budget version identifier
PROPOSAL_START_DATE	NULL	VARCHAR2(240)	Proposal start date
PROPOSAL_END_DATE	NULL	VARCHAR2(240)	Proposal end date
DURATION_MONTHS	NULL	VARCHAR2(240)	Proposed project duration in months
TOTAL_COST	NULL	VARCHAR2(240)	Proposed total cost
TOTAL_DIRECT_COST	NULL	VARCHAR2(240)	Proposed total direct cost
INITIAL_TOTAL_COST	NULL	VARCHAR2(240)	Proposed initial budget period total cost
INITIAL_DIRECT_COST	NULL	VARCHAR2(240)	Proposed initial budget period direct cost

IGW_BUDGET_DETAILS

IGW_BUDGET_DETAILS stores budget line details for a budget period. A budget line may or may not involve personnel, depending on the expenditure type selected. A budget period can have multiple budget lines.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
GMS_AWARDS_ALL	AWARD_ID	AWARD_ID
IGW_BUDGET_PERIODS	PROPOSAL_ID	PROPOSAL_ID
	VERSION_ID	VERSION_ID
	BUDGET_PERIOD_ID	BUDGET_PERIOD_ID
IGW_EXPENDITURE_CATEGORIES	EXPENDITURE_CATEGORY	EXPENDITURE_TYPE
IGW_EXPENDITURE_TYPES	EXPENDITURE_TYPE	EXPENDITURE_TYPE
PA_PROJECTS_ALL	PROJECT_ID	PROJECT_ID
PA_TASKS	TASK_ID	TASK_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BUDGET_CATEGORY_CODE	IGW_BUDGET_CATEGORY	IGW_LOOKUPS
	01	Direct Labor Costs
	03	Other Direct Costs
	04	Subcontract
	06	Labor Overhead Costs (Excluding FB)
	08	Other Overhead Costs
	09	Total Indirect Costs
	18	Cash Contribution (Funds Appropriation)
	28	Total Amount Requested
	33	General and Administrative Costs
	35	Profit or Fee
	36	Total Project Cost
	38	Total Cost (Direct & F&A)
	39	Other Costs
	42	Purchased Equipment
	43	Materials and Purchased Items
	46	Commercial Effort
	47	Total Direct Cost Base
	48	Total Indirect Labor (Fringe Benefits)
	49	Total Fringe Benefits
	51	Employment
	52	Total Travel Costs
	56	Participant Insurance
	70	Total Direct Labor
	71	Total Labor Costs (Labor & Fringe Benefits)
	72	Total Purchased Equipment
	73	Domestic Travel
	74	Foreign Travel
	75	Participant Stipends

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QuickCodes Columns (Continued)

Column	QuickCodes Type	QuickCodes Table
	77	Participant Travel
	78	Participant Other
	79	Participant Total
	80	Publication Costs
	81	Consultant Costs
	82	Computer Automated Data Processing (ADP)
	83	In-kind contribution from Non-Federal Sources
	84	Total Direct Costs
	85	Human Subject Costs
	86	Animal Costs
	87	Alterations and Renovations
	88	Cost Sharing
	BL	Billings
	EH	Equipment Maintenance
	EX	Expenditures
	FE	Participant Fees
	RL	Rental or Lease of Equipment or Facilities
	TU	Participant Tuition
	ZZ	Mutually Defined

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NOT NULL	NUMBER(15)	Proposal identifier
VERSION_ID	NOT NULL	NUMBER(4)	Budget version identifier
BUDGET_PERIOD_ID	NOT NULL	NUMBER(4)	Budget period identifier
LINE_ITEM_ID (PK)	NOT NULL	NUMBER(15)	Budget line identifier
EXPENDITURE_TYPE	NOT NULL	VARCHAR2(30)	Expenditure category or expenditure type associated with budget line
BUDGET_CATEGORY_CODE	NOT NULL	VARCHAR2(30)	Unique code identifying sponsor budget category
EXPENDITURE_CATEGORY_FLAG	NOT NULL	VARCHAR2(1)	Flag that describes whether expenditure category or expenditure type is used in the budget line. If expenditure category is used in the budget line, the value of the flag is Y. The value of the flag is N if expenditure category is used.
LINE_ITEM_DESCRIPTION	NULL	VARCHAR2(250)	Description for a budget line
BASED_ON_LINE_ITEM	NULL	NUMBER(15)	Identifier for the parent budget line from which the current budget line is generated
LINE_ITEM_COST	NULL	NUMBER(15,2)	Line item cost or amount entered for a budget line
COST_SHARING_AMOUNT	NULL	NUMBER(15,2)	Cost sharing amount for a budget line
UNDERRECOVERY_AMOUNT	NULL	NUMBER(15,2)	Underrecovery amount for a budget line
APPLY_INFLATION_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether inflation is to be applied to later periods
BUDGET_JUSTIFICATION	NULL	LONG	Justification for a budget line

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Column Descriptions (Continued)

Name	Null?	Type	Description
LOCATION_CODE	NOT NULL	VARCHAR2(30)	Unique code defining the location for budget line. On Campus and Off Campus are examples of location.
PROJECT_ID	NULL	NUMBER(15)	Project identifier
TASK_ID	NULL	NUMBER(15)	Task identifier
AWARD_ID	NULL	NUMBER(15)	Award identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_BUDGET_DETAILS_U1	UNIQUE	5	LINE_ITEM_ID

IGW_BUDGET_DETAILS_CAL_AMTS

IGW_BUDGET_DETAILS_CAL_AMTS stores overhead amounts for a budget line. It also stores employee benefits if a budget line involves personnel. Overhead may or may not be applied by selecting or deselecting APPLY_RATE_FLAG.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_BUDGET_DETAILS	PROPOSAL_ID	PROPOSAL_ID
	VERSION_ID	VERSION_ID
	LINE_ITEM_ID	LINE_ITEM_ID
IGW_BUDGET_PERIODS	PROPOSAL_ID	PROPOSAL_ID
	VERSION_ID	VERSION_ID
	BUDGET_PERIOD_ID	BUDGET_PERIOD_ID

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NOT NULL	NUMBER(15)	Proposal identifier
VERSION_ID	NOT NULL	NUMBER(4)	Budget version identifier
BUDGET_PERIOD_ID	NOT NULL	NUMBER(4)	Budget period identifier
LINE_ITEM_ID (PK)	NOT NULL	NUMBER(15)	Budget line identifier
RATE_CLASS_ID (PK)	NOT NULL	NUMBER(10)	Rate class identifier
RATE_TYPE_ID (PK)	NOT NULL	NUMBER(10)	Rate type identifier
APPLY_RATE_FLAG	NULL	VARCHAR2(1)	Flag that indicates whether overhead or employee benefits rate is applied
CALCULATED_COST	NULL	NUMBER(15,2)	Cost calculation based on rate class
CALCULATED_COST_SHARING	NULL	NUMBER(15,2)	Cost sharing calculation based on rate class
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_BUDG_DETAIL_CAL_AMTS_U1	UNIQUE	1	LINE_ITEM_ID
		2	RATE_CLASS_ID
		3	RATE_TYPE_ID

IGW_BUDGET_PERIODS

IGW_BUDGET_PERIODS stores the periods of a budget version. A budget version can have multiple periods within the budget version start and end date.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_BUDGETS	PROPOSAL_ID VERSION_ID	PROPOSAL_ID VERSION_ID

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID (PK)	NOT NULL	NUMBER(15)	Proposal identifier
VERSION_ID (PK)	NOT NULL	NUMBER(4)	Budget version identifier
BUDGET_PERIOD_ID (PK)	NOT NULL	NUMBER(4)	Budget period identifier
START_DATE	NOT NULL	DATE	Start date of a budget period
END_DATE	NOT NULL	DATE	End date of a budget period
TOTAL_COST	NULL	NUMBER(15,2)	Total cost for the entire period, which is the sum of total direct costs and total indirect costs
TOTAL_DIRECT_COST	NULL	NUMBER(15,2)	Total direct cost for the period
TOTAL_INDIRECT_COST	NULL	NUMBER(15,2)	Total indirect cost for the period
COST_SHARING_AMOUNT	NULL	NUMBER(15,2)	Cost sharing amount for the period
UNDERRECOVERY_AMOUNT	NULL	NUMBER(15,2)	Underrecovery amount for the budget period
TOTAL_COST_LIMIT	NULL	NUMBER(15,2)	Total cost limit for the budget period
PROGRAM_INCOME	NULL	NUMBER(15,2)	Program income received for the budget period
PROGRAM_INCOME_SOURCE	NULL	VARCHAR2(50)	Source of program income
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_BUDGET_PERIODS_U1	UNIQUE	1	PROPOSAL_ID
		2	VERSION_ID
		3	BUDGET_PERIOD_ID

IGW_BUDGET_PERSONNEL_CAL_AMTS

IGW_BUDGET_PERSONNEL_CAL_AMTS stores overhead amounts and employee benefits for personnel attached to a budget line. Overhead and employee benefits may or may not be applied by selecting or deselecting APPLY_RATE_FLAG.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_BUDGET_PERSONNEL_DETAILS	BUDGET_PERSONNEL_DETAIL_ID	BUDGET_PERSONNEL_DETAIL_ID

Column Descriptions

Name	Null?	Type	Description
BUDGET_PERSONNEL_DETAIL_ID (PK)	NOT NULL	NUMBER(15)	Record identifier
RATE_CLASS_ID (PK)	NOT NULL	NUMBER(10)	Rate class identifier
RATE_TYPE_ID (PK)	NOT NULL	NUMBER(10)	Rate type identifier
APPLY_RATE_FLAG	NULL	VARCHAR2(1)	Flag that indicates whether overhead or employee benefits rate is applied
CALCULATED_COST	NULL	NUMBER(15,2)	Cost calculation based on rate class
CALCULATED_COST_SHARING	NULL	NUMBER(15,2)	Cost sharing calculation based on rate class
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_BUDG_PERS_CAL_AMTS_U1	UNIQUE	1	BUDGET_PERSONNEL_DETAIL_ID
		2	RATE_CLASS_ID
		3	RATE_TYPE_ID

IGW_BUDGET_PERSONNEL_DETAILS

IGW_BUDGET_PERSONNEL_DETAILS stores personnel details and related information, such as duration of work, percentage of effort charged, and percentage of effort worked for a budget line. A budget line can have multiple persons attached.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_BUDGET_DETAILS	LINE_ITEM_ID	LINE_ITEM_ID
IGW_BUDGET_PERSONS	VERSION_ID	VERSION_ID
	PROPOSAL_ID	PROPOSAL_ID
	PERSON_ID	PERSON_ID
	APPOINTMENT_TYPE_CODE	APPOINTMENT_TYPE_CODE

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
APPOINTMENT_TYPE_CODE	IGW_APPOINTMENT_TYPE	IGW_LOOKUPS
	1	1 Month
	10	10 Months
	11	11 Months
	12	12 Months
	2	2 Months
	3	3 Months
	4	4 Months
	5	5 Months
	6	6 Months
	7	7 Months
	8	8 Months
	9	9 Months
PERIOD_TYPE_CODE	IGW_PERIOD_TYPES	IGW_LOOKUPS
	AP	Academic
	CY	Calendar
	SP	Summer

Column Descriptions

Name	Null?	Type	Description
BUDGET_PERSONNEL_DETAIL_ID (PK)	NOT NULL	NUMBER(15)	Budget personnel detail identifier
PROPOSAL_ID	NOT NULL	NUMBER(15)	Proposal identifier
VERSION_ID	NOT NULL	NUMBER(4)	Budget version identifier
BUDGET_PERIOD_ID	NOT NULL	NUMBER(4)	Budget period identifier
LINE_ITEM_ID	NOT NULL	NUMBER(15)	Budget line identifier
PERSON_ID	NOT NULL	NUMBER(15)	Person identifier
START_DATE	NOT NULL	DATE	Start date from which a person in a budget line is effective
END_DATE	NOT NULL	DATE	End date through which a person in a budget line is effective
PERIOD_TYPE_CODE	NOT NULL	VARCHAR2(30)	Code which uniquely identifies period type. Period type can be Academic, Calendar, Summer or Cycle.
APPOINTMENT_TYPE_CODE	NOT NULL	VARCHAR2(30)	Code which uniquely identifies appointment type

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Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
SALARY_REQUESTED	NULL	NUMBER(15,2)	Calculated salary for the person based on start date and end date and percent charged
PERCENT_CHARGED	NULL	NUMBER(5,2)	Percentage charged for a person in the budget line
PERCENT_EFFORT	NULL	NUMBER(5,2)	Percentage effort of a person in the budget line
COST_SHARING_PERCENT	NULL	NUMBER(5,2)	Percentage of cost sharing for the budget person
COST_SHARING_AMOUNT	NULL	NUMBER(15,2)	Cost sharing amount calculation based on percentage of cost sharing for the budget person
UNDERRECOVERY_AMOUNT	NULL	NUMBER(15,2)	Underrecovery amount for the budget person
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
IGW_BUDG_PERSL_DETAILS_U1	UNIQUE	5	BUDGET_PERSONNEL_DETAIL_ID

IGW_BUDGET_PERSONS

IGW_BUDGET_PERSONS stores budgeting information about personnel, along with information such as appointment type, base salary, and effective date. The same person can be stored multiple times with different appointment types.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_BUDGETS	PROPOSAL_ID VERSION_ID	PROPOSAL_ID VERSION_ID
IGW_PROP_PERSONS	PROPOSAL_ID PERSON_ID	PROPOSAL_ID PERSON_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
APPOINTMENT_TYPE_CODE	IGW_APPOINTMENT_TYPE	IGW_LOOKUPS
	1	1 Month
	10	10 Months
	11	11 Months
	12	12 Months
	2	2 Months
	3	3 Months
	4	4 Months
	5	5 Months
	6	6 Months
	7	7 Months
	8	8 Months
	9	9 Months

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID (PK)	NOT NULL	NUMBER(15)	Proposal identifier
VERSION_ID (PK)	NOT NULL	NUMBER(4)	Budget version identifier
PERSON_ID (PK)	NOT NULL	NUMBER(15)	Person identifier
APPOINTMENT_TYPE_CODE (PK)	NOT NULL	VARCHAR2(30)	Code which uniquely identifies appointment type
EFFECTIVE_DATE	NOT NULL	DATE	Effective start date from which the base salary associated with a person is valid
CALCULATION_BASE	NOT NULL	NUMBER(15,2)	Base salary of a person
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_BUDGET_PERSONS_U1	UNIQUE	1	PROPOSAL_ID
		2	VERSION_ID
		3	PERSON_ID
		4	APPOINTMENT_TYPE_CODE

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IGW_BUSINESS_RULES_ALL

IGW_BUSINESS_RULES_ALL stores business rules for organizations. The three kinds of business rules are validation, notification, and routing. This table contains information about which routing maps to use for the routing and notification business rules.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID
IGW_ORG_MAPS_ALL	MAP_ID	MAP_ID

Column Descriptions

Name	Null?	Type	Description
RULE_ID (PK)	NOT NULL	NUMBER(10)	Rule identifier
RULE_SEQUENCE_NUMBER	NULL	NUMBER(4)	Rule sequence number
ORGANIZATION_ID	NOT NULL	NUMBER(15)	Organization identifier
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multiple organizations
RULE_NAME	NOT NULL	VARCHAR2(50)	Rule name
RULE_TYPE	NOT NULL	VARCHAR2(1)	Type of rule. N means Notification, R means Routing, and V means Validation.
MAP_ID	NULL	NUMBER(10)	Map identifier
VALID_FLAG	NULL	VARCHAR2(1)	Flag that determines if proposal is valid or invalid if validation business rule evaluates to True. Possible values are V for Valid and I for Invalid.
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of a rule
END_DATE_ACTIVE	NULL	DATE	Last effective date of a rule
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_BUSINESS_RULES_U1	UNIQUE	5	RULE_ID

Sequences

Sequence	Derived Column
IGW_BUSINESS_RULES_ALL_S	RULE_ID

IGW_BUSINESS_RULE_LINES

IGW_BUSINESS_RULE_LINES stores business rule expressions. A comprehensive business rule may consist of several expressions joined together by logical AND or OR operators.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_BUSINESS_RULES_ALL	RULE_ID	RULE_ID

Column Descriptions

Name	Null?	Type	Description
RULE_ID (PK)	NOT NULL	NUMBER(15)	Rule identifier
EXPRESSION_ID (PK)	NOT NULL	NUMBER(10)	Rule expression identifier
EXPRESSION_SEQUENCE_NUMBER	NOT NULL	NUMBER(4)	Expression sequence number
EXPRESSION_TYPE	NOT NULL	VARCHAR2(1)	Type of rule expression. Possible values are Q for Question, C for Column, and F for Function
LBRACKETS	NULL	VARCHAR2(10)	Field for entering left brackets of an expression. A valid left bracket is a left parenthesis.
LVALUE	NOT NULL	VARCHAR2(50)	Left hand side of expression. Values are taken from lookup IGW_RULE_COLUMNS when EXPRESSION_TYPE is C for Columns and from lookup IGW_RULE_FUNCTIONS when EXPRESSION_TYPE is F for Functions.
OPERATOR	NOT NULL	VARCHAR2(2)	Operator. Possible values are Equals and Not Equal to if EXPRESSION_TYPE is F and Equals, Not Equal to, Less Than, Less Than or Equal to, Greater Than, Greater Than or Equal to if EXPRESSION_TYPE is C.
RVALUE	NOT NULL	VARCHAR2(200)	Right hand side of expression
RVALUE_ID	NULL	VARCHAR2(30)	For expression of type Q for question or C for column, RVALUE_ID will be the same as Rvalue. For expression of type F for function, RVALUE_ID will have identifier of Rvalue.
RBRACKETS	NULL	VARCHAR2(10)	Field for entering right brackets of expression. A valid right bracket is a right parenthesis.
LOGICAL_OPERATOR	NULL	VARCHAR2(3)	Logical operator joining two expressions. Possible values are AND and OR.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column



Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
IGW_BUS_RULE_LINES_U1	UNIQUE	5 10	RULE_ID EXPRESSION_ID

Sequences

<u>Sequence</u>	<u>Derived Column</u>
IGW_BUSINESS_RULE_LINES_S	EXPRESSION_ID

IGW_EXPENDITURE_CATEGORIES

IGW_EXPENDITURE_CATEGORIES stores the expenditure categories used for budgeting purposes. Each expenditure category is associated with a budget category. PERSONNEL_ATTACHED_FLAG can be used to determine whether there will be personnel attached to an expenditure category while preparing a budget.

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BUDGET_CATEGORY_CODE	IGW_BUDGET_CATEGORY	IGW_LOOKUPS
	01	Direct Labor Costs
	03	Other Direct Costs
	04	Subcontract
	06	Labor Overhead Costs (Excluding FB)
	08	Other Overhead Costs
	09	Total Indirect Costs
	18	Cash Contribution (Funds Appropriation)
	28	Total Amount Requested
	33	General and Administrative Costs
	35	Profit or Fee
	36	Total Project Cost
	38	Total Cost (Direct & F&A)
	39	Other Costs
	42	Purchased Equipment
	43	Materials and Purchased Items
	46	Commercial Effort
	47	Total Direct Cost Base
	48	Total Indirect Labor (Fringe Benefits)
	49	Total Fringe Benefits
	51	Employment
	52	Total Travel Costs
	56	Participant Insurance
	70	Total Direct Labor
	71	Total Labor Costs (Labor & Fringe Benefits)
	72	Total Purchased Equipment
	73	Domestic Travel
	74	Foreign Travel
	75	Participant Stipends
	77	Participant Travel
	78	Participant Other
	79	Participant Total
	80	Publication Costs
	81	Consultant Costs
	82	Computer Automated Data Processing (ADP)
	83	In-kind contribution from Non-Federal Sources
	84	Total Direct Costs

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QuickCodes Columns (Continued)

Column	QuickCodes	Type	QuickCodes Table
	85		Human Subject Costs
	86		Animal Costs
	87		Alterations and Renovations
	88		Cost Sharing
	BL		Billings
	EH		Equipment Maintenance
	EX		Expenditures
	FE		Participant Fees
	RL		Rental or Lease of Equipment or Facilities
	TU		Participant Tuition
	ZZ		Mutually Defined

Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_CATEGORY	NOT NULL	VARCHAR2(30)	Expenditure category
DESCRIPTION	NULL	VARCHAR2(250)	Expenditure category description
BUDGET_CATEGORY_CODE	NOT NULL	VARCHAR2(30)	Indicates sponsor budget category. Values are taken from the lookups IGW_BUDGET_CATEGORY.
PERSONNEL_ATTACHED_FLAG	NOT NULL	VARCHAR2(1)	Flag indicates if personnel are attached to the expenditure category
START_DATE_ACTIVE	NULL	DATE	First effective date for expenditure category
END_DATE_ACTIVE	NULL	DATE	Last effective date for expenditure category
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_EXPENDITURE_CATEGORIES_U1	UNIQUE	5	EXPENDITURE_CATEGORY

IGW_EXPENDITURE_TYPES

IGW_EXPENDITURE_TYPES stores expenditure types that are used for budgeting purposes. It also contains information about the expenditure categories to which the expenditure type belongs.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_EXPENDITURE_CATEGORIES	EXPENDITURE_CATEGORY	EXPENDITURE_CATEGORY

Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_CATEGORY	NOT NULL	VARCHAR2(30)	Expenditure category
EXPENDITURE_TYPE (PK)	NOT NULL	VARCHAR2(30)	Expenditure type
DESCRIPTION	NULL	VARCHAR2(250)	Expenditure type description
START_DATE_ACTIVE	NOT NULL	DATE	First effective date for the expenditure type
END_DATE_ACTIVE	NULL	DATE	Last effective date for the expenditure type
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_EXPENDITURE_TYPES_U1	UNIQUE	5	EXPENDITURE_TYPE

IGW_EXP_TYPE_RATE_TYPES

IGW_EXP_TYPE_RATE_TYPES stores information about expenditure categories associated with a particular rate class and rate type. An expenditure category can be assigned to only one rate type within a rate class.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_RATE_TYPES	RATE_CLASS_ID RATE_TYPE_ID	RATE_CLASS_ID RATE_TYPE_ID

Column Descriptions

Name	Null?	Type	Description
EXPENDITURE_CATEGORY (PK)	NOT NULL	VARCHAR2(30)	Expenditure category
RATE_CLASS_ID (PK)	NOT NULL	NUMBER(10)	Rate class identifier
RATE_TYPE_ID (PK)	NOT NULL	NUMBER(10)	Rate type identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_EXP_RATE_TYPES_U1	UNIQUE	1	EXPENDITURE_CATEGORY
		2	RATE_CLASS_ID
		3	RATE_TYPE_ID

IGW_IMPLEMENTATIONS_ALL

IGW_IMPLEMENTATIONS_ALL stores the implementation parameters for Oracle Grants Proposal. The proposal numbering method, proposal owning organization, and proposal approval organization hierarchies are specified in this table. If users have a multi-organization installation, one row is defined for each operating unit.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	BUSINESS_GROUP_ID
PA_EXPENDITURE_CATEGORIES	EXPENDITURE_CATEGORY	OH_EXPENDITURE_CATEGORY_TYPE
PA_EXPENDITURE_CATEGORIES	EXPENDITURE_CATEGORY	UNM_EXPENDITURE_CATEGORY_TYPE
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	OH_EXPENDITURE_CATEGORY_TYPE
PA_EXPENDITURE_TYPES	EXPENDITURE_TYPE	UNM_EXPENDITURE_CATEGORY_TYPE
PER_ORGANIZATION_STRUCTURES	ORGANIZATION_STRUCTURE_ID	APR_ORG_STRUCTURE_ID
PER_ORGANIZATION_STRUCTURES	ORGANIZATION_STRUCTURE_ID	PRP_ORG_STRUCTURE_ID
PER_ORG_STRUCTURE_ELEMENTS	ORGANIZATION_ID_PARENT	APR_ORG_STRUCTURE_START_ID
PER_ORG_STRUCTURE_ELEMENTS	ORGANIZATION_ID_PARENT	PRP_ORG_STRUCTURE_START_ID
PER_ORG_STRUCTURE_VERSIONS	ORG_STRUCTURE_VERSION_ID	APR_ORG_STRUCTURE_VERSION_ID
PER_ORG_STRUCTURE_VERSIONS	ORG_STRUCTURE_VERSION_ID	PRP_ORG_STRUCTURE_VERSION_ID

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_NUMBERING_METHOD	NULL	VARCHAR2(1)	Proposal numbering method. M means Manual and A means Automatic.
MANUAL_PROPOSAL_NUMB_METHOD	NULL	VARCHAR2(1)	Manual proposal numbering method. A means Alphanumeric and N means Numeric.
NEXT_AUTOMATIC_PROPOSAL_NUMBER	NULL	NUMBER(15)	Next proposal number that is automatically generated if the proposal numbering method is set to automatic
OH_EXPENDITURE_CATEGORY_TYPE	NULL	VARCHAR2(30)	Overhead expenditure category or type
OH_EXPENDITURE_FLAG	NULL	VARCHAR2(1)	Overhead expenditure category or type indicator. C means Category and T means Type.
UNM_EXPENDITURE_CATEGORY_TYPE	NULL	VARCHAR2(30)	Unmatched expenditure category or type
UNM_EXPENDITURE_FLAG	NULL	VARCHAR2(1)	Unmatched expenditure category or type indicator. C means Category and T means Type.
PRP_ORG_STRUCTURE_ID	NULL	NUMBER(15)	Proposal owning organization hierarchy identifier
PRP_ORG_STRUCTURE_VERSION_ID	NULL	NUMBER(15)	Proposal owning organization hierarchy version identifier
PRP_ORG_STRUCTURE_START_ID	NULL	NUMBER(15)	Start organization identifier of proposal owning organization hierarchy
APR_ORG_STRUCTURE_ID	NOT NULL	NUMBER(15)	Proposal approval organization hierarchy identifier
APR_ORG_STRUCTURE_VERSION_ID	NOT NULL	NUMBER(15)	Proposal approval organization hierarchy version identifier
APR_ORG_STRUCTURE_START_ID	NOT NULL	NUMBER(15)	Start organization identifier of proposal approval organization hierarchy

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Column Descriptions (Continued)

Name	Null?	Type	Description
BUSINESS_GROUP_ID	NOT NULL	NUMBER(15)	Business group identifier
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_IMPLEMENTATIONS_ALL_U1	UNIQUE	5	ORG_ID

IGW_INSTITUTE_RATES

IGW_INSTITUTE_RATES stores rate information about a particular activity type, location, fiscal year, rate class, and rate type. These rates are used in budget calculations.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_RATE_TYPES	RATE_TYPE_ID RATE_CLASS_ID	RATE_TYPE_ID RATE_CLASS_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTIVITY_TYPE_CODE	IGW_ACTIVITY_TYPES 1 2 3 4 5 6	FND_LOOKUPS Organized Research Instruction Fellowship Public Service Student Services Other
LOCATION_CODE	IGW_LOCATION 1 2	IGW_LOOKUPS On-Campus Off-Campus

Column Descriptions

Name	Null?	Type	Description
RATE_CLASS_ID (PK)	NOT NULL	NUMBER(10)	Rate class identifier
RATE_TYPE_ID (PK)	NOT NULL	NUMBER(10)	Rate type identifier
ACTIVITY_TYPE_CODE (PK)	NOT NULL	VARCHAR2(30)	Activity type. Values are taken from the lookups IGW_ACTIVITY_TYPES.
FISCAL_YEAR (PK)	NOT NULL	NUMBER(4)	Fiscal year
LOCATION_CODE (PK)	NOT NULL	VARCHAR2(30)	Indicates the location for which the rates are valid. Values are taken from the lookups IGW_LOCATION.
START_DATE	NOT NULL	DATE	First effective start date for the associated rate
RATE	NOT NULL	NUMBER(5,2)	Rate associated with a particular rate class, rate type, activity type, location, and fiscal year for budgeting purposes
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column



Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
IGW_INSTITUTE_RATES_U1	UNIQUE	1	RATE_CLASS_ID
		2	RATE_TYPE_ID
		3	ACTIVITY_TYPE_CODE
		4	FISCAL_YEAR
		5	LOCATION_CODE

IGW_ORGANIZATION_TYPES_V

IGW_ORGANIZATION_TYPES_V displays the applicant organization's type. This view has eight columns for eight types of organizations. The eight types of organizations are General, Small Business, Minority-owned business, Women-owned business, Federal, State, Local, and Nonprofit. A value of X for a field means True and NULL means False.

View Definition

```
CREATE VIEW IGW_ORGANIZATION_TYPES_V
as SELECT
    P.PROPOSAL_ID,
    p.proposal_number,
    P.submitting_ORGANIZATION_ID,
    igw_report_processing.get_org_type(P.submitting_organization_id, 'B9'),
    igw_report_processing.get_org_type(P.submitting_organization_id, '21'),
    igw_report_processing.get_org_type(P.submitting_organization_id, '22','23'),
    igw_report_processing.get_org_type(P.submitting_organization_id, 'A2'),
    igw_report_processing.get_org_type(P.submitting_organization_id, '2R'),
    igw_report_processing.get_org_type(P.submitting_organization_id, '2F'),
    igw_report_processing.get_org_type(P.submitting_organization_id, 'C6'),
    igw_report_processing.get_org_type(P.submitting_organization_id, 'A8')
FROM
    IGW_PROPOSALS_ALL P
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NULL	VARCHAR2(240)	Proposal identifier
PROPOSAL_NUMBER	NULL	VARCHAR2(240)	Proposal number
ORGANIZATION_ID	NULL	VARCHAR2(240)	Organization identifier
GENERAL	NULL	VARCHAR2(240)	General business
SMALL_BUSINESS	NULL	VARCHAR2(240)	Small business
MINORITY_BUSINESS	NULL	VARCHAR2(240)	Minority-owned business
WOMEN_BUSINESS	NULL	VARCHAR2(240)	Women-owned business
FEDERAL	NULL	VARCHAR2(240)	Federal organization
STATE	NULL	VARCHAR2(240)	State organization
LOCAL	NULL	VARCHAR2(240)	Local organization
NON_PROFIT	NULL	VARCHAR2(240)	Nonprofit organization

IGW_ORG_DETAILS

IGW_ORG_DETAILS stores details for the applicant organization and the applicant unit. Detail examples include Signing Official, Administrative Official, Entity Identification Number, Taxpayer's Identification Number, and DUNS number.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
NIH_SUBDIVISION_CODE	IGW_NIH_MAJOR_SUBDIVISION	IGW_LOOKUPS
	01	School of Medicine
	03	School of Dentistry
	05	School of Osteopathy
	07	School of Pharmacy
	09	School of Nursing
	11	School of Veterinary Medicine
	13	School of Public Health
	14	School of Optometry
	15	School of Allied Health
	16	College of Podiatric Medicine
	20	Other Academic
	30	Hospital
	52	Health Department
	60	Research Organization
	70	Other Nonacademic

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER(15)	Organization identifier
AGREEMENT_DATE	NULL	DATE	Division of Health and Human Services agreement date
NEGOTIATING_AGREEMENT_WITH	NULL	VARCHAR2(50)	Regional office with which Division of Health and Human Services agreement is being negotiated.
RATE_ESTABLISHED_WITH	NULL	VARCHAR2(50)	Regional office with which rate has been established, in case no Division of Health and Human Services agreement has been established
RATE_ESTABLISHED_DATE	NULL	DATE	Date when rate was established
ADMIN_OFFICIAL_ID	NULL	NUMBER(15)	Administrative official identifier
SIGNING_OFFICIAL_ID	NULL	NUMBER(15)	Signing official identifier
ORG_IPF_CODE	NULL	VARCHAR2(20)	Organization's Institutional Profile Code
CONGRESS_DISTRICT	NULL	VARCHAR2(50)	Congressional district
EIN	NULL	VARCHAR2(20)	Employer Identification Number
TIN	NULL	VARCHAR2(20)	Taxpayer Identification Number

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Column Descriptions (Continued)

Name	Null?	Type	Description
DUNS_NUMBER	NULL	VARCHAR2(20)	Data Universal Numbering System number
DUNS4_NUMBER	NULL	VARCHAR2(20)	Data Universal Numbering System + 4 number
DODAAC_NUMBER	NULL	VARCHAR2(20)	Department of Defense Activity Address Code number
CAGE_NUMBER	NULL	VARCHAR2(20)	Commercial And Government Entity number
HUMAN_EXEMPTION_NUMBER	NULL	VARCHAR2(20)	Human exemption number
HUMAN_ASSURANCE_NUMBER	NULL	VARCHAR2(20)	Human assurance number
ANIMAL_ASSURANCE_NUMBER	NULL	VARCHAR2(20)	Animal assurance number
NSF_INSTITUTIONAL_CODE	NULL	VARCHAR2(20)	National Science Foundation institutional code
NIH_SUBDIVISION_CODE	NULL	VARCHAR2(30)	Major subdivision code
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield 1 structure defining column
ATTRIBUTE_CATEGORY2	NULL	VARCHAR2(30)	Descriptive Flexfield 2 structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_ORG_DETAILS_U1	UNIQUE	5	ORGANIZATION_ID

IGW_ORG_MAPS_ALL

IGW_ORG_MAPS_ALL stores proposal routing and notification maps for an organization. A map is a sequence of stops. Each stop has at least one primary approver and can have one or more alternate approvers.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID

Column Descriptions

Name	Null?	Type	Description
MAP_ID (PK)	NOT NULL	NUMBER(10)	Map identifier
ORGANIZATION_ID	NOT NULL	NUMBER(15)	Organization identifier. Identifies the organization for which the map is created.
DESCRIPTION	NOT NULL	VARCHAR2(30)	Map name
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multiple organizations
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of a map
END_DATE_ACTIVE	NULL	DATE	Last effective date of a map
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_ORG_MAPS_ALL_U1	UNIQUE	5	MAP_ID
IGW_ORG_MAPS_ALL_U2	UNIQUE	5	DESCRIPTION

Sequences

Sequence	Derived Column
IGW_ORG_MAPS_ALL_S	MAP_ID

IGW_ORG_MAP_DETAILS

IGW_ORG_MAPS_DETAILS stores personnel information for all approval map stops. Each map has at least one stop having a primary approver. For notification maps, all persons in the map are notified collectively.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_USER	USER_NAME	USER_NAME
IGW_ORG_MAPS_ALL	MAP_ID	MAP_ID

Column Descriptions

Name	Null?	Type	Description
MAP_ID (PK)	NOT NULL	NUMBER(10)	Map identifier
STOP_ID (PK)	NOT NULL	NUMBER(4)	Stop identifier
USER_NAME (PK)	NOT NULL	VARCHAR2(100)	Application user name of the approver or the person to whom notification is sent
APPROVER_TYPE	NULL	VARCHAR2(1)	Type of approver in the map. P means Primary and A means Alternate.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_ORG_MAP_DETAILS_U1	UNIQUE	1	MAP_ID
		2	STOP_ID
		3	USER_NAME

IGW_ORG_QUESTIONS

IGW_ORG_QUESTIONS stores answers to questions about an organization. It also includes an explanation and a review date for answers.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID
IGW_QUESTIONS	QUESTION_NUMBER	QUESTION_NUMBER

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER(15)	Organization identifier
QUESTION_NUMBER (PK)	NOT NULL	VARCHAR2(5)	Question number
ANSWER	NULL	VARCHAR2(1)	Answer to the question. Possible values are 1 for Yes, 2 for No, and 3 for Not applicable.
EXPLANATION	NULL	VARCHAR2(800)	Explanation for answer
REVIEW_DATE	NULL	DATE	Date answer was reviewed
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_ORG_YNQ_U1	UNIQUE	1	ORGANIZATION_ID
		2	QUESTION_NUMBER

IGW_ORG_TYPES

IGW_ORG_TYPES stores the organization's type. Examples of organization types include minority-owned businesses, nonprofit organizations, and Federal facilities.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	ORGANIZATION_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ORGANIZATION_TYPE_CODE	IGW_ORGANIZATION_TYPES	IGW_LOOKUPS
	21	Small Business
	22	Minority-Owned Business, Small
	23	Minority-Owned Business, Large
	27	Small Disadvantaged Business
	2F	State
	2J	Individual
	2R	Federal Facility
	80	Hospital
	8E	Minority Institution
	95	Research Institute
	A2	Woman-Owned Business
	A6	Program Participant
	A8	Nonprofit Institution
	B2	Other Unlisted Organization
	B9	Large Business
	BZ	Business Associate
	C6	Municipality
	C7	County
	C8	City
	FY	Veterinary Hospital
	H2	Sub-Office
	H6	School District
	HB	Historically Black Institution
	J9	Community Agent
	KM	Coordinator
	M8	Educational Institution
	QU	Veterinarian Institution
	T4	Transfer Point
	TR	Terminal
	TW	Transit Authority
	UD	Region
	X6	International Organization
	X8	Hispanic Service Institute
	XY	Tribal Government
	XZ	American Indian-Owned Business



Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID (PK)	NOT NULL	NUMBER(15)	Organization identifier
ORGANIZATION_TYPE_CODE (PK)	NOT NULL	VARCHAR2(30)	Indicates organization type. Values are taken from the lookups IGW_ORGANIZATION_TYPES.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_ORG_TYPES_U1	UNIQUE	1	ORGANIZATION_ID
		2	ORGANIZATION_TYPE_CODE

IGW_PERSON_BIOSKETCH

IGW_PERSON_BIOSKETCH stores information about a person's biosketch background. Biosketch type is seeded with the values experience, honors, memberships, and publications. These values are used to categorize the information in the biosketch. ENABLE_FLAG determines whether a particular biosketch line is included in the person's biosketch or left out.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
BIOSKETCH_TYPE	IGW_BIOSKETCH_TYPES	IGW_LOOKUPS
	D.1	Experience
	D.2	Employment
	D.3	Honors
	D.4	Memberships
	D.5	Publications
	D.6	Advisors
	D.7	Advisees
	D.8	Collaborators

Column Descriptions

Name	Null?	Type	Description
PERSON_BIOSKETCH_ID (PK)	NOT NULL	NUMBER(10)	Person's biosketch identifier
PERSON_ID	NOT NULL	NUMBER(15)	Person identifier
BIOSKETCH_TYPE	NOT NULL	VARCHAR2(30)	Biosketch type. Values are taken from the lookups IGW_BIOSKETCH_TYPES.
LINE_SEQUENCE	NOT NULL	NUMBER(4)	Biosketch line sequence that is system-generated
LINE_DESCRIPTION	NOT NULL	VARCHAR2(500)	Biosketch line description
ENABLE_FLAG	NOT NULL	VARCHAR2(1)	Flag that determines whether the line is shown in the proposal. Possible values are Y and N.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_PERSON_BIOSKETCH_U1	UNIQUE	5	PERSON_BIOSKETCH_ID



Sequences

<u>Sequence</u>	<u>Derived Column</u>
IGW_PERSON_BIOSKETCH_S	PERSON_BIOSKETCH_ID

IGW_PERSON_DEGREES

IGW_PERSON_DEGREES stores information about a person's education. Information includes school name, date of graduation, degree type, and area of specialization.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
DEGREE_TYPE_CODE	IGW_DEGREE_TYPES	IGW_LOOKUPS
	2.1	Postsecondary Certificate or diploma (less than one year)
	2.2	Postsecondary Certificate or diploma (1 to 4 years)
	2.3	Associate Degree (e.g. Associate in Science)
	2.4	Baccalaureate Degree
	2.5	Baccalaureate (Honors) Degree
	3.1	First Professional Degree
	3.2	Post-Professional Degree
	4.1	Graduate Certificate
	4.2	Master's Degree
	4.3	Intermediate Graduate Degree
	4.4	Doctoral Degree
	4.5	Post-Doctoral Degree

Column Descriptions

Name	Null?	Type	Description
PERSON_DEGREE_ID	NOT NULL	NUMBER(10)	Person's degree identifier
PERSON_ID	NOT NULL	NUMBER(15)	Person identifier
DEGREE_TYPE_CODE	NOT NULL	VARCHAR2(30)	Degree type. Values are taken from the lookups IGW_DEGREE_TYPES.
GRADUATION_DATE	NOT NULL	DATE	Date of graduation for degree under consideration
DEGREE	NOT NULL	VARCHAR2(80)	Degree name
DEGREE_SEQUENCE	NOT NULL	NUMBER(3)	Degree sequence
FIELD_OF_STUDY	NULL	VARCHAR2(80)	Field of study for the degree under consideration
SPECIALIZATION	NULL	VARCHAR2(80)	Specialization for degree under consideration
SCHOOL_NAME	NULL	VARCHAR2(100)	School from which degree was obtained
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment

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Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
IGW_PERSON_DEGREES	UNIQUE	5	PERSON_DEGREE_ID

Sequences

<u>Sequence</u>	<u>Derived Column</u>
IGW_PERSON_DEGREES_S	PERSON_DEGREE_ID

IGW_PI_V

IGW_PI_V displays details of the Proposal Manager. Details include name, address, gender, degrees, date of birth, social security number, and job name.

View Definition

```
CREATE VIEW IGW_PI_V
as SELECT
    PA.PROPOSAL_ID,
    PA.PROPOSAL_NUMBER,
    PA.LEAD_ORGANIZATION_ID,
    pa.PROPOSAL_TYPE_code,
    PA.ORIGINAL_PROPOSAL_NUMBER,
    PA.AWARD_NUMBER,
    AP.PERSON_ID,
    AP.FULL_NAME,
    AP.LAST_NAME,
    AP.FIRST_NAME,
    AP.MIDDLE_NAMES,
    AP.TITLE,
    AP.SUFFIX,
    AP.LAST_NAME || decode(AP.FIRST_NAME, NULL, NULL, ' ', '
| | AP.FIRST_NAME) || decode(AP.MIDDLE_NAMES, NULL, NULL, ' ', '
| | AP.MIDDLE_NAMES),
    AP.FIRST_NAME || decode(AP.MIDDLE_NAMES, NULL, NULL, ' ', '
| | MIDDLE_NAMES) || ' ' || AP.LAST_NAME || decode(SUFFIX, NULL, NULL, ' ', '
| | SUFFIX),
    AP.DATE_OF_BIRTH,
    AP.NATIONAL_IDENTIFIER,
    AP.SEX,
    HL.MEANING,
    IGW_report_processing.GET_JOB_name(AP.PERSON_ID),
    IGW_report_processing.GET_PERSON_DEGREES(AP.PERSON_ID, PA.proposal_id ),
    AD.ADDRESS_LINE1,
    AD.ADDRESS_LINE2,
    AD.ADDRESS_LINE3,
    AD.POSTAL_CODE,
    AD.REGION_1,
    AD.REGION_2,
    AD.REGION_3,
    AD.TOWN_OR_CITY,
    IGW_report_processing.get_phone_number(AP.PERSON_ID, 'WF'),
    IGW_report_processing.get_phone_number(AP.PERSON_ID, 'W1'),
    AP.EMAIL_ADDRESS
FROM PER_ADDRESSES      AD,
    PER_PEOPLE_X      AP,
    IGW_PROP_PERSONS  PP,
    IGW_PROPOSALS_ALL PA,
    HR_LOOKUPS        HL
Where PA.PROPOSAL_ID = PP.PROPOSAL_ID AND
    PP.PI_FLAG = 'Y' AND
    PP.PERSON_ID = AP.PERSON_ID AND
    PP.PERSON_ID = AD.PERSON_ID(+) AND
```



```

AD.PRIMARY_FLAG(+) = 'Y' AND
AD.DATE_TO IS NULL AND
HL.LOOKUP_TYPE(+) = 'US_ETHNIC_GROUP' AND
HL.LOOKUP_CODE(+) = AP.PER_INFORMATION1

```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NULL	VARCHAR2(240)	Proposal identifier
PROPOSAL_NUMBER	NULL	VARCHAR2(240)	Proposal number
ORGANIZATION_ID	NULL	VARCHAR2(240)	Organization identifier
PROPOSAL_TYPE_CODE	NULL	VARCHAR2(240)	Proposal type code
ORIGINAL_PROPOSAL_NUMBER	NULL	VARCHAR2(240)	Original proposal number
AWARD_NUMBER	NULL	VARCHAR2(240)	Award number
PERSON_ID	NULL	VARCHAR2(240)	Person identifier
FULL_NAME	NULL	VARCHAR2(240)	Full name
LAST_NAME	NULL	VARCHAR2(240)	Last name
FIRST_NAME	NULL	VARCHAR2(240)	First name
MIDDLE_NAMES	NULL	VARCHAR2(240)	Middle name
TITLE	NULL	VARCHAR2(240)	Title, such as Mr., Mrs., or Dr.
SUFFIX	NULL	VARCHAR2(240)	Suffix after the last name, such as Sr., or Jr.
LAST_FIRST_MIDDLE_NAME	NULL	VARCHAR2(240)	Last name, first name, and middle name of the Administrative Official. Names are separated with commas.
FIRST_MIDDLE_LAST_NAME	NULL	VARCHAR2(240)	First name, middle name, and last name. Names are separated with commas.
DATE_OF_BIRTH	NULL	VARCHAR2(240)	Date of birth
NATIONAL_IDENTIFIER	NULL	VARCHAR2(240)	Social security number
SEX	NULL	VARCHAR2(240)	Gender
ETHNIC_GROUP	NULL	VARCHAR2(240)	Ethnic group
JOB_NAME	NULL	VARCHAR2(240)	Job name
DEGREES	NULL	VARCHAR2(240)	Degrees. Only the first three degrees are displayed.
ADDRESS_LINE1	NULL	VARCHAR2(240)	First address line
ADDRESS_LINE2	NULL	VARCHAR2(240)	Second address line
ADDRESS_LINE3	NULL	VARCHAR2(240)	Third address line
POSTAL_CODE	NULL	VARCHAR2(240)	Postal code
REGION_1	NULL	VARCHAR2(240)	Primary region in which the address is located
REGION_2	NULL	VARCHAR2(240)	Subregion of Region 1 in which the address is located
REGION_3	NULL	VARCHAR2(240)	Subregion of Region 2 in which the address is located
TOWN_OR_CITY	NULL	VARCHAR2(240)	Town or city
WORK_PHONE	NULL	VARCHAR2(240)	Work phone
WORK_FAX	NULL	VARCHAR2(240)	Work fax
EMAIL_ADDRESS	NULL	VARCHAR2(240)	E-mail address

IGW_PROPOSALS_ALL

IGW_PROPOSALS_ALL stores core information about proposals. Stored information includes proposal title, proposal start and end dates, applicant organization, applicant unit, and sponsor.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_LOOKUP_VALUES	LOOKUP_CODE	PROPOSAL_STATUS
FND_LOOKUP_VALUES	LOOKUP_CODE	PROPOSAL_TYPE_CODE
FND_LOOKUP_VALUES	LOOKUP_CODE	ACTIVITY_TYPE_CODE
FND_LOOKUP_VALUES	LOOKUP_CODE	NOTICE_OF_OPPORTUNITY_CODE
FND_LOOKUP_VALUES	LOOKUP_CODE	SPONSOR_ACTION_CODE
GMS_AWARDS_ALL	AWARD_NUMBER	AWARD_NUMBER
GMS_AWARDS_ALL	AWARD_NUMBER	ORIGINAL_AWARD_NUMBER
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	LEAD_ORGANIZATION_ID
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	SUBMITTING_ORGANIZATION_ID
PER_ALL_PEOPLE_F	PERSON_ID	SIGNING_OFFICIAL_ID
PER_ALL_PEOPLE_F	PERSON_ID	ADMIN_OFFICIAL_ID
RA_CUSTOMERS_	CUSTOMER_ID	SPONSOR_ID
RA_CUSTOMERS_	CUSTOMER_ID	ORIGINAL_SPONSOR_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTIVITY_TYPE_CODE	IGW_ACTIVITY_TYPES	FND_LOOKUPS
	1	Organized Research
	2	Instruction
	3	Fellowship
	4	Public Service
	5	Student Services
NOTICE_OF_OPPORTUNITY_CODE	6	Other
	IGW_OPPORTUNITY_NOTICE_TYPES	IGW_LOOKUPS
	PO	Program Officer
	PUB	Publication
	RFA	Request for Application (RFA)
PROPOSAL_STATUS	RFP	Request for Proposal (RFP)
	IGW_PROPOSAL_STATUS	IGW_LOOKUPS
	A	Approved
	I	Approval In-Progress
	P	In Progress
PROPOSAL_TYPE_CODE	R	Rejected
	IGW_PROPOSAL_TYPES	IGW_LOOKUPS
	1	New
	2	Competing Continuation
	3	Non-Competing Continuation
	4	Supplemental
	5	Revision
SPONSOR_ACTION_CODE	6	Renewal
	7	Accomplishment-Based Renewal
	IGW_SPONSOR_ACTION_CODE	IGW_LOOKUPS
	1	Pending for submission

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QuickCodes Columns (Continued)

Column	QuickCodes	Type	QuickCodes Table
	2		Funded
	3		Not Funded
	4		Revision Requested
	5		Held for funds availability
	6		Withdrawn
	7		Not Submitted
	8		Submitted
	9		Funding Anticipated

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NOT NULL	NUMBER(15)	Proposal identifier
PROPOSAL_NUMBER	NOT NULL	VARCHAR2(30)	Proposal number that uniquely identifies the proposal. Proposal number can be user-entered or system-generated as defined in the implementation options.
LEAD_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Applicant unit identifier. It is a foreign key to HR_ALL_ORGANIZATION_UNITS.
ORG_ID	NULL	NUMBER(15)	Operating unit identifier for multi-organization installations
PROPOSAL_STATUS	NOT NULL	VARCHAR2(1)	Status of the proposal. Possible values are P for In Progress, I for Approval In-Progress, A for Approved, and R for Rejected.
PROPOSAL_START_DATE	NOT NULL	DATE	Proposal start date
PROPOSAL_END_DATE	NOT NULL	DATE	Proposal end date
PROPOSAL_TITLE	NULL	VARCHAR2(250)	Detailed title of the proposal
PROPOSAL_TYPE_CODE	NOT NULL	VARCHAR2(30)	Type of proposal. The code is taken from IGW_PROPOSAL_TYPES lookup.
AWARD_NUMBER	NOT NULL	VARCHAR2(15)	Sponsor-assigned number used to identify funded proposal
AWARD_AMOUNT	NULL	NUMBER(15,2)	Amount awarded by the sponsor for the proposal
ORIGINAL_PROPOSAL_NUMBER	NULL	VARCHAR2(30)	Proposal number of the original proposal. Relevant for a continuation or a renewal.
ORIGINAL_AWARD_NUMBER	NOT NULL	VARCHAR2(15)	Award number of the original proposal. Relevant for a continuation or a renewal.
ORIGINAL_PROPOSAL_START_DATE	NULL	DATE	Original start date of the proposal. Relevant for a continuation or a renewal.
ORIGINAL_PROPOSAL_END_DATE	NULL	DATE	Original end date of the proposal. Relevant for a continuation or a renewal.
ACTIVITY_TYPE_CODE	NOT NULL	VARCHAR2(30)	Type of activity. The code is taken from IGW_ACTIVITY_TYPES lookup.
SPONSOR_ID	NOT NULL	NUMBER(15)	Sponsor identifier
FUNDING_SPONSOR_UNIT	NULL	VARCHAR2(45)	Unit of the sponsoring agency that evaluates and funds the proposal
ORIGINAL_SPONSOR_ID	NOT NULL	NUMBER(15)	Sponsor that ultimately funds the proposal

Column Descriptions (Continued)

Name	Null?	Type	Description
NOTICE_OF_OPPORTUNITY_CODE	NOT NULL	VARCHAR2(30)	Source of research opportunity information. The code is taken from IGW_OPPORTUNITY_NOTICE_TYPES lookup.
PROGRAM_NUMBER	NULL	VARCHAR2(30)	Program number of the funding opportunity
PROGRAM_TITLE	NULL	VARCHAR2(250)	Program title as mentioned in the notice of opportunity
PROGRAM_URL	NULL	VARCHAR2(240)	URL of the RFA or RFP
SPONSOR_PROPOSAL_NUMBER	NULL	VARCHAR2(30)	Proposal number as mentioned in the Sponsor's RFA or RFP
SPONSOR_ACTION_CODE	NOT NULL	VARCHAR2(30)	Action taken by the sponsor on the proposal. The code is taken from IGW_SPONSOR_ACTION_CODE lookup.
SPONSOR_ACTION_DATE	NULL	DATE	Date on which action has been taken by the sponsor
SUBMITTING_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Identifier for the organization that submits the application to the sponsor
SIGNING_OFFICIAL_ID	NOT NULL	NUMBER(15)	Identifier of person who signs proposal on behalf of applicant organization
ADMIN_OFFICIAL_ID	NOT NULL	NUMBER(15)	Identifier of person who approves proposal on behalf of applicant unit
DEADLINE_DATE	NULL	DATE	Last date for proposal submission
DEADLINE_TYPE	NULL	VARCHAR2(1)	Type of deadline for proposal submission. Possible values are P for Postmark and R for Receipt.
LETTER_OF_INTENT_DUE_DATE	NULL	DATE	Last date for submission of letter of intent
EDI_GENERATED_DATE	NULL	DATE	Date on which EDI is generated
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment

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Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
IGW_PROPOSALS_ALL_U1	UNIQUE	3	PROPOSAL_ID
IGW_PROPOSALS_ALL_U2	UNIQUE	5	PROPOSAL_NUMBER

Sequences

<u>Sequence</u>	<u>Derived Column</u>
IGW_PROPOSALS_ALL_S	PROPOSAL_ID

IGW_PROPOSAL_PERSONS_V

IGW_PROPOSAL_PERSONS_V displays details of the personnel involved on the proposal.

View Definition

```
CREATE VIEW IGW_PROPOSAL_PERSONS_V
as SELECT
    PPA.PROPOSAL_ID,
    ppa.proposal_number,
    PPP.PERSON_ID,
    PPP.PERSON_SEQUENCE,
    PAPF.FIRST_NAME,
    PAPF.MIDDLE_NAMES,
    PAPF.LAST_NAME,
    PAPF.FULL_NAME,
    PAPF.TITLE,
    PAPF.SUFFIX,
    PAPF.LAST_NAME || decode(PAPF.FIRST_NAME, NULL, NULL, ' ', '
| | PAPF.FIRST_NAME) || DECODE(PAPF.MIDDLE_NAMES, NULL, NULL, ' ', '
| | PAPF.MIDDLE_NAMES),
    PAPF.FIRST_NAME || DECODE(PAPF.MIDDLE_NAMES, NULL, NULL, ' '
| | PAPF.MIDDLE_NAMES) || ' '
| | PAPF.LAST_NAME || DECODE(PAPF.SUFFIX, NULL, NULL, ' ' | PAPF.SUFFIX),
    HAOU.NAME,
    IGW_REPORT_PROCESSING.GET_PROPOSAL_ROLE(PPP.PROPOSAL_ROLE_CODE),
    IGW_report_processing.get_person_degrees(ppp.person_id, PPA.proposal_id),
    IGW_report_processing.get_job_name(ppp.person_id),
    papf.date_of_Birth,
    papf.national_identifier SSN,
    ppp.pi_flag,
    ppp.key_person_flag,
    ppp.percent_effort
FROM HR_ALL_ORGANIZATION_UNITS HAOU,
    IGW_PROP_PERSONS PPP,
    PER_PEOPLE_X PAPF,
    IGW_PROPOSALS_ALL PPA
Where HAOU.ORGANIZATION_ID = PPA.LEAD_ORGANIZATION_ID AND
    PPP.PROPOSAL_ID = PPA.PROPOSAL_ID AND
    PAPF.PERSON_ID = PPP.PERSON_ID
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NULL	VARCHAR2(240)	Refer to base table.
PROPOSAL_NUMBER	NULL	VARCHAR2(240)	Refer to base table.
PERSON_ID	NULL	VARCHAR2(240)	Refer to base table.
PERSON_SEQUENCE	NULL	VARCHAR2(240)	Refer to base table.
FIRST_NAME	NULL	VARCHAR2(240)	Refer to base table.
MIDDLE_NAMES	NULL	VARCHAR2(240)	Refer to base table.
LAST_NAME	NULL	VARCHAR2(240)	Refer to base table.
FULL_NAME	NULL	VARCHAR2(240)	Refer to base table.
TITLE	NULL	VARCHAR2(240)	Refer to base table.
SUFFIX	NULL	VARCHAR2(240)	Refer to base table.

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Column Descriptions (Continued)

Name	Null?	Type	Description
LAST_FIRST_MIDDLE_NAME	NULL	VARCHAR2(240)	Refer to base table.
FIRST_MIDDLE_LAST_NAME	NULL	VARCHAR2(240)	Refer to base table.
ORGANIZATION_NAME	NULL	VARCHAR2(240)	Refer to base table.
ROLE_NAME	NULL	VARCHAR2(240)	Refer to base table.
DEGREES	NULL	VARCHAR2(240)	Refer to base table.
JOB_NAME	NULL	VARCHAR2(240)	Refer to base table.
BIRTH_DATE	NULL	VARCHAR2(240)	Refer to base table.
SSN	NULL	VARCHAR2(240)	Refer to base table.
PI_FLAG	NULL	VARCHAR2(240)	Refer to base table.
KEY_PERSON_FLAG	NULL	VARCHAR2(240)	Refer to base table.
PERCENT_EFFORT	NULL	VARCHAR2(240)	Refer to base table.

IGW_PROP_ABSTRACTS

IGW_PROP_ABSTRACTS stores paragraph and resource information included in the proposal.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_LOOKUP_TYPES	LOOKUP_TYPE	ABSTRACT_TYPE
FND_LOOKUP_VALUES	LOOKUP_CODE	ABSTRACT_TYPE_CODE
	LOOKUP_TYPE	ABSTRACT_TYPE
IGW_PROPOSALS_ALL	PROPOSAL_ID	PROPOSAL_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ABSTRACT_TYPE_CODE	IGW_ABSTRACT_TYPES	IGW_LOOKUPS
	A	Abstract
	B	Project Description
	B.2	Specific Aims
	B.6	Bibliography/References
	C.1	Budget Justification
	E.4	Program Income
	E.7	Cover Letter
	I	Progress Report
	I.5	Unobligated Balance
	I.6	Inventions
	I.7	Significant Rebudgeting
	IGW1	Major Goals
	IGW2	Progress Report (Continued)

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NOT NULL	NUMBER(15)	Proposal identifier
ABSTRACT_TYPE	NOT NULL	VARCHAR2(30)	Lookup type that distinguishes paragraph and resource types. Possible values are IGW_ABSTRACT_TYPES and IGW_RESOURCE_TYPES.
ABSTRACT_TYPE_CODE	NOT NULL	VARCHAR2(30)	Paragraph or Resource types. The code is taken from IGW_ABSTRACT_TYPES or IGW_RESOURCE_TYPES lookups.
ABSTRACT	NOT NULL	VARCHAR2(4000)	Paragraph or resource details
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment

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Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
IGW_PROP_ABSTRACTS_U1	UNIQUE	5	PROPOSAL_ID
		6	ABSTRACT_TYPE_CODE

IGW_PROP_APPROVAL_RUNS

IGW_PROP_APPROVAL_RUNS stores the history of every proposal approval process invoked for approving a proposal. This table contains the status of the proposal approval process, which can have the values of In-Progress, Approved, Rejected, or Error.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_PROPOSALS_ALL	PROPOSAL_ID	PROPOSAL_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
STATUS_CODE	IGW_PROPOSAL_STATUS	IGW_LOOKUPS
	A	Approved
	I	Approval In-Progress
	P	In Progress
	R	Rejected

Column Descriptions

Name	Null?	Type	Description
RUN_ID (PK)	NOT NULL	NUMBER(15)	Run identifier
PROPOSAL_ID	NOT NULL	NUMBER(15)	Proposal identifier
RUN_NUMBER	NOT NULL	NUMBER(4)	Run or invocation sequence number of the proposal approval process. It starts with 1 for each proposal and is incremented by 1 for each invocation of the proposal approval process.
STATUS_CODE	NOT NULL	VARCHAR2(30)	Status of the proposal approval. Possible values are I for Approval in Progress, A for Approved, R for Rejected, or E for Error.
STATUS_DATE	NULL	DATE	Date corresponding to the status

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_PROP_APPROVAL_RUNS_U1	UNIQUE	5	RUN_ID
IGW_PROP_APPROVAL_RUNS_U2	UNIQUE	1	PROPOSAL_ID
		2	RUN_NUMBER

IGW_PROP_COMMENTS

IGW_PROP_COMMENTS stores comments made by users on proposals.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_PROPOSALS_ALL	PROPOSAL_ID	PROPOSAL_ID

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID (PK)	NOT NULL	NUMBER(15)	Proposal identifier
COMMENT_ID (PK)	NOT NULL	NUMBER(10)	Comment identifier
COMMENTS	NOT NULL	VARCHAR2(4000)	Comments about the proposal
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who Column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
CREATION_DATE	NOT NULL	DATE	Standard Who Column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who Column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who Column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_PROP_COMMENTS_U1	UNIQUE	1	PROPOSAL_ID
		2	COMMENT_ID

Sequences

Sequence	Derived Column
IGW_PROP_COMMENTS_S	COMMENT_ID

IGW_PROP_COMPONENT_STATUSES

IGW_PROP_COMPONENT_STATUSES stores status information about budget and narrative components of a proposal. It helps the user decide whether a proposal is ready to be submitted for approval.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_LOOKUP_VALUES	LOOKUP_CODE	NARRATIVE_TYPE_CODE
FND_LOOKUP_VALUES	LOOKUP_CODE	NARRATIVE_SUBMISSION_CODE
IGW_PROPOSALS_ALL	PROPOSAL_ID	PROPOSAL_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
NARRATIVE_SUBMISSION_CODE	IGW_NARRATIVE_SUBMISS_TYPES	IGW_LOOKUPS
	BM	By Mail
	CF	Courier
	DA	File Upload
	EL	Electronic Only
	EM	E-Mail
	FX	By Fax
NARRATIVE_TYPE_CODE	IA	Electronic Image
	IGW_NARRATIVE_TYPES	IGW_LOOKUPS
	AE	Attachment
	C1	Cost Data Summary
	SD	Support data for a Request for Quote

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID (PK)	NOT NULL	NUMBER(15)	Proposal identifier
BUDGET_STATUS	NULL	VARCHAR2(1)	Budget status. N means None, I means Incomplete, and C means Complete.
NARRATIVE_STATUS	NULL	VARCHAR2(1)	Narrative questions status. N means None, I means Incomplete, and C means Complete.
NARRATIVE_TYPE_CODE	NOT NULL	VARCHAR2(30)	Narrative Type. Code is taken from IGW_NARRATIVE_TYPES lookup.
NARRATIVE_SUBMISSION_CODE	NOT NULL	VARCHAR2(30)	Narrative submission type. Code is taken from IGW_NARRATIVE_SUBMISS_TYPES lookup.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_PROP_COMPONENT_STATUS_U1	UNIQUE	5	PROPOSAL_ID

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IGW_PROP_LOCATIONS

IGW_PROP_LOCATIONS stores information about the performing sites and locations where the proposal activity will be conducted. Several performing sites can exist for a given proposal.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	PERFORMING_ORGANIZATION_ID
IGW_PROPOSALS_ALL	PROPOSAL_ID	PROPOSAL_ID

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID (PK)	NOT NULL	NUMBER(15)	Proposal identifier
PERFORMING_ORGANIZATION_ID (PK)	NOT NULL	NUMBER(15)	Locations or sites where the proposal activity will be carried out
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_PROP_LOCATIONS_U1	UNIQUE	1	PROPOSAL_ID
		2	PERFORMING_ORGANIZATION_ID

IGW_PROP_MAPS

IGW_PROP_MAPS stores details of maps used for a specific proposal. The map details are stored for each approval run for a proposal. The name of the map (DESCRIPTION) is copied from the IGW_ORG_MAP_ALL table when the proposal is submitted for approval.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_PROP_APPROVAL_RUNS	RUN_ID	RUN_ID

Column Descriptions

Name	Null?	Type	Description
PROP_MAP_ID (PK)	NOT NULL	NUMBER(15)	Identifier for each map in a proposal approval run
PROPOSAL_ID	NOT NULL	NUMBER(15)	Proposal identifier
DESCRIPTION	NOT NULL	VARCHAR2(200)	Name of map
MAP_TYPE	NOT NULL	VARCHAR2(1)	Type of the map. R means Routing and N means Notification.
MAP_SEQUENCE_NUMBER	NOT NULL	NUMBER(4)	Number that indicates the order in which the map is invoked for proposal approval
RUN_ID	NOT NULL	NUMBER(15)	Run identifier
APPROVAL_STATUS	NULL	VARCHAR2(1)	Approval status of the map. A means Approved, R means Rejected, S means Submitted, and W means Waiting for approval.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_PROP_MAPS_U1	UNIQUE	5	PROP_MAP_ID

IGW_PROP_MAP_STOPS

IGW_PROP_MAP_STOPS stores personnel information for each map in the IGW_PROP_MAPS table during proposal approval. It includes information such as submission date, approval date, and approval status.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_PROP_MAPS	PROP_MAP_ID	PROP_MAP_ID

Column Descriptions

Name	Null?	Type	Description
PROP_MAP_ID (PK)	NOT NULL	NUMBER(15)	Identifier for each map in a proposal approval run
STOP_ID (PK)	NOT NULL	NUMBER(4)	Stop identifier
USER_NAME (PK)	NOT NULL	VARCHAR2(100)	Application user name of the approver or the person to whom notification is sent
WF_ROLE_NAME	NULL	VARCHAR2(100)	Workflow role name. Submit for approval process assigns a role to each stop in a map used by the process. The role is named IGW-X-Y-Z where X is the run identifier, Y is the map identifier, and Z is the stop identifier for routing maps and IGW-X-0-0 where X is the run Identifier for notification maps.
WF_DISPLAY_ROLE_NAME	NOT NULL	VARCHAR2(200)	Display name for WF_ROLE_NAME field
APPROVER_TYPE	NULL	VARCHAR2(1)	Type of approver in the map. P means Primary and A means Alternate.
APPROVAL_STATUS	NULL	VARCHAR2(1)	Approval status for the user. A means Approved, R means Rejected, W means Waiting for approval, and S means Submitted.
SUBMISSION_DATE	NULL	DATE	date user was notified or the proposal submitted for approval
APPROVAL_DATE	NULL	DATE	Date when proposal is approved or rejected
COMMENTS	NULL	VARCHAR2(2000)	Comments entered by user in the Note field while approving or rejecting the proposal
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_PROP_MAP_STOPS_U1	UNIQUE	1	PROP_MAP_ID
		2	STOP_ID
		3	USER_NAME

IGW_PROP_NARRATIVES

IGW_PROP_NARRATIVES stores information about proposal narratives. It includes information such as module title, module status, name, address, and e-mail of the person responsible for the specific module. A narrative can be in one of several allowable formats and can be attached to a specific module.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_PROPOSALS_ALL	PROPOSAL_ID	PROPOSAL_ID

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID (PK)	NOT NULL	NUMBER(15)	Proposal identifier
MODULE_ID (PK)	NOT NULL	NUMBER(10)	Module identifier
MODULE_TITLE	NOT NULL	VARCHAR2(250)	Title of module
MODULE_STATUS	NOT NULL	VARCHAR2(1)	Status of module. Possible values are C for complete and I for Incomplete.
CONTACT_NAME	NULL	VARCHAR2(30)	Contact person for the module
PHONE_NUMBER	NULL	VARCHAR2(30)	Phone number of contact person for the module
EMAIL_ADDRESS	NULL	VARCHAR2(60)	E-mail of contact person for the module
COMMENTS	NULL	VARCHAR2(250)	Comments about module
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_NARRATIVE_U1	UNIQUE	1	PROPOSAL_ID
		2	MODULE_ID

Sequences

Sequence	Derived Column
IGW_PROP_NARRATIVES_S	MODULE_ID

IGW_PROP_PERSONS

IGW_PROP_PERSONS stores information about personnel included on the proposal. The role of personnel on the proposal and their estimated effort is specified. PI_FLAG identifies the Proposal Manager and KEY_PERSON_FLAG identifies key personnel on the proposal.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_LOOKUP_VALUES	LOOKUP_CODE	PROPOSAL_ROLE_CODE
HR_ALL_ORGANIZATION_UNITS	ORGANIZATION_ID	PERSON_ORGANIZATION_ID
IGW_PROPOSALS_ALL	PROPOSAL_ID	PROPOSAL_ID
PER_ALL_PEOPLE_F	PERSON_ID	PERSON_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
PROPOSAL_ROLE_CODE	IGW_PROPOSAL_ROLE_TYPES	IGW_LOOKUPS
	9S	Co-Principal Investigator
	AD	Administrative Staff
	DC	Post Doctoral
	FL	Fellow
	GR	Graduate Students
	LT	Lab Technician
	OP	Other Professionals
	OT	Other
	PI	Principal Investigator
	PR	Programmer
	RA	Research Assistant
	RF	Referee
	SC	Staff Scientist
	SP	Senior Personnel
	ST	Statistician
	SU	Supportee
	TC	Technician
	UG	Undergraduate Students

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID (PK)	NOT NULL	NUMBER(15)	Proposal identifier
PERSON_ID (PK)	NOT NULL	NUMBER(15)	Person identifier
PERSON_SEQUENCE	NULL	NUMBER(3)	Order in which personnel records are entered
PROPOSAL_ROLE_CODE	NOT NULL	VARCHAR2(30)	Role of person on the proposal. Code is taken from IGW_PROPOSAL_ROLE_TYPES lookup.
PI_FLAG	NULL	VARCHAR2(1)	Proposal Manager indicator. Possible values are Y or N.
KEY_PERSON_FLAG	NULL	VARCHAR2(1)	Flag indicates whether the person has a key responsibility in the proposal. Possible values are Y or N.
PERCENT Effort	NULL	NUMBER(5,2)	Percentage effort the person is putting on the proposal



Column Descriptions (Continued)

Name	Null?	Type	Description
PERSON_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Organization with which the person is associated
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_PROP_PERSONS_U1	UNIQUE	1	PROPOSAL_ID
		2	PERSON_ID

IGW_PROP_PERSON_BIOSKETCH

IGW_PROP_PERSON_BIOSKETCH stores information about a person's biosketch for a proposal. This information is printed in the proposal. SHOW_FLAG determines whether the line is printed in the proposal to be submitted or left out. The default line sequence that appears can be changed by the user.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_PERSON_BIOSKETCH	PERSON_BIOSKETCH_ID	PERSON_BIOSKETCH_ID
IGW_PROP_PERSONS	PROPOSAL_ID	PROPOSAL_ID

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID (PK)	NOT NULL	NUMBER(15)	Proposal identifier
PERSON_BIOSKETCH_ID (PK)	NOT NULL	NUMBER(10)	Person biosketch line identifier
SHOW_FLAG	NOT NULL	VARCHAR2(1)	Flag determines whether to print this line of biosketch in the proposal. Possible values are Y and N.
LINE_SEQUENCE	NOT NULL	NUMBER(4)	Biosketch line sequence for the proposal
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_PROP_PERSON_BIOSKETCH_U1	UNIQUE	1	PROPOSAL_ID
		2	PERSON_BIOSKETCH_ID

IGW_PROP_PERSON_DEGREES

IGW_PROP_PERSON_DEGREES stores information about a person's degrees for a proposal. SHOW_FLAG determines whether the line is printed in the proposal or left out.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_PERSON_DEGREES	PERSON_DEGREE_ID	PERSON_DEGREE_ID
IGW_PROP_PERSONS	PROPOSAL_ID	PROPOSAL_ID

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID (PK)	NOT NULL	NUMBER(15)	Proposal identifier
PERSON_DEGREE_ID (PK)	NOT NULL	NUMBER(10)	Person degree identifier
SHOW_FLAG	NOT NULL	VARCHAR2(1)	Flag determines whether to print this degree in the proposal. Possible values are Y and N.
DEGREE_SEQUENCE	NOT NULL	NUMBER(2)	Sequence in which the degrees appear on screen and in the proposal
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_PROP_PERSON_DEGREES_U1	UNIQUE	1	PROPOSAL_ID
		2	PERSON_DEGREE_ID

IGW_PROP_PERSON_QUESTIONS

IGW_PROP_PERSON_QUESTIONS stores answers to questions about an individual. It also includes an explanation and review date for answers.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_PROP_PERSONS	PROPOSAL_ID PERSON_ID	PROPOSAL_ID PERSON_ID
IGW_QUESTIONS	QUESTION_NUMBER	QUESTION_NUMBER

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID (PK)	NOT NULL	NUMBER(15)	Proposal identifier
PERSON_ID (PK)	NOT NULL	NUMBER(15)	Person identifier
QUESTION_NUMBER (PK)	NOT NULL	VARCHAR2(5)	Question number
ANSWER	NULL	VARCHAR2(1)	Answer to question. Possible values are 1 for Yes, 2 for No, and 3 for Not Applicable.
EXPLANATION	NULL	VARCHAR2(800)	Explanation for answer
REVIEW_DATE	NULL	DATE	Review date for answer
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_PROP_PERSON_YNQ_U1	UNIQUE	1	PROPOSAL_ID
		2	PERSON_ID
		3	QUESTION_NUMBER

IGW_PROP_PERSON_SUPPORT

IGW_PROP_PERSON_SUPPORT stores information about other sources of support available or pending for personnel on a proposal. It also stores information about sponsors, award or proposal amount, and the Proposal Manager for the support.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_PROP_PERSONS	PROPOSAL_ID PERSON_ID	PROPOSAL_ID PERSON_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
SUPPORT_TYPE	IGW_SUPPORT_TYPES A L P	IGW_LOOKUPS Active Completed in last 3 years Pending

Column Descriptions

Name	Null?	Type	Description
PROP_PERSON_SUPPORT_ID	NOT NULL	NUMBER(15)	Proposal person other support identifier
PROPOSAL_ID	NOT NULL	NUMBER(15)	Proposal identifier
PERSON_ID	NOT NULL	NUMBER(15)	Person identifier
SUPPORT_TYPE	NOT NULL	VARCHAR2(30)	Type of support for award or proposal. Possible values are P for Pending, A for Active, and L for awards completed in the last three years.
PROPOSAL_AWARD_ID	NULL	NUMBER(15)	Proposal or award identifier
PROPOSAL_AWARD_NUMBER	NULL	VARCHAR2(30)	Proposal or award number
PROPOSAL_AWARD_TITLE	NULL	VARCHAR2(250)	Proposal or award title
PI_PERSON_ID	NULL	NUMBER(15)	Principle investigator identifier for proposal or award under consideration
SPONSOR_ID	NULL	NUMBER(15)	Sponsor identifier
PROJECT_LOCATION	NULL	VARCHAR2(100)	Performing site
START_DATE	NULL	DATE	First effective date of award or proposal
END_DATE	NULL	DATE	Last effective date of award or proposal
PERCENT_EFFORT	NULL	NUMBER(5,2)	Percent effort by the person for the proposal or award
MAJOR_GOALS	NULL	VARCHAR2(250)	Major goals of the proposal
OVERLAP	NULL	VARCHAR2(250)	If other support proposal or award has any overlap with the proposal, then the nature of the overlap is reported here.
ANNUAL_DIRECT_COST	NULL	NUMBER(15,2)	Direct cost for the proposal or award
TOTAL_COST	NULL	NUMBER(15,2)	Total cost for the proposal or award
CALENDAR_START_DATE	NULL	DATE	Calendar start date, of work on the proposal or award by person
CALENDAR_END_DATE	NULL	DATE	Calendar end date of work on the proposal or award by person

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Column Descriptions (Continued)

Name	Null?	Type	Description
ACADEMIC_START_DATE	NULL	DATE	Academic start date of work on the proposal or award by person
ACADEMIC_END_DATE	NULL	DATE	Academic end date of work on the proposal or award by person
SUMMER_START_DATE	NULL	DATE	Summer start date of work on the proposal or award by person
SUMMER_END_DATE	NULL	DATE	Summer end date of work on the proposal or award by person
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column
ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Descriptive Flexfield structure defining column
ATTRIBUTE1	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE2	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE3	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE4	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE5	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE6	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE7	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE8	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE9	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE10	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE11	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE12	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE13	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE14	NULL	VARCHAR2(150)	Descriptive Flexfield segment
ATTRIBUTE15	NULL	VARCHAR2(150)	Descriptive Flexfield segment

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_PROP_PERSON_SUPPORT_U1	UNIQUE	5	PROP_PERSON_SUPPORT_ID

Sequences

Sequence	Derived Column
IGW_PROP_PERSON_SUPPORT_S	PROP_PERSON_SUPPORT_ID

IGW_PROP_PROGRAM_ADDRESSES

IGW_PROP_PROGRAM_ADDRESSES stores mailing addresses for the proposal. The number of proposal copies to be submitted and other mailing details are also stored.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_PROPOSALS_ALL	PROPOSAL_ID	PROPOSAL_ID
RA_ADDRESSES_ALL_	ADDRESS_ID	ADDRESS_ID

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID (PK)	NOT NULL	NUMBER(15)	Proposal identifier
ADDRESS_ID (PK)	NOT NULL	NUMBER(15)	Mailing address identifier
NUMBER_OF_COPIES	NULL	NUMBER(3)	Number of proposal copies to be submitted to the mailing address
MAIL_DESCRIPTION	NULL	VARCHAR2(1000)	Mailing instructions or description
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_PROP_PGM_ADDRESSES_U1	UNIQUE	1	PROPOSAL_ID
		2	ADDRESS_ID

IGW_PROP_QUESTIONS

IGW_PROP_QUESTIONS stores answers to questions about a proposal. It also includes an explanation and review date for answers.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_PROPOSALS_ALL	PROPOSAL_ID	PROPOSAL_ID
IGW_QUESTIONS	QUESTION_NUMBER	QUESTION_NUMBER

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID (PK)	NOT NULL	NUMBER(15)	Proposal identifier
QUESTION_NUMBER (PK)	NOT NULL	VARCHAR2(5)	Question number
ANSWER	NULL	VARCHAR2(1)	Answer to question. Possible values are 1 for Yes, 2 for No, and 3 for Not Applicable.
EXPLANATION	NULL	VARCHAR2(800)	Explanation for the answer
REVIEW_DATE	NULL	DATE	Date answer was reviewed
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_PROP_QUESTIONS_U1	UNIQUE	1	PROPOSAL_ID
		2	QUESTION_NUMBER

IGW_PROP_RATES

IGW_PROP_RATES stores rates that override the ones defined in setup. These rates are specific for a budget version. For overhead, employee benefits, or inflation calculations, rates defined in this table are applied instead of those defined in setup.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_BUDGETS	PROPOSAL_ID VERSION_ID	PROPOSAL_ID VERSION_ID
IGW_RATE_TYPES	RATE_CLASS_ID RATE_TYPE_ID	RATE_CLASS_ID RATE_TYPE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
ACTIVITY_TYPE_CODE	IGW_ACTIVITY_TYPES	FND_LOOKUPS
	1	Organized Research
	2	Instruction
	3	Fellowship
	4	Public Service
	5	Student Services
	6	Other

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID (PK)	NOT NULL	NUMBER(15)	Proposal identifier
VERSION_ID (PK)	NOT NULL	NUMBER(4)	Identifier for a budget version
RATE_CLASS_ID (PK)	NOT NULL	NUMBER(10)	Rate class identifier
RATE_TYPE_ID (PK)	NOT NULL	NUMBER(10)	Rate type identifier
FISCAL_YEAR (PK)	NOT NULL	VARCHAR2(4)	Fiscal year
LOCATION_CODE (PK)	NOT NULL	VARCHAR2(30)	Indicates the location. Values are taken from the lookups IGW_LOCATION.
ACTIVITY_TYPE_CODE (PK)	NOT NULL	VARCHAR2(30)	Activity type. Values are taken from the lookups IGW_ACTIVITY_TYPES.
START_DATE	NOT NULL	DATE	First effective start date for the overriding rate
APPLICABLE_RATE	NOT NULL	NUMBER(5,2)	Overriding rate associated with a particular rate class, rate type, activity type, location, and fiscal year for budgeting purposes
INSTITUTE_RATE	NULL	NUMBER(5,2)	Setup rate associated with a particular rate class, rate type, activity type, location, and fiscal year for budgeting purposes
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column



Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
IGW_PROP_RATES_U1	UNIQUE	1	PROPOSAL_ID
		2	VERSION_ID
		3	RATE_CLASS_ID
		4	RATE_TYPE_ID
		5	FISCAL_YEAR
		6	LOCATION_CODE
		7	ACTIVITY_TYPE_CODE

IGW_PROP_SCIENCE_CODES

IGW_PROP_SCIENCE_CODES stores keywords used in preparing the proposal. Keywords must be predefined in the IGW_SCIENCE_CODES table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_PROPOSALS_ALL	PROPOSAL_ID	PROPOSAL_ID
IGW_SCIENCE_CODES	SCIENCE_CODE	SCIENCE_CODE

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID (PK)	NOT NULL	NUMBER(15)	Proposal identifier
SCIENCE_CODE (PK)	NOT NULL	VARCHAR2(15)	Keywords used in preparing the proposal
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_PROP_SCIENCE_CODES_U1	UNIQUE	1	PROPOSAL_ID
		2	SCIENCE_CODE

IGW_PROP_SPECIAL_REVIEWS

IGW_PROP_SPECIAL_REVIEWS stores information regarding full or expedited special reviews conducted for the proposal. A special review can relate to human subjects or vertebrate animals. For an approved special review, the protocol number must be entered.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_LOOKUP_VALUES	LOOKUP_CODE	SPECIAL_REVIEW_CODE
FND_LOOKUP_VALUES	LOOKUP_CODE	SPECIAL_REVIEW_TYPE
FND_LOOKUP_VALUES	LOOKUP_CODE	APPROVAL_TYPE_CODE
IGW_PROPOSALS_ALL	PROPOSAL_ID	PROPOSAL_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
APPROVAL_TYPE_CODE	IGW_REVIEW_APPROVAL_TYPES	IGW_LOOKUPS
	1	Pending
	2	Approved
	3	Rejected
SPECIAL_REVIEW_CODE	IGW_SPECIAL_REVIEWS	IGW_LOOKUPS
	1	Human Subjects
	2	Vertebrate Animals
	3	Radioisotopes
	4	Recombinant DNA
	5	Hazardous Material
SPECIAL_REVIEW_TYPE	IGW_SPECIAL_REVIEW_TYPES	IGW_LOOKUPS
	E	Expedited
	F	Full

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID (PK)	NOT NULL	NUMBER(15)	Proposal identifier
SPECIAL_REVIEW_CODE (PK)	NOT NULL	VARCHAR2(30)	Special reviews carried out on the proposal. Code is taken from IGW_SPECIAL_REVIEWS lookup.
SPECIAL_REVIEW_TYPE	NOT NULL	VARCHAR2(1)	Type of special review. Code is taken from IGW_SPECIAL_REVIEW_TYPES lookup.
APPROVAL_TYPE_CODE	NOT NULL	VARCHAR2(30)	Special review approval type. Code is taken from IGW_REVIEW_APPROVAL_TYPES lookup.
PROTOCOL_NUMBER	NULL	VARCHAR2(8)	Protocol number for approved special reviews
APPLICATION_DATE	NULL	DATE	Date on which special review was submitted
APPROVAL_DATE	NULL	DATE	Date on which special review was approved
COMMENTS	NULL	VARCHAR2(4000)	Special review comments
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column

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Column Descriptions (Continued)

<u>Name</u>	<u>Null?</u>	<u>Type</u>	<u>Description</u>
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

<u>Index Name</u>	<u>Index Type</u>	<u>Sequence</u>	<u>Column Name</u>
IGW_PROP_SPECIAL_REVIEW_U1	UNIQUE	1	PROPOSAL_ID
		2	SPECIAL_REVIEW_CODE

IGW_PROP_USERS

IGW_PROP_USERS stores information about users who have access to a proposal. The columns START_DATE_ACTIVE and END_DATE_ACTIVE determine whether the user is currently active.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
FND_USER	USER_ID	USER_ID
IGW_PROPOSALS_ALL	PROPOSAL_ID	PROPOSAL_ID

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID (PK)	NOT NULL	NUMBER(15)	Proposal identifier
USER_ID (PK)	NOT NULL	NUMBER(15)	User identifier for users of the proposal
START_DATE_ACTIVE	NOT NULL	DATE	Effective start date for users of the proposal
END_DATE_ACTIVE	NULL	DATE	Effective end date for users of the proposal
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_PROP_USERS_U1	UNIQUE	1	PROPOSAL_ID
		2	USER_ID

IGW_PROP_USER_ROLES

IGW_PROP_USER_ROLES stores roles assigned to the user for accessing the proposal. These roles are used for security purposes and determine the level of access given to a user.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_PROP_USERS	PROPOSAL_ID USER_ID	PROPOSAL_ID USER_ID
IGW_ROLES	ROLE_ID	ROLE_ID

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID (PK)	NOT NULL	NUMBER(15)	Proposal identifier
USER_ID (PK)	NOT NULL	NUMBER(15)	User identifier
ROLE_ID (PK)	NOT NULL	NUMBER(10)	Role identifier
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_PROP_USER_ROLES_U1	UNIQUE	1	PROPOSAL_ID
		2	USER_ID
		3	ROLE_ID

IGW_PRPO_ABSTRACTS_V

IGW_PRPO_ABSTRACTS_V displays proposal paragraphs like abstract and progress report. Each paragraph is formatted into ten fields each of 400 characters. This view is used in generating a flat file for Electronic Data Interchange.

View Definition

```
CREATE VIEW IGW_PRPO_ABSTRACTS_V
as SELECT
    proposal_id,
    abstract_type_code,
    meaning,
    substr(abstract,1,400),
    substr(abstract,401,400),
    substr(abstract,801,400),
    substr(abstract,1201,400),
    substr(abstract,1601,400),
    substr(abstract,2001,400),
    substr(abstract,2401,400),
    substr(abstract,2801,400),
    substr(abstract,3201,400) ,
    substr(abstract,3601,400)
from igw_prop_abstracts ABS,
    igw_lookups_v VALS
Where (ABS.abstract_type_code = VALS.lookup_code and
    VALS.lookup_type = 'IGW_ABSTRACT_TYPES' and
    ABS.abstract_type = 'IGW_ABSTRACT_TYPES') or
    (ABS.abstract_type_code = VALS.lookup_code and
    VALS.lookup_type = 'IGW_RESOURCE_TYPES' and
    ABS.abstract_type = 'IGW_RESOURCE_TYPES')
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NOT NULL	NUMBER(15)	Refer to base table.
ABSTRACT_CODE	NOT NULL	VARCHAR2(30)	Refer to base table.
ABSTRACT_TYPE	NOT NULL	VARCHAR2(80)	Refer to base table.
ABSTRACT_TEXT1	NULL	VARCHAR2(1200)	Refer to base table.
ABSTRACT_TEXT2	NULL	VARCHAR2(1200)	Refer to base table.
ABSTRACT_TEXT3	NULL	VARCHAR2(1200)	Refer to base table.
ABSTRACT_TEXT4	NULL	VARCHAR2(1200)	Refer to base table.
ABSTRACT_TEXT5	NULL	VARCHAR2(1200)	Refer to base table.
ABSTRACT_TEXT6	NULL	VARCHAR2(1200)	Refer to base table.
ABSTRACT_TEXT7	NULL	VARCHAR2(1200)	Refer to base table.
ABSTRACT_TEXT8	NULL	VARCHAR2(1200)	Refer to base table.
ABSTRACT_TEXT9	NULL	VARCHAR2(1200)	Refer to base table.
ABSTRACT_TEXT10	NULL	VARCHAR2(1200)	Refer to base table.

IGW_PRPO_BIOSKETCH_DEGREES_V

IGW_PRPO_BIOSKETCH_DEGREES_V displays a person's educational background. This information includes date of graduation, degree type, and area of specialization. This view is used in generating a flat file for Electronic Data Interchange.

View Definition

```
CREATE VIEW IGW_PRPO_BIOSKETCH_DEGREES_V
as SELECT
    pppd.proposal_id,
    pppd.person_id,
    pppd.degree_type_code,
    pppd.graduation_date,
    pppd.degree,
    pppd.field_of_study,
    pppd.specialization,
    pppd.school_name ,
    pppd.attribute_category,
    pppd.attribute1,
    pppd.attribute2,
    pppd.attribute3,
    pppd.attribute4,
    pppd.attribute5,
    pppd.attribute6,
    pppd.attribute7,
    pppd.attribute8,
    pppd.attribute9,
    pppd.attribute10,
    pppd.attribute11,
    pppd.attribute12,
    pppd.attribute13,
    pppd.attribute14,
    pppd.attribute15
from IGW_prop_person_degrees pppd,
     IGW_person_degrees pppd
  Where pppd.person_degree_id = pppd.person_degree_id
     and pppd.show_flag = 'Y'
order by pppd.person_id, pppd.degree_sequence
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NOT NULL	NUMBER(15)	Refer to base table.
PERSON_ID	NOT NULL	NUMBER(15)	Refer to base table.
DEGREE_CODE	NOT NULL	VARCHAR2(30)	Refer to base table.
DEGREE_TIME_PERIOD	NOT NULL	DATE	Refer to base table.
DEGREE_DESCRIPTION	NOT NULL	VARCHAR2(80)	Refer to base table.
FIELD_OF_STUDY	NULL	VARCHAR2(80)	Refer to base table.
AREA_OF_SPECIALIZATION	NULL	VARCHAR2(80)	Refer to base table.
EDUCATIONAL_INSTITUTION	NULL	VARCHAR2(100)	Refer to base table.
BIO_DEGREE_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Refer to base table.
BIO_DEGREE_ATTRIBUTE1	NULL	VARCHAR2(150)	Refer to base table.
BIO_DEGREE_ATTRIBUTE2	NULL	VARCHAR2(150)	Refer to base table.

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Column Descriptions (Continued)

Name	Null?	Type	Description
BIO_DEGREE_ATTRIBUTE3	NULL	VARCHAR2(150)	Refer to base table.
BIO_DEGREE_ATTRIBUTE4	NULL	VARCHAR2(150)	Refer to base table.
BIO_DEGREE_ATTRIBUTE5	NULL	VARCHAR2(150)	Refer to base table.
BIO_DEGREE_ATTRIBUTE6	NULL	VARCHAR2(150)	Refer to base table.
BIO_DEGREE_ATTRIBUTE7	NULL	VARCHAR2(150)	Refer to base table.
BIO_DEGREE_ATTRIBUTE8	NULL	VARCHAR2(150)	Refer to base table.
BIO_DEGREE_ATTRIBUTE9	NULL	VARCHAR2(150)	Refer to base table.
BIO_DEGREE_ATTRIBUTE10	NULL	VARCHAR2(150)	Refer to base table.
BIO_DEGREE_ATTRIBUTE11	NULL	VARCHAR2(150)	Refer to base table.
BIO_DEGREE_ATTRIBUTE12	NULL	VARCHAR2(150)	Refer to base table.
BIO_DEGREE_ATTRIBUTE13	NULL	VARCHAR2(150)	Refer to base table.
BIO_DEGREE_ATTRIBUTE14	NULL	VARCHAR2(150)	Refer to base table.
BIO_DEGREE_ATTRIBUTE15	NULL	VARCHAR2(150)	Refer to base table.

IGW_PRPO_BIOSKETCH_V displays a person's biosketch information. This view is used in generating a flat file for Electronic Data Interchange.

View Definition

```
CREATE VIEW IGW_PRPO_BIOSKETCH_V
as SELECT
    PPPB.proposal_id,
    PPB.person_id,
    PPB.biosketch_type,
    VAL.meaning,
    PPB.line_description ,
    KEY.key_person_flag
from igw_prop_person_biosketch PPPB,
     igw_person_biosketch PPB ,
     igw_prop_persons KEY,
     igw_lookups_v VAL
Where PPPB.person_biosketch_id = PPB.person_biosketch_id and
      KEY.person_id = PPB.person_id and
      KEY.proposal_id = PPPB.proposal_id and
      PPB.enable_flag = 'Y' and
      PPPB.show_flag = 'Y' and
      VAL.lookup_code = PPB.biosketch_type and
      VAL.lookup_type = 'IGW_BIOSKETCH_TYPES'
order by PPB.person_id, PPB.biosketch_type, PPPB.line_sequence
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NOT NULL	NUMBER(15)	Refer to base table.
PERSON_ID	NOT NULL	NUMBER(15)	Refer to base table.
BIOSKETCH_TYPE_CODE	NOT NULL	VARCHAR2(30)	Refer to base table.
BIOSKETCH_TYPE	NOT NULL	VARCHAR2(80)	Refer to base table.
BIOSKETCH_DESCRIPTION	NOT NULL	VARCHAR2(500)	Refer to base table.
KEY_PERSON_FLAG	NULL	VARCHAR2(1)	Refer to base table.

IGW_PRPO_CATEGORY_AMTS_V

IGW_PRPO_CATEGORY_AMTS_V displays summary information about budget lines grouped by sponsor budget hierarchy. This view is used in generating a flat file for Electronic Data Interchange.

View Definition

```
CREATE VIEW IGW_PRPO_CATEGORY_AMTS_V
as SELECT
    ib.proposal_id
  ,   ib.budget_period_id
  ,   'CC'                period_type
  ,   ib.start_date
  ,   ir.proposal_budget_category_code
  ,   ir.proposal_budget_category
  ,   ir.proposal_budget_category    description
  ,   ir.period_total_direct_cost
  ,   12        period_months
  ,   null      percent_dollar_flag
  ,   ir.eb_total
from    igw_report_budget      ir
  ,     igw_budget_periods    ib
  ,     igw_budgets           ibd
where   ibd.proposal_id = ib.proposal_id
and     ibd.version_id = ib.version_id
and     ib.proposal_id = ir.proposal_id
and     ib.version_id = ir.version_id
and     ib.budget_period_id = ir.budget_period_id
and     ir.proposal_form_number = ibd.proposal_form_number
and     ir.proposal_budget_category_code IN (select budget_category_code
                                             from   igw_report_budget_seed
                                             where  proposal_form_number =

ibd.proposal_form_number

UNION
select  distinct proposal_budget_category_code
      from    igw_report_budget_seed
      where   proposal_form_number =

ibd.proposal_form_number)
union
select  ibp.proposal_id
  ,     ibp.budget_period_id
  ,     'CC'                period_type
  ,     ibp.start_date
  ,     ibd.budget_category_code
  ,     fl.meaning
  ,     ibd.line_item_description    description
  ,     ibd.line_item_cost
  ,     12        period_months
  ,     'DO'      percent_dollar_flag
  ,     null      eb_total
from    igw_budgets           ib
  ,     igw_budget_periods    ibp
  ,     igw_budget_details    ibd
  ,     fnd_lookups           fl
where   ib.proposal_id = ibp.proposal_id
```

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```
and      ib.final_version_flag = 'Y'
and      ib.version_id = ibp.version_id
and      ibp.proposal_id = ibd.proposal_id
and      ibp.version_id = ibd.version_id
and      ibp.budget_period_id = ibd.budget_period_id
and      ibd.budget_category_code = fl.lookup_code
and      fl.lookup_type = 'IGW_BUDGET_CATEGORY'
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NULL	NUMBER(15)	Refer to base table.
BUDGET_PERIOD_ID	NULL	NUMBER(4)	Refer to base table.
PERIOD_TYPE	NULL	VARCHAR2(2)	Refer to base table.
START_DATE	NULL	DATE	Refer to base table.
PROPOSAL_BUDGET_CATEGORY_CODE	NULL	VARCHAR2(30)	Refer to base table.
PROPOSAL_BUDGET_CATEGORY	NULL	VARCHAR2(80)	Refer to base table.
DESCRIPTION	NULL	VARCHAR2(250)	Refer to base table.
PERIOD_TOTAL_DIRECT_COST	NULL	NUMBER	Refer to base table.
PERIOD_MONTHS	NULL	NUMBER	Refer to base table.
PERCENT_DOLLAR_FLAG	NULL	VARCHAR2(2)	Refer to base table.
EB_TOTAL	NULL	NUMBER	Refer to base table.

IGW_PRPO_HEADERS_V

IGW_PRPO_HEADERS_V displays proposal core information that includes details about the Administrative Official, the Signing Official, special reviews, the applicant organization, the sponsor, and the budget summary. This view is used in generating a flat file for Electronic Data Interchange.

View Definition

```
CREATE VIEW IGW_PRPO_HEADERS_V
as SELECT
    'EDI',
    ETPD.test_flag,
    'PRPO',
    ETPD.document_type,
    'PRPO',
    ETPD.translator_code,
    RAA.ece_tp_location_code,
    ETPH.tp_description,
    ETPH.tp_reference_ext1,
    ETPH.tp_reference_ext2,
    SYSDATE TRANSACTION_DATE,
    ETPH.attribute_category,
    ETPH.attribute1,
    ETPH.attribute2,
    ETPH.attribute3,
    ETPH.attribute4,
    ETPH.attribute5,
    ETPH.attribute6 ,
    ETPH.attribute7,
    ETPH.attribute8,
    ETPH.attribute9,
    ETPH.attribute10,
    ETPH.attribute11,
    ETPH.attribute12,
    ETPH.attribute13,
    ETPH.attribute14,
    ETPH.attribute15,
    ETPD.attribute_category,
    ETPD.attribute1,
    ETPD.attribute2,
    ETPD.attribute3,
    ETPD.attribute4,
    ETPD.attribute5,
    ETPD.document_standard,
    PROP.proposal_id,
    PROP.proposal_number,
    to_char(RUN.status_date,'YYYYMMDD') ,
    to_char(RUN.status_date,'HHMISS') ,
    PROP.proposal_title,
    PROP.program_number Program_id_number,
    PROP.program_title,
    PROP.notice_of_opportunity_code ,
    LKUP.meaning,
```

```

PROP.original_proposal_number,
COMP.narrative_submission_code,
COMP.narrative_type_code,
PROP.award_number,
SO.last_name ,
SO.first_name ,
SO.middle_name ,
SO.prefix ,
SO.suffix ,
igw_extension_pkg.person_govt_id(SO.person_id),
SO.address_line1 ,
SO.address_line2 ,
SO.town_or_city ,
SO.region_2 ,
SO.postal_code,
SO.country ,
SO.region_1 ,
SO.title so_title,
SO.work_phone ,
SO.work_fax ,
SO.email_Address ,
AO.last_name ,
AO.first_name ,
AO.middle_name ,
AO.prefix ,
AO.suffix ,
    igw_extension_pkg.
person_govt_id(AO.person_id),
AO.address_line1 ,
AO.address_line2 ,
AO.town_or_city ,
AO.region_2 ,
AO.postal_code,
AO.country ,
AO.region_1 ,
AO.title ,
AO.work_phone ,
AO.work_fax ,
AO.email_Address ,
APORG.organization_name ,
APORG.address_line_1 ,
APORG.address_line_2 ,
APORG.address_line_3 ,
APORG.town_or_city ,
APORG.region_2 ,
APORG.postal_code,
APORG.country ,
APORG.region_1 ,
APORG.congress_district ,
APORG.duns_number ,
APORG.duns4_number,
APORG.dodaac_number,
APORG.cage_number,
APORG.tin,
APORG.ein,
APORG.ORG_IPF_CODE,
RAC.customer_name,

```

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```

RAA.address1 ,
RAA.address2 ,
RAA.city ,
RAA.state ,
RAA.postal_code,
RAA.country ,
RAA.county ,
PROP.funding_sponsor_unit,
RAC.duns_number,
PROP.proposal_start_date,
PROP.proposal_end_Date,
round(months_between(PROP.proposal_end_Date, PROP.proposal_start_date))
proposal_Duration,
BUD.total_cost,
BUD.total_direct_cost,
BUD.total_indirect_cost,
rate_applied indirect_cost_rate,
base_amount base_cost,
decode(ORGDT.agreement_date,null,'N','Y'),
ORGDT.agreement_date
ORGDT.negotiating_agreement_with ,
ORGDT.rate_established_with ,
ORGDT.rate_established_date,
ORGDT.human_exemption_number ,
ORGDT.human_assurance_number ,
ORGDT.animal_assurance_number ,
BUD.start_date,
BUD.end_Date,
round(months_between(BUD.end_Date, BUD.start_date)) ,
PROP.attribute_category,
PROP.attribute1,
PROP.attribute2,
PROP.attribute3

PROP.attribute4,
PROP.attribute5,
PROP.attribute6 ,
PROP.attribute7,
PROP.attribute8,
PROP.attribute9,
PROP.attribute10,
PROP.attribute11,
PROP.attribute12,
PROP.attribute13,
PROP.attribute14,
PROP.attribute15,
ORGDT.attribute_category,
ORGDT.attribute1,
ORGDT.attribute2,
ORGDT.attribute3,
ORGDT.attribute4,
ORGDT.attribute5,
ORGDT.attribute6 ,
ORGDT.attribute7,
ORGDT.attribute8,
ORGDT.attribute9,
ORGDT.attribute10,

```



```
        ORGDT.attribute11,
        ORGDT.attribute12,
        ORGDT.attribute13,
        ORGDT.attribute14,
        ORGDT.attribute15
from igw_proposals PROP,
     igw_signing_official_v SO,
     igw_admin_official_v AO,
     igw_applicant_org_v APORG,
     ra_customers RAC,
     ra_addresses RAA,
     ece_tp_headers ETPH,
     ece_tp_details ETPD,
     igw_org_details ORGDT,
     igw_budgets BUD,
     igw_prop_component_statuses COMP,
     igw_report_budget_base_rate RBUD,
     igw_lookups_v LKUP,
     igw_prop_approval_runs RUN
Where PROP.proposal_id = SO.proposal_id(+) and
      PROP.proposal_id = AO.proposal_id(+) and
      PROP.proposal_id = APORG.proposal_id(+) and
      PROP.sponsor_id = RAC.customer_id and
      PROP.proposal_id = BUD.proposal_id(+) and
      PROP.proposal_id = COMP.proposal_id(+) and
      PROP.submitting_organization_id = ORGDT.organization_id(+) and
      BUD.final_version_flag(+) = 'Y' and
      RAC.customer_id = RAA.customer_id and
      RAA.tp_header_id = ETPH.tp_header_id and
      ETPD.tp_header_id = ETPH.tp_header_id and
      ETPD.document_id = 'PRPO' and
      ETPD.edi_flag = 'Y' and
      PROP.proposal_id = RBUD.proposal_id(+) and
      RBUD.budget_period_id(+) = 0 and
      LKUP.lookup_type = 'IGW_PROPOSAL_TYPES' and
      LKUP.lookup_code = PROP.proposal_type_code and
      PROP.proposal_id = RUN.proposal_id(+) and
      RUN.status_code(+) = 'A'
```

Column Descriptions

Name	Null?	Type	Description
COMMUNICATION_METHOD	NULL	VARCHAR2(3)	Refer to base table.
TEST_INDICATOR	NOT NULL	VARCHAR2(1)	Refer to base table.
TP_DOCUMENT_ID	NULL	VARCHAR2(4)	Refer to base table.
TP_DOCUMENT_TYPE	NOT NULL	VARCHAR2(30)	Refer to base table.
TP_DOCUMENT_CODE	NULL	VARCHAR2(4)	Refer to base table.
TP_TRANSLATOR_CODE	NULL	VARCHAR2(30)	Refer to base table.
TP_LOCATION_CODE	NULL	VARCHAR2(35)	Refer to base table.
TP_DESCRIPTION	NULL	VARCHAR2(240)	Refer to base table.
TP_REFERENCE_EXT1	NULL	VARCHAR2(240)	Refer to base table.
TP_REFERENCE_EXT2	NULL	VARCHAR2(240)	Refer to base table.
TRANSACTION_DATE	NULL	DATE	Refer to base table.
TPH_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Refer to base table.
TPH_ATTRIBUTE1	NULL	VARCHAR2(150)	Refer to base table.
TPH_ATTRIBUTE2	NULL	VARCHAR2(150)	Refer to base table.

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Column Descriptions (Continued)

Name	Null?	Type	Description
TPH_ATTRIBUTE3	NULL	VARCHAR2(150)	Refer to base table.
TPH_ATTRIBUTE4	NULL	VARCHAR2(150)	Refer to base table.
TPH_ATTRIBUTE5	NULL	VARCHAR2(150)	Refer to base table.
TPH_ATTRIBUTE6	NULL	VARCHAR2(150)	Refer to base table.
TPH_ATTRIBUTE7	NULL	VARCHAR2(150)	Refer to base table.
TPH_ATTRIBUTE8	NULL	VARCHAR2(150)	Refer to base table.
TPH_ATTRIBUTE9	NULL	VARCHAR2(150)	Refer to base table.
TPH_ATTRIBUTE10	NULL	VARCHAR2(150)	Refer to base table.
TPH_ATTRIBUTE11	NULL	VARCHAR2(150)	Refer to base table.
TPH_ATTRIBUTE12	NULL	VARCHAR2(150)	Refer to base table.
TPH_ATTRIBUTE13	NULL	VARCHAR2(150)	Refer to base table.
TPH_ATTRIBUTE14	NULL	VARCHAR2(150)	Refer to base table.
TPH_ATTRIBUTE15	NULL	VARCHAR2(150)	Refer to base table.
TPD_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(150)	Refer to base table.
TPD_ATTRIBUTE1	NULL	VARCHAR2(150)	Refer to base table.
TPD_ATTRIBUTE2	NULL	VARCHAR2(150)	Refer to base table.
TPD_ATTRIBUTE3	NULL	VARCHAR2(150)	Refer to base table.
TPD_ATTRIBUTE4	NULL	VARCHAR2(150)	Refer to base table.
TPD_ATTRIBUTE5	NULL	VARCHAR2(150)	Refer to base table.
DOCUMENT_STANDARD	NULL	VARCHAR2(30)	Refer to base table.
PROPOSAL_ID	NOT NULL	NUMBER(15)	Refer to base table.
PROPOSAL_NUMBER	NOT NULL	VARCHAR2(30)	Refer to base table.
DATE_APPROVED	NULL	VARCHAR2(8)	Refer to base table.
TIME_APPROVED	NULL	VARCHAR2(6)	Refer to base table.
PROPOSAL_TITLE	NULL	VARCHAR2(250)	Refer to base table.
RFA_PA_NUMBER	NULL	VARCHAR2(30)	Refer to base table.
PROGRAM_TITLE	NULL	VARCHAR2(250)	Refer to base table.
NOTICE_OF_OPPORTUNITY_CODE	NULL	VARCHAR2(30)	Refer to base table.
PROPOSAL_TYPE	NOT NULL	VARCHAR2(80)	Refer to base table.
ORIGINAL_PROPOSAL_NUMBER	NULL	VARCHAR2(30)	Refer to base table.
NARRATIVE_SUBMISSION_CODE	NULL	VARCHAR2(30)	Refer to base table.
NARRATIVE_TYPE_CODE	NULL	VARCHAR2(30)	Refer to base table.
AWARD_NUMBER	NULL	VARCHAR2(30)	Refer to base table.
SO_LAST_NAME	NULL	VARCHAR2(40)	Refer to base table.
SO_FIRST_NAME	NULL	VARCHAR2(20)	Refer to base table.
SO_MIDDLE_NAME	NULL	VARCHAR2(60)	Refer to base table.
SO_PREFIX	NULL	VARCHAR2(30)	Refer to base table.
SO_SUFFIX	NULL	VARCHAR2(30)	Refer to base table.
SIGNING_OFFICIAL_GOV'T_ID	NULL	VARCHAR2(20)	Refer to base table.
SO_ADDRESS_LINE1	NULL	VARCHAR2(60)	Refer to base table.
SO_ADDRESS_LINE2	NULL	VARCHAR2(60)	Refer to base table.
SO_TOWN_OR_CITY	NULL	VARCHAR2(30)	Refer to base table.
SO_STATE	NULL	VARCHAR2(70)	Refer to base table.
SO_POSTAL_CODE	NULL	VARCHAR2(30)	Refer to base table.
SO_COUNTRY	NULL	VARCHAR2(60)	Refer to base table.
SO_COUNTY	NULL	VARCHAR2(70)	Refer to base table.
SO_TITLE	NULL	VARCHAR2(30)	Refer to base table.
SO_WORK_PHONE	NULL	VARCHAR2(4000)	Refer to base table.
SO_WORK_FAX	NULL	VARCHAR2(4000)	Refer to base table.
SO_EMAIL_ADDRESS	NULL	VARCHAR2(240)	Refer to base table.
AO_LAST_NAME	NULL	VARCHAR2(40)	Refer to base table.
AO_FIRST_NAME	NULL	VARCHAR2(20)	Refer to base table.
AO_MIDDLE_NAME	NULL	VARCHAR2(60)	Refer to base table.
AO_PREFIX	NULL	VARCHAR2(30)	Refer to base table.

Column Descriptions (Continued)

Name	Null?	Type	Description
AO_SUFFIX	NULL	VARCHAR2(30)	Refer to base table.
ADMIN_OFFICIAL_GOVТ_ID	NULL	VARCHAR2(20)	Refer to base table.
AO_ADDRESS_LINE1	NULL	VARCHAR2(60)	Refer to base table.
AO_ADDRESS_LINE2	NULL	VARCHAR2(60)	Refer to base table.
AO_TOWN_OR_CITY	NULL	VARCHAR2(30)	Refer to base table.
AO_STATE	NULL	VARCHAR2(70)	Refer to base table.
AO_POSTAL_CODE	NULL	VARCHAR2(30)	Refer to base table.
AO_COUNTRY	NULL	VARCHAR2(60)	Refer to base table.
AO_COUNTY	NULL	VARCHAR2(70)	Refer to base table.
AO_TITLE	NULL	VARCHAR2(30)	Refer to base table.
AO_WORK_PHONE	NULL	VARCHAR2(4000)	Refer to base table.
AO_WORK_FAX	NULL	VARCHAR2(4000)	Refer to base table.
AO_EMAIL_ADDRESS	NULL	VARCHAR2(240)	Refer to base table.
ORGANIZATION_NAME	NULL	VARCHAR2(60)	Refer to base table.
ORG_ADDRESS_LINE1	NULL	VARCHAR2(240)	Refer to base table.
ORG_ADDRESS_LINE2	NULL	VARCHAR2(240)	Refer to base table.
ORG_ADDRESS_LINE3	NULL	VARCHAR2(240)	Refer to base table.
ORG_TOWN_OR_CITY	NULL	VARCHAR2(60)	Refer to base table.
ORG_STATE	NULL	VARCHAR2(70)	Refer to base table.
ORG_POSTAL_CODE	NULL	VARCHAR2(60)	Refer to base table.
ORG_COUNTRY	NULL	VARCHAR2(60)	Refer to base table.
ORG_COUNTY	NULL	VARCHAR2(70)	Refer to base table.
ORG_CONGRESS_DISTRICT	NULL	VARCHAR2(50)	Refer to base table.
ORG_DUNS_NUMBER	NULL	VARCHAR2(20)	Refer to base table.
ORG_DUNS4_NUMBER	NULL	VARCHAR2(20)	Refer to base table.
ORG_DODAAC_NUMBER	NULL	VARCHAR2(20)	Refer to base table.
ORG_CAGE_NUMBER	NULL	VARCHAR2(20)	Refer to base table.
ORG_TIN	NULL	VARCHAR2(20)	Refer to base table.
ORG_EIN	NULL	VARCHAR2(20)	Refer to base table.
ORG_IPF_CODE	NULL	VARCHAR2(20)	Refer to base table.
SPONSOR_NAME	NULL	VARCHAR2(50)	Refer to base table.
SPONSOR_ADDRESS1	NULL	VARCHAR2(240)	Refer to base table.
SPONSOR_ADDRESS2	NULL	VARCHAR2(240)	Refer to base table.
SPONSOR_CITY	NULL	VARCHAR2(60)	Refer to base table.
SPONSOR_STATE	NULL	VARCHAR2(60)	Refer to base table.
SPONSOR_POSTAL_CODE	NULL	VARCHAR2(60)	Refer to base table.
SPONSOR_COUNTRY	NULL	VARCHAR2(60)	Refer to base table.
SPONSOR_COUNTY	NULL	VARCHAR2(60)	Refer to base table.
SPONSOR_DIVISION_NAME	NULL	VARCHAR2(45)	Refer to base table.
SPONSOR_DUNS_NUMBER	NULL	VARCHAR2(4000)	Refer to base table.
PROPOSAL_START_DATE	NOT NULL	DATE	Refer to base table.
PROPOSAL_END_DATE	NOT NULL	DATE	Refer to base table.
PROPOSAL_DURATION	NULL	NUMBER	Refer to base table.
TOTAL_COST	NULL	NUMBER(15,2)	Refer to base table.
TOTAL_DIRECT_COST	NULL	NUMBER(15,2)	Refer to base table.
TOTAL_INDIRECT_COST	NULL	NUMBER(15,2)	Refer to base table.
INDIRECT_COST_RATE	NULL	NUMBER(5,2)	Refer to base table.
BASE_COST	NULL	NUMBER(17,2)	Refer to base table.
DHHS_AGREEMENT_FLAG	NULL	VARCHAR2(1)	Refer to base table.
DHHS_AGREEMENT_DATE	NULL	DATE	Refer to base table.
DHHS_AGREEMENT_WITH	NULL	VARCHAR2(50)	Refer to base table.
RATE_ESTABLISHED_WITH	NULL	VARCHAR2(50)	Refer to base table.
RATE_ESTABLISHED_DATE	NULL	DATE	Refer to base table.
HUMAN_EXEMPTION_NUMBER	NULL	VARCHAR2(20)	Refer to base table.

Oracle Proprietary, Confidential Information--Use Restricted by Contract

Column Descriptions (Continued)

Name	Null?	Type	Description
HUMAN_ASSURANCE_NUMBER	NULL	VARCHAR2(20)	Refer to base table.
ANIMAL_ASSURANCE_NUMBER	NULL	VARCHAR2(20)	Refer to base table.
BUDGET_START_DATE	NULL	DATE	Refer to base table.
BUDGET_END_DATE	NULL	DATE	Refer to base table.
BUDGET_DURATION	NULL	NUMBER	Refer to base table.
PROPOSAL_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Refer to base table.
PROPOSAL_ATTRIBUTE1	NULL	VARCHAR2(150)	Refer to base table.
PROPOSAL_ATTRIBUTE2	NULL	VARCHAR2(150)	Refer to base table.
PROPOSAL_ATTRIBUTE3	NULL	VARCHAR2(150)	Refer to base table.
PROPOSAL_ATTRIBUTE4	NULL	VARCHAR2(150)	Refer to base table.
PROPOSAL_ATTRIBUTE5	NULL	VARCHAR2(150)	Refer to base table.
PROPOSAL_ATTRIBUTE6	NULL	VARCHAR2(150)	Refer to base table.
PROPOSAL_ATTRIBUTE7	NULL	VARCHAR2(150)	Refer to base table.
PROPOSAL_ATTRIBUTE8	NULL	VARCHAR2(150)	Refer to base table.
PROPOSAL_ATTRIBUTE9	NULL	VARCHAR2(150)	Refer to base table.
PROPOSAL_ATTRIBUTE10	NULL	VARCHAR2(150)	Refer to base table.
PROPOSAL_ATTRIBUTE11	NULL	VARCHAR2(150)	Refer to base table.
PROPOSAL_ATTRIBUTE12	NULL	VARCHAR2(150)	Refer to base table.
PROPOSAL_ATTRIBUTE13	NULL	VARCHAR2(150)	Refer to base table.
PROPOSAL_ATTRIBUTE14	NULL	VARCHAR2(150)	Refer to base table.
PROPOSAL_ATTRIBUTE15	NULL	VARCHAR2(150)	Refer to base table.
ORG_DETAILS_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Refer to base table.
ORG_DETAILS_ATTRIBUTE1	NULL	VARCHAR2(150)	Refer to base table.
ORG_DETAILS_ATTRIBUTE2	NULL	VARCHAR2(150)	Refer to base table.
ORG_DETAILS_ATTRIBUTE3	NULL	VARCHAR2(150)	Refer to base table.
ORG_DETAILS_ATTRIBUTE4	NULL	VARCHAR2(150)	Refer to base table.
ORG_DETAILS_ATTRIBUTE5	NULL	VARCHAR2(150)	Refer to base table.
ORG_DETAILS_ATTRIBUTE6	NULL	VARCHAR2(150)	Refer to base table.
ORG_DETAILS_ATTRIBUTE7	NULL	VARCHAR2(150)	Refer to base table.
ORG_DETAILS_ATTRIBUTE8	NULL	VARCHAR2(150)	Refer to base table.
ORG_DETAILS_ATTRIBUTE9	NULL	VARCHAR2(150)	Refer to base table.
ORG_DETAILS_ATTRIBUTE10	NULL	VARCHAR2(150)	Refer to base table.
ORG_DETAILS_ATTRIBUTE11	NULL	VARCHAR2(150)	Refer to base table.
ORG_DETAILS_ATTRIBUTE12	NULL	VARCHAR2(150)	Refer to base table.
ORG_DETAILS_ATTRIBUTE13	NULL	VARCHAR2(150)	Refer to base table.
ORG_DETAILS_ATTRIBUTE14	NULL	VARCHAR2(150)	Refer to base table.
ORG_DETAILS_ATTRIBUTE15	NULL	VARCHAR2(150)	Refer to base table.

View Definition

```
CREATE VIEW IGW_PRPO_ORG_TYPES_V
as SELECT
    PROP.proposal_id,
    ORGTYP.organization_id,
    LKUP.lookup_code,
    LKUP.meaning
from igw_org_types ORGTYP,
    igw_lookups_v LKUP,
    igw_proposals PROP
Where LKUP.lookup_type = 'IGW_ORGANIZATION_TYPES' and
    LKUP.lookup_code = ORGTYP.organization_type_code and
    PROP.submitting_organization_id = ORGTYP.organization_id
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NOT NULL	NUMBER(15)	Refer to base table.
ORGANIZATION_ID	NOT NULL	NUMBER(15)	Refer to base table.
ORG_TYPE_CODE	NOT NULL	VARCHAR2(30)	Refer to base table.
ORG_TYPE	NOT NULL	VARCHAR2(80)	Refer to base table.

IGW_PRPO_OTHER_SUPPORT_V

IGW_PRPO_OTHER_SUPPORT_V displays details of other sources of support which are pending or available for personnel on the proposal. This view is used in generating a flat file for Electronic Data Interchange.

View Definition

```
CREATE VIEW IGW_PRPO_OTHER_SUPPORT_V
as SELECT
    PPS.proposal_id,
    PPS.person_id,
    LKUP1.meaning,
    PPS.proposal_award_number,
    PPS.proposal_award_title,
    PPS.annual_direct_cost,
    PPS.total_cost,
    PPS.percent_effort,
    RAC.customer_name,
    PPS.major_goals,
    PPX.last_name,
    PPX.first_name,
    PPX.middle_names,
    PPS.project_location,
    PPS.start_Date,
    PPS.end_Date,
    PPS.overlap,
    PPS.attribute_category,
    PPS.attribute1,
    PPS.attribute2,
    PPS.attribute3,
    PPS.attribute4,
    PPS.attribute5,
    PPS.attribute6,
    PPS.attribute7,
    PPS.attribute8,
    PPS.attribute9,
    PPS.attribute10,
    PPS.attribute11,
    PPS.attribute12,
    PPS.attribute13,
    PPS.attribute14,
    PPS.attribute15
from igw_prop_person_support PPS,
    per_people_x PPX,
    igw_lookups_v LKUP1,
    ra_customers RAC
Where PPS.pi_person_id = PPX.person_id and
    LKUP1.lookup_type(+) = 'IGW_SUPPORT_TYPES' and
    LKUP1.lookup_code(+) = PPS.support_type and
    RAC.customer_id = PPS.sponsor_id
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NOT NULL	NUMBER(15)	Refer to base table.
PERSON_ID	NOT NULL	NUMBER(15)	Refer to base table.
SUPPORT_STATUS	NULL	VARCHAR2(80)	Refer to base table.
AWARD_NUMBER	NULL	VARCHAR2(30)	Refer to base table.
AWARD_TITLE	NULL	VARCHAR2(250)	Refer to base table.
ANNUAL_DIRECT_COST	NULL	NUMBER(15,2)	Refer to base table.
TOTAL_COST	NULL	NUMBER(15,2)	Refer to base table.
PERCENT_EFFORT	NULL	NUMBER(5,2)	Refer to base table.
SPONSOR_NAME	NOT NULL	VARCHAR2(50)	Refer to base table.
MAJOR_GOALS	NULL	VARCHAR2(250)	Refer to base table.
PM_LAST_NAME	NOT NULL	VARCHAR2(40)	Refer to base table.
PM_FIRST_NAME	NULL	VARCHAR2(20)	Refer to base table.
PM_MIDDLE_NAME	NULL	VARCHAR2(60)	Refer to base table.
PROJECT_LOCATION	NULL	VARCHAR2(100)	Refer to base table.
START_DATE	NULL	DATE	Refer to base table.
END_DATE	NULL	DATE	Refer to base table.
OVERLAP	NULL	VARCHAR2(250)	Refer to base table.
OTH_SUPPORT_ATTRIBUTE_CATEGORY	NULL	VARCHAR2(30)	Refer to base table.
OTH_SUPPORT_ATTRIBUTE1	NULL	VARCHAR2(150)	Refer to base table.
OTH_SUPPORT_ATTRIBUTE2	NULL	VARCHAR2(150)	Refer to base table.
OTH_SUPPORT_ATTRIBUTE3	NULL	VARCHAR2(150)	Refer to base table.
OTH_SUPPORT_ATTRIBUTE4	NULL	VARCHAR2(150)	Refer to base table.
OTH_SUPPORT_ATTRIBUTE5	NULL	VARCHAR2(150)	Refer to base table.
OTH_SUPPORT_ATTRIBUTE6	NULL	VARCHAR2(150)	Refer to base table.
OTH_SUPPORT_ATTRIBUTE7	NULL	VARCHAR2(150)	Refer to base table.
OTH_SUPPORT_ATTRIBUTE8	NULL	VARCHAR2(150)	Refer to base table.
OTH_SUPPORT_ATTRIBUTE9	NULL	VARCHAR2(150)	Refer to base table.
OTH_SUPPORT_ATTRIBUTE10	NULL	VARCHAR2(150)	Refer to base table.
OTH_SUPPORT_ATTRIBUTE11	NULL	VARCHAR2(150)	Refer to base table.
OTH_SUPPORT_ATTRIBUTE12	NULL	VARCHAR2(150)	Refer to base table.
OTH_SUPPORT_ATTRIBUTE13	NULL	VARCHAR2(150)	Refer to base table.
OTH_SUPPORT_ATTRIBUTE14	NULL	VARCHAR2(150)	Refer to base table.
OTH_SUPPORT_ATTRIBUTE15	NULL	VARCHAR2(150)	Refer to base table.

IGW_PRPO_PERF_SITES_V

IGW_PRPO_PERF_SITES_V displays performing sites where the proposal activity will be conducted. This view is used in generating a flat file for Electronic Data Interchange.

View Definition

```
CREATE VIEW IGW_PRPO_PERF_SITES_V
as SELECT
    PRFM.proposal_id,
    PRFM.performing_organization_id,
    HRORG.name performing_organization_name,
    HRLOC.address_line_1,
    HRLOC.address_line_2,
    HRLOC.address_line_3,
    HRLOC.town_or_city ,
    HRLOC.region_1,
    HRLOC.region_2,
    HRLOC.postal_code,
    HRLOC.country,
    ORGDT.duns_number,
    ORGDT.duns4_number,
    ORGDT.dodaac_number,
    ORGDT.cage_number
from igw_prop_locations PRFM ,
    igw_org_details ORGDT,
    hr_organization_units HRORG,
    hr_locations HRLOC
    Where HRORG.organization_id = PRFM.performing_organization_id
and HRORG.location_id = HRLOC.location_id(+)
and PRFM.performing_organization_id = ORGDT.organization_id(+)
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NOT NULL	NUMBER(15)	Refer to base table.
PERFORMING_ORGANIZATION_ID	NOT NULL	NUMBER(15)	Refer to base table.
PERFORMING_ORGANIZATION_NAME	NOT NULL	VARCHAR2(60)	Refer to base table.
ADDRESS_LINE1	NULL	VARCHAR2(240)	Refer to base table.
ADDRESS_LINE2	NULL	VARCHAR2(240)	Refer to base table.
ADDRESS_LINE3	NULL	VARCHAR2(240)	Refer to base table.
TOWN_OR_CITY	NULL	VARCHAR2(60)	Refer to base table.
COUNTY	NULL	VARCHAR2(70)	Refer to base table.
STATE	NULL	VARCHAR2(70)	Refer to base table.
POSTAL_CODE	NULL	VARCHAR2(60)	Refer to base table.
COUNTRY	NULL	VARCHAR2(60)	Refer to base table.
DUNS_NUMBER	NULL	VARCHAR2(20)	Refer to base table.
DUNS4_NUMBER	NULL	VARCHAR2(20)	Refer to base table.
DODAAC_NUMBER	NULL	VARCHAR2(20)	Refer to base table.
CAGE_NUMBER	NULL	VARCHAR2(20)	Refer to base table.

IGW_PRPO_PERSON_DETAILS_V

IGW_PRPO_PERSON_DETAILS_V displays personnel details, such as salary, fringe benefits, appointment type, and proposal roles of personnel included in budget lines. This view is used in generating a flat file for Electronic Data Interchange.

View Definition

```
CREATE VIEW IGW_PRPO_PERSON_DETAILS_V
as SELECT
    ppx.last_name
    ,      ppx.first_name
    ,      ppx.middle_names
    ,      ppp.proposal_role_code
    ,      decode(ppp.proposal_role_code, 'AM', 'Principal
Investigator', igw_REPORT_PROCESSING.get_proposal_role(proposal_role_code)) proposal_role
    ,      pbpd.period_type_code
    ,      decode(pbpd.period_type_code, 'AP', 'Academic', 'CY', 'Calendar', 'SP', 'Summer')
period_type
    ,      ibc.budget_category_code
    ,      ibc.budget_category
    ,      pbpd.start_date   period_beginning_date
    ,      pbpd.end_date     period_end_date
    ,      pbp.appointment_type_code   appointment_type
    ,      to_number(pbp.appointment_type_code) * pbpd.percent_effort/100   person_months
    ,      'DO'                    percent_dollar_flag
    ,      pbp.calculation_base   base_salary
    ,      pbpd.percent_effort
    ,      to_number(null)        fringe_benefits
    ,      to_number(null)        fringe_percentage
    ,      pbpd.line_item_id
    ,      pbpd.salary_requested
    ,      pbp.proposal_id
    ,      ibc.budget_period_id
    ,      pbp.person_id
from      igw_budgets                pb
    ,      igw_budget_category_v      ibc
    ,      igw_budget_personnel_details pbpd
    ,      igw_budget_persons          pbp
    ,      per_people_x                ppx
    ,      igw_prop_persons            ppp
Where pb.proposal_id = ibc.proposal_id
and      pb.final_version_flag = 'Y'
and      ibc.line_item_id = pbpd.line_item_id
and      pb.proposal_id = pbpd.proposal_id
and      pb.proposal_id = pbpd.proposal_id
and      pb.version_id = pbpd.version_id
and      pbpd.proposal_id = pbp.proposal_id
and      pbpd.version_id = pbp.version_id
and      pbpd.appointment_type_code = pbp.appointment_type_code
and      pbpd.person_id = pbp.person_id
and      pbp.person_id = ppx.person_id
```

Oracle Proprietary, Confidential Information--Use Restricted by Contract

```

and      pb.proposal_id = ppp.proposal_id
and      ppp.person_id = pbp.person_id
UNION
select   ppx.last_name
,        ppx.first_name
,        ppx.middle_names
,        ppp.proposal_role_code
,        decode(ppp.proposal_role_code, 'AM', 'Principal

Investigator', igw_REPORT_PROCESSING.get_proposal_role(proposal_role_code)) role
,        pbpd.period_type_code
,        decode(pbpd.period_type_code, 'AP', 'Academic', 'CY', 'Calendar', 'SP', 'Summer')
period_type
,        ibc.budget_category_code
,        ibc.budget_category
,        pbpd.start_date    period_beginning_date
,        pbpd.end_date      period_end_date
,        pbp.appointment_type_code    appointment_type
,        to_number(pbp.appointment_type_code) * pbpd.percent_effort/100    person_months
,        'P1'                percent_dollar_flag
,        pbp.calculation_base    base_salary
,        pbpd.percent_effort
,        igw_BUDGET_INTEGRATION.get_eb_cost_personnel(pbpd.budget_personnel_detail_id)
fringe_benefits
,        igw_BUDGET_INTEGRATION.get_eb_cost_personnel(pbpd.budget_personnel_detail_id)/

decode(pbpd.salary_requested , 0, 1 ,pbpd.salary_requested)* 100    fringe_percentage
,        pbpd.line_item_id
,        pbpd.salary_requested
,        pbp.proposal_id
,        ibc.budget_period_id
,        pbp.person_id
fr
om  igw_budgets          pb
,        igw_budget_category_v          ibc
,        igw_budget_personnel_details    pbpd
,        igw_budget_persons              pbp
,        per_people_x                    ppx
,        igw_prop_persons                ppp
where  pb.proposal_id = ibc.proposal_id
and    pb.final_version_flag = 'Y'
and    ibc.line_item_id = pbpd.line_item_id
and    pb.proposal_id = pbpd.proposal_id
and    pb.proposal_id = pbpd.proposal_id
and    pb.version_id = pbpd.version_id
and    pbpd.proposal_id = pbp.proposal_id
and    pbpd.version_id = pbp.version_id
and    pbpd.appointment_type_code = pbp.appointment_type_code
and    pbpd.person_id = pbp.person_id
and    pbp.person_id = ppx.person_id
and    pb.proposal_id = ppp.proposal_id
and    ppp.person_id = pbp.person_id
order by ibc.budget_period_id

```



Column Descriptions

Name	Null?	Type	Description
LAST_NAME	NULL	VARCHAR2(40)	Refer to base table.
FIRST_NAME	NULL	VARCHAR2(20)	Refer to base table.
MIDDLE_NAMES	NULL	VARCHAR2(60)	Refer to base table.
PROPOSAL_ROLE_CODE	NULL	VARCHAR2(30)	Refer to base table.
PROPOSAL_ROLE	NULL	VARCHAR2(4000)	Refer to base table.
PERIOD_TYPE_CODE	NULL	VARCHAR2(30)	Refer to base table.
PERIOD_TYPE	NULL	VARCHAR2(8)	Refer to base table.
BUDGET_CATEGORY_CODE	NULL	VARCHAR2(30)	Refer to base table.
BUDGET_CATEGORY	NULL	VARCHAR2(80)	Refer to base table.
PERIOD_BEGINNING_DATE	NULL	DATE	Refer to base table.
PERIOD_END_DATE	NULL	DATE	Refer to base table.
APPOINTMENT_TYPE	NULL	VARCHAR2(30)	Refer to base table.
PERSON_MONTHS	NULL	NUMBER	Refer to base table.
PERCENT_DOLLAR_FLAG	NULL	VARCHAR2(2)	Refer to base table.
BASE_SALARY	NULL	NUMBER(15,2)	Refer to base table.
PERCENT_EFFORT	NULL	NUMBER(5,2)	Refer to base table.
FRINGE_BENEFITS	NULL	NUMBER	Refer to base table.
FRINGE_PERCENTAGE	NULL	NUMBER	Refer to base table.
LINE_ITEM_ID	NULL	NUMBER(15)	Refer to base table.
SALARY_REQUESTED	NULL	NUMBER(15,2)	Refer to base table.
PROPOSAL_ID	NULL	NUMBER(15)	Refer to base table.
BUDGET_PERIOD_ID	NULL	NUMBER(4)	Refer to base table.
PERSON_ID	NULL	NUMBER(15)	Refer to base table.

IGW_PRPO_PROP_PERSONS_V

IGW_PRPO_PROP_PERSONS_V displays biographical information of personnel that includes name, social security number, gender, and date of birth. This view is used in generating a flat file for Electronic Data Interchange.

View Definition

```
CREATE VIEW IGW_PRPO_PROP_PERSONS_V
as SELECT
    PPP.proposal_id,
    PPP.person_id,
    PPX.first_name,
    PPX.middle_names,
    PPX.last_name,
    PPX.full_name,
    PPX.title,
    PPX.pre_name_adjunct,
    PPX.suffix,
    igw_report_processing.get_proposal_role(ppp.proposal_role_code),
    igw_report_processing.get_job_name(ppp.person_id),
    PPX.sex,
    PPX.date_of_Birth,
    PPX.national_identifier SSN,
    LKUP1.meaning,
    LKUP2.meaning,
    PPP.key_person_flag,

    decode(pi_flag, 'Y', '9P', decode(key_person_flag, 'Y', '9K', decode(proposal_role_code, '9S', '9S', null))) ,
    PPP.person_sequence,
    PPP.percent_effort,
    AD.address_line1,
    AD.address_line2,
    AD.address_line3,
    AD.postal_code,
    AD.region_1,
    AD.region_2,
    AD.town_or_city,
    AD.country,
    IGW_report_processing.get_phone_number(PPP.PERSON_ID, 'WF'),
    IGW_report_processing.get_phone_number(PPP.PERSON_ID, 'W1'),
    PPX.email_address,
    igw_extension_pkg.person_govt_id(PPP.person_id)
from igw_prop_persons PPP,
    per_people_x PPX,
    per_addresses AD,
    fnd_lookup_values LKUP1,
    fnd_lookup_values LKUP2
Where PPX.person_id = PPP.person_id and
    PPP.person_id = AD.person_id (+) and
    AD.primary_flag(+) = 'Y' and
    AD.date_to is null and
    LKUP1.lookup_code(+) = PPX.nationality and
```



```
LKUP1.lookup_type(+) = 'NATIONALITY' and
LKUP1.language(+) = userenv('LANG') and
nvl(LKUP1.enabled_flag,'Y') = 'Y' and
nvl(LKUP1.start_date_active,sysdate) <= sysdate and
(LKUP1.end_date_active is null or LKUP1.end_date_active >= sysdate) and
LKUP2.lookup_code(+) = PPX.per_information1 and
LKUP2.lookup_type(+) = 'US_ETHNIC_GROUP' and
LKUP2.language(+) = userenv('LANG') and
nvl(LKUP2.enabled_flag,'Y') = 'Y' and
nvl(LKUP2.start_date_active,sysdate) <= sysdate and
(LKUP2.end_date_active is null or LKUP2.end_date_active >= sysdate)
order by PPP.person_sequence
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NOT NULL	NUMBER(15)	Refer to base table.
PERSON_ID	NOT NULL	NUMBER(15)	Refer to base table.
FIRST_NAME	NULL	VARCHAR2(20)	Refer to base table.
MIDDLE_NAME	NULL	VARCHAR2(60)	Refer to base table.
LAST_NAME	NOT NULL	VARCHAR2(40)	Refer to base table.
FULL_NAME	NULL	VARCHAR2(240)	Refer to base table.
TITLE	NULL	VARCHAR2(30)	Refer to base table.
PREFIX	NULL	VARCHAR2(30)	Refer to base table.
SUFFIX	NULL	VARCHAR2(30)	Refer to base table.
PROPOSAL_ROLE	NULL	VARCHAR2(4000)	Refer to base table.
JOB_NAME	NULL	VARCHAR2(4000)	Refer to base table.
SEX	NULL	VARCHAR2(30)	Refer to base table.
DATE_OF_BIRTH	NULL	DATE	Refer to base table.
SSN	NULL	VARCHAR2(30)	Refer to base table.
CITIZENSHIP	NULL	VARCHAR2(80)	Refer to base table.
RACE	NULL	VARCHAR2(80)	Refer to base table.
KEY_PERSON_FLAG	NULL	VARCHAR2(1)	Refer to base table.
PERSON_EDI_CODE	NULL	VARCHAR2(2)	Refer to base table.
PERSON_SEQUENCE	NULL	NUMBER(3)	Refer to base table.
PERCENT_EFFORT	NULL	NUMBER(5,2)	Refer to base table.
ADDRESS_LINE1	NULL	VARCHAR2(60)	Refer to base table.
ADDRESS_LINE2	NULL	VARCHAR2(60)	Refer to base table.
ADDRESS_LINE3	NULL	VARCHAR2(60)	Refer to base table.
POSTAL_CODE	NULL	VARCHAR2(30)	Refer to base table.
COUNTY	NULL	VARCHAR2(70)	Refer to base table.
STATE	NULL	VARCHAR2(70)	Refer to base table.
TOWN_OR_CITY	NULL	VARCHAR2(30)	Refer to base table.
COUNTRY	NULL	VARCHAR2(60)	Refer to base table.
WORK_PHONE	NULL	VARCHAR2(4000)	Refer to base table.
WORK_FAX	NULL	VARCHAR2(4000)	Refer to base table.
EMAIL_ADDRESS	NULL	VARCHAR2(240)	Refer to base table.
PERSON_GOV_T_ID	NULL	VARCHAR2(4000)	Refer to base table.

IGW_PRPO_ROLES_DETAILS_V

IGW_PRPO_ROLES_DETAILS_V displays summary information about personnel, such as person months and salary, grouped by proposal role. This view is used in generating a flat file for Electronic Data Interchange.

View Definition

```
CREATE VIEW IGW_PRPO_ROLES_DETAILS_V
as SELECT
    count(*)          no_of_persons
    , ppp.proposal_role_code
    , decode(ppp.proposal_role_code, 'AM', 'Principal
Investigator', igw_REPORT_PROCESSING.get_proposal_role(proposal_role_code)) proposal_role
    , sum(pbp.calculation_base)    base_salary
    , ibc.budget_category_code
    , pbpd.start_date    period_beginning_date
    , pbpd.end_date      period_end_date
    , sum(to_number(pbp.appointment_type_code) * pbpd.percent_effort/100)
person_months
    , sum(pbp.salary_requested)    salary_requested
    , pbp.proposal_id
    , ibc.budget_period_id
from    igw_budgets                pb
    , igw_budget_category_v        ibc
    , igw_budget_personnel_details pbpd
    , igw_budget_persons           pbp
    , per_people_x                 ppx
    , igw_prop_persons             ppp
Where pb.proposal_id = ibc.proposal_id
and    pb.final_version_flag = 'Y'
and    ibc.line_item_id = pbpd.line_item_id
and    pb.proposal_id = pbpd.proposal_id
and    pb.proposal_id = pbpd.proposal_id
and    pb.version_id = pbpd.version_id
and    pbpd.proposal_id = pbp.proposal_id
and    pbpd.version_id = pbp.version_id
and    pbpd.appointment_type_code = pbp.appointment_type_code
and    pbpd.person_id = pbp.person_id
and    pbp.person_id = ppx.person_id
and    pb.proposal_id = ppp.proposal_id
and    ppp.person_id = pbp.person_id
group by ppp.proposal_role_code
    , pbp.calculation_base
    , ibc.budget_category_code
    , pbp.calculation_base
    , pbpd.start_date
    , pbpd.end_date
    , pbp.proposal_id
    , ibc.budget_period_id
```



Column Descriptions

Name	Null?	Type	Description
NO_OF_PERSONS	NULL	NUMBER	Refer to base table.
PROPOSAL_ROLE_CODE	NOT NULL	VARCHAR2(30)	Refer to base table.
PROPOSAL_ROLE	NULL	VARCHAR2(4000)	Refer to base table.
BASE_SALARY	NULL	NUMBER	Refer to base table.
BUDGET_CATEGORY_CODE	NULL	VARCHAR2(30)	Refer to base table.
PERIOD_BEGINNING_DATE	NOT NULL	DATE	Refer to base table.
PERIOD_END_DATE	NOT NULL	DATE	Refer to base table.
PERSON_MONTHS	NULL	NUMBER	Refer to base table.
SALARY_REQUESTED	NULL	NUMBER	Refer to base table.
PROPOSAL_ID	NOT NULL	NUMBER(15)	Refer to base table.
BUDGET_PERIOD_ID	NULL	NUMBER(4)	Refer to base table.



IGW_PRPO_SPECIAL_REVIEWS_V

IGW_PRPO_SPECIAL_REVIEWS_V displays details of special reviews conducted for the proposal. This view is used in generating a flat file for Electronic Data Interchange.

View Definition

```
CREATE VIEW IGW_PRPO_SPECIAL_REVIEWS_V
as SELECT
    PPS.proposal_id,
    LKUP1.meaning,
    LKUP3.meaning,
    LKUP2.meaning,
    PPS.approval_date,
    PPS.protocol_number,
    PPS.application_date
from igw_prop_special_reviews PPS,
    igw_lookups_v LKUP1,
    igw_lookups_v LKUP2,
    igw_lookups_v LKUP3
Where PPS.special_review_code = LKUP1.lookup_code(+) and
    PPS.approval_type_code = LKUP2.lookup_code(+) and
    LKUP2.lookup_type(+) = 'IGW_REVIEW_APPROVAL_TYPES' and
    LKUP1.lookup_type(+) = 'IGW_SPECIAL_REVIEWS' and
    LKUP3.lookup_type(+) = 'IGW_SPECIAL_REVIEW_TYPES' and
    PPS.special_review_type = LKUP3.lookup_code(+)

```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NOT NULL	NUMBER(15)	Refer to base table.
REVIEW_SUBJECT	NULL	VARCHAR2(80)	Refer to base table.
REVIEW_COVERAGE	NULL	VARCHAR2(80)	Refer to base table.
APPROVAL_STATUS	NULL	VARCHAR2(80)	Refer to base table.
APPROVAL_DATE	NULL	DATE	Refer to base table.
PROTOCOL_NUMBER	NULL	VARCHAR2(8)	Refer to base table.
APPLICATION_DATE	NULL	DATE	Refer to base table.

IGW_PRPO_SUBJECT_INFO_V

IGW_PRPO_SUBJECT_INFO_V displays details about human subjects involved in the proposal. This view is used in generating a flat file for Electronic Data Interchange.

View Definition

```
CREATE VIEW IGW_PRPO_SUBJECT_INFO_V
as SELECT
    ST.proposal_id,
    ST.study_title,
    IGW_REPORT_PROCESSING.GET_SUBJECTS(ST.proposal_id,ST.study_title_id,'1','1'),
    IGW_REPORT_PROCESSING.GET_SUBJECTS(ST.proposal_id,ST.study_title_id,'2','1'),
    IGW_REPORT_PROCESSING.GET_SUBJECTS(ST.proposal_id,ST.study_title_id,'3','1'),
    IGW_REPORT_PROCESSING.GET_SUBJECTS(ST.proposal_id,ST.study_title_id,'4','1'),
    IGW_REPORT_PROCESSING.GET_SUBJECTS(ST.proposal_id,ST.study_title_id,'5','1'),
    IGW_REPORT_PROCESSING.GET_SUBJECTS(ST.proposal_id,ST.study_title_id,'6','1'),
    IGW_REPORT_PROCESSING.GET_SUBJECTS(ST.proposal_id,ST.study_title_id,'1','2'),
    IGW_REPORT_PROCESSING.GET_SUBJECTS(ST.proposal_id,ST.study_title_id,'2','2'),
    IGW_REPORT_PROCESSING.GET_SUBJECTS(ST.proposal_id,ST.study_title_id,'3','2'),
    IGW_REPORT_PROCESSING.GET_SUBJECTS(ST.proposal_id,ST.study_title_id,'4','2'),
    IGW_REPORT_PROCESSING.GET_SUBJECTS(ST.proposal_id,ST.study_title_id,'5','2'),
    IGW_REPORT_PROCESSING.GET_SUBJECTS(ST.proposal_id,ST.study_title_id,'6','2')
from igw_study_titles ST
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NULL	NUMBER(15)	Refer to base table.
STUDY_TITLE	NULL	VARCHAR2(240)	Refer to base table.
AMERICAN_INDIAN_FEMALES	NULL	NUMBER	Refer to base table.
ASIAN_FEMALES	NULL	NUMBER	Refer to base table.
BLACK_FEMALES	NULL	NUMBER	Refer to base table.
HISPANIC_FEMALES	NULL	NUMBER	Refer to base table.
WHITE_FEMALES	NULL	NUMBER	Refer to base table.
OTHER_FEMALES	NULL	NUMBER	Refer to base table.
AMERICAN_INDIAN_MALES	NULL	NUMBER	Refer to base table.
ASIAN_MALES	NULL	NUMBER	Refer to base table.
BLACK_MALES	NULL	NUMBER	Refer to base table.
HISPANIC_MALES	NULL	NUMBER	Refer to base table.
WHITE_MALES	NULL	NUMBER	Refer to base table.
OTHER_MALES	NULL	NUMBER	Refer to base table.



IGW_PRPO_YN_RESPONSES_V

IGW_PRPO_YN_RESPONSES_V displays answers to questions about individuals, the proposal, and the organization. This view is used in generating a flat file for Electronic Data Interchange.

View Definition

```
CREATE VIEW IGW_PRPO_YN_RESPONSES_V
as SELECT
    proposal_id,
    to_number(null) ,
    to_number(null) ,
    'P' applies_to,
    question_number,
    decode(answer,'1','Y','2','N') Response,
    explanation ,
    review_date
from igw_prop_questions
  Where answer <> 3
union
select P.proposal_id ,
       Q.organization_id,
       to_number(null) ,
       'O' applies_to,
       Q.question_number,
       decode(answer,'1','Y','2','N') Response,
       Q.explanation ,
       Q.review_date
from igw_org_questions Q,
     igw_proposals P
where Q.organization_id = P.submitting_organization_id
and answer <> 3
union
select proposal_id,
       to_number(null) ,
       person_id,
       'I' applies_to,
       question_number,
       decode(answer,'1','Y','2','N') Response,
       explanation ,
       review_date
from igw_prop_person_questions
where answer <> 3
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NULL	NUMBER(15)	Refer to base table.
ORGANIZATION_ID	NULL	NUMBER	Refer to base table.
PERSON_ID	NULL	NUMBER	Refer to base table.
QUESTION_APPLIES_TO	NULL	VARCHAR2(1)	Refer to base table.
QUESTION_NUMBER	NULL	VARCHAR2(5)	Refer to base table.
RESPONSE	NULL	VARCHAR2(1)	Refer to base table.
EXPLANATION	NULL	VARCHAR2(800)	Refer to base table.

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Column Descriptions (Continued)

Name	Null?	Type	Description
REVIEW_DATE	NULL	DATE	Refer to base table.

IGW_QUESTIONS

IGW_QUESTIONS stores information about all questions pertaining to individuals, proposals, and organizations. It also contains information about which questions need an explanation and review date to accompany the answer. For example, if the EXPLANATION_FOR_YES_FLAG is Y and the answer to the question is Yes, the user must provide an explanation for the answer.

Column Descriptions

Name	Null?	Type	Description
QUESTION_NUMBER (PK)	NOT NULL	VARCHAR2(5)	Question number
APPLIES_TO	NOT NULL	VARCHAR2(1)	Identifies to whom the question applies. Possible choices are I for Individual, P for Proposal, and O for Organization.
EXPLANATION_FOR_YES_FLAG	NOT NULL	VARCHAR2(1)	Flag determines whether an explanation is required if the answer to the question is Yes. Possible values are Y or N.
EXPLANATION_FOR_NO_FLAG	NOT NULL	VARCHAR2(1)	Flag determines whether an explanation is required if the answer to the question is No. Possible values are Y or N.
DATE_FOR_YES_FLAG	NOT NULL	VARCHAR2(1)	Flag determines whether a date is required if the answer to the question is Yes. Possible values are Y or N.
DATE_FOR_NO_FLAG	NOT NULL	VARCHAR2(1)	Flag determines whether a date is required if the answer to the question is No. Possible values are Y or N.
START_DATE_ACTIVE	NOT NULL	DATE	First effective date for the question
END_DATE_ACTIVE	NULL	DATE	Last effective date for the question
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_QUESTIONS_U1	UNIQUE	1	QUESTION_NUMBER

IGW_QUESTIONS_TL

IGW_QUESTIONS_TL stores multiple language support-related information for the main table IGW_QUESTIONS.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_QUESTIONS	QUESTION_NUMBER	QUESTION_NUMBER

Column Descriptions

Name	Null?	Type	Description
QUESTION_NUMBER	NOT NULL	VARCHAR2(5)	Question number
DESCRIPTION	NOT NULL	VARCHAR2(500)	Question description
EXPLANATION	NULL	VARCHAR2(1000)	Explanation pertaining to the question
POLICY	NULL	VARCHAR2(1000)	Policy pertaining to the question
REGULATION	NULL	VARCHAR2(1000)	Regulation pertaining to the question
LANGUAGE	NOT NULL	VARCHAR2(4)	Language
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Source language
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER	Standard Who column
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_QUESTIONS_TL_U1	UNIQUE	5	LANGUAGE
		10	QUESTION_NUMBER

IGW_RATE_CLASSES

IGW_RATE_CLASSES stores information about rate classes. Rate classes include Inflation, Employee Benefits, and Overhead. Overhead is categorized into Modified Total Direct Cost, Salaries and Wages, and Other.

Column Descriptions

Name	Null?	Type	Description
RATE_CLASS_ID (PK)	NOT NULL	NUMBER(10)	Rate class identifier
DESCRIPTION	NOT NULL	VARCHAR2(250)	Rate class description
RATE_CLASS_TYPE	NOT NULL	VARCHAR2(1)	Rate class type. Possible values are O for Overhead, I for Inflation, and E for Employee benefits.
OVERHEAD_TYPE	NULL	VARCHAR2(6)	Overhead type. Possible values are Modified Total Direct Cost, Salaries and Wages, and Other.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_RATE_CLASSES_U1	UNIQUE	1	RATE_CLASS_ID

Sequences

Sequence	Derived Column
IGW_RATE_CLASSES_S	RATE_CLASS_ID

IGW_RATE_TYPES

IGW_RATE_TYPES stores information about the rate types associated with a rate class. This information is used for budgeting purposes.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_RATE_CLASSES	RATE_CLASS_ID	RATE_CLASS_ID

Column Descriptions

Name	Null?	Type	Description
RATE_CLASS_ID (PK)	NOT NULL	NUMBER(10)	Rate class identifier
RATE_TYPE_ID (PK)	NOT NULL	NUMBER(10)	Rate type identifier
DESCRIPTION	NOT NULL	VARCHAR2(250)	Rate type description
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_RATE_TYPES_U1	UNIQUE	1	RATE_CLASS_ID
		2	RATE_TYPE_ID

Sequences

Sequence	Derived Column
IGW_RATE_TYPES_S	RATE_TYPE_ID

IGW_REPORT_BUDGET

IGW_REPORT_BUDGET stores direct costs for all budget periods in the proposal. The data is grouped into budget categories and their period totals. This is a processing table used in printing proposals.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_BUDGET_DETAILS	PROPOSAL_ID	PROPOSAL_ID
	VERSION_ID	VERSION_ID
	BUDGET_PERIOD_ID	BUDGET_PERIOD_ID

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NOT NULL	NUMBER(15)	Proposal identifier
VERSION_ID	NOT NULL	NUMBER(4)	Budget version identifier
BUDGET_PERIOD_ID	NOT NULL	NUMBER(4)	Budget period identifier
PROPOSAL_BUDGET_CATEGORY	NULL	VARCHAR2(80)	Sponsor budget category for the proposal
PROPOSAL_BUDGET_CATEGORY_CODE	NOT NULL	VARCHAR2(30)	Unique code that identifies sponsor budget category
PERIOD_TOTAL_DIRECT_COST	NULL	NUMBER(17,2)	Period total direct cost
EB_TOTAL	NULL	VARCHAR2(17)	Employee benefits amount
PROPOSAL_FORM_NUMBER	NOT NULL	VARCHAR2(30)	Proposal form number or EDI transaction set number. Examples are PHS 398 and 194TS.
RECENTLY_UPDATED_FLAG	NULL	VARCHAR2(1)	Flag for internal processing of data. Default value is N.

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_REPORT_BUDGET_U1	UNIQUE	1	PROPOSAL_ID
		2	VERSION_ID
		3	BUDGET_PERIOD_ID
		4	PROPOSAL_BUDGET_CATEGORY_CODE
		5	PROPOSAL_FORM_NUMBER

IGW_REPORT_BUDGET_BASE_RATE

IGW_REPORT_BUDGET_BASE_RATE stores base amounts or direct costs for all budget periods in the proposal. This is a processing table used in printing proposals.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_BUDGET_PERIODS	PROPOSAL_ID BUDGET_PERIOD_ID VERSION_ID	PROPOSAL_ID BUDGET_PERIOD_ID VERSION_ID

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NOT NULL	NUMBER(15)	Proposal identifier
VERSION_ID	NOT NULL	NUMBER(15)	Budget version identifier
BUDGET_PERIOD_ID	NOT NULL	NUMBER(15)	Budget period identifier
BASE_AMOUNT	NULL	NUMBER	Base amount for buget period on which indirect cost is applied
RATE_APPLIED	NULL	NUMBER	Overhead rate that is applied on the base amount
TOTAL_INDIRECT_COST	NULL	NUMBER(17,2)	Total indirect cost calculation based on base amount and applicable rate
START_DATE	NULL	DATE	Start date of budget period
END_DATE	NULL	DATE	End date of budget period
FISCAL_YEAR	NULL	NUMBER(4)	Fiscal year on which the base rate is calculated
PROPOSAL_FORM_NUMBER	NULL	VARCHAR2(30)	Proposal form number or EDI transaction set number. Examples are PHS 398 and 194TS.

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_REPORT_BUDG_BASE_RATE_U1	UNIQUE	1	PROPOSAL_ID
		2	VERSION_ID
		3	BUDGET_PERIOD_ID

IGW_REPORT_BUDGET_SEED

IGW_REPORT_BUDGET_SEED stores seed data for reporting purposes. The seed data stores the sponsor budget hierarchy as required by the sponsor. The 194 Transaction Set sponsor budget hierarchy is seeded in this table. This is a processing table used in printing proposals.

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_FORM_NUMBER	NOT NULL	VARCHAR2(30)	Proposal form number or EDI transaction set number. Examples are PHS 398 and 194TS.
PROPOSAL_BUDGET_CATEGORY	NOT NULL	VARCHAR2(80)	Sponsor budget category
PROPOSAL_BUDGET_CATEGORY_CODE	NOT NULL	VARCHAR2(30)	Unique code that identifies the parent sponsor budget category
BUDGET_CATEGORY_CODE	NOT NULL	VARCHAR2(30)	Unique code that identifies child sponsor budget category
DETAILS_REQUIRED_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether details are required for that particular PROPOSAL_BUDGET_CATEGORY. If this flag is Y, IGW_REPORT_ITEMIZED_BUDGET is populated with details.
FRINGE_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the current record is reported as fringe benefits. The flag is set to Y if the data is reported as fringe benefits.
SEED_DATA_FLAG	NOT NULL	VARCHAR2(1)	Flag that indicates whether the current record is seed data. If it is seed data, the value of the flag is Y.

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_REPORT_BUDGET_SEED_U1	UNIQUE	1	PROPOSAL_FORM_NUMBER
		2	PROPOSAL_BUDGET_CATEGORY
		4	PROPOSAL_BUDGET_CATEGORY_CODE
		6	BUDGET_CATEGORY_CODE

IGW_REPORT_BUDG_JUSTIFICATION

IGW_REPORT_BUDG_JUSTIFICATION stores budget justification grouped for a sponsor budget category. This is a processing table used in printing proposals.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_BUDGET_DETAILS	PROPOSAL_ID VERSION_ID	PROPOSAL_ID VERSION_ID
IGW_REPORT_BUDGET_SEED	PROPOSAL_BUDGET_CATEGORY	PROPOSAL_BUDGET_CATEGORY

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NOT NULL	NUMBER(15)	Proposal identifier
VERSION_ID	NOT NULL	NUMBER(15)	Budget version identifier
PROPOSAL_BUDGET_CATEGORY	NOT NULL	VARCHAR2(80)	Sponsor budget category
JUSTIFICATION	NULL	LONG	Grouped justification for a sponsor budget category
PROPOSAL_FORM_NUMBER	NOT NULL	VARCHAR2(30)	Proposal form number or EDI transaction set number. Examples are PHS 398 and 194TS.

IGW_REPORT_ITEMIZED_BUDGET

IGW_REPORT_ITEMIZED_BUDGET stores combined expenditure category or expenditure type descriptions for a sponsor budget category. This is a processing table used in printing proposals.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_BUDGET_DETAILS	PROPOSAL_ID	PROPOSAL_ID
	VERSION_ID	VERSION_ID
	BUDGET_PERIOD_ID	BUDGET_PERIOD_ID
IGW_REPORT_BUDGET_SEED	PROPOSAL_BUDGET_CATEGORY	PROPOSAL_BUDGET_CATEGORY

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NOT NULL	NUMBER(15)	Proposal identifier
VERSION_ID	NOT NULL	NUMBER(15)	Budget version identifier
BUDGET_PERIOD_ID	NOT NULL	NUMBER(15)	Budget period identifier
PROPOSAL_BUDGET_CATEGORY	NOT NULL	VARCHAR2(80)	Sponsor budget category
EXPENDITURE_DESCRIPTION	NULL	LONG	Grouped expenditure category or expenditure type description for a sponsor budget category
PROPOSAL_FORM_NUMBER	NULL	VARCHAR2(30)	Proposal form number or EDI transaction set number. Examples are PHS 398 and 194TS.

IGW_REPORT_Q_EXPLANATION

IGW_REPORT_Q_EXPLANATION stores explanations for questions.
This is a processing table used in printing proposals.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_ORG_QUESTIONS	ORGANIZATION_ID QUESTION_NUMBER	ORGANIZATION_ID QUESTION_NUMBER

Column Descriptions

Name	Null?	Type	Description
ORGANIZATION_ID	NOT NULL	NUMBER(15)	Organization identifier
QUESTION_NUMBER	NOT NULL	VARCHAR2(4)	Question number
EXPLANATION	NULL	VARCHAR2(2000)	Explanation to a question
PROPOSAL_FORM_NUMBER	NULL	VARCHAR2(30)	Proposal form number or EDI transaction set number. Examples are PHS 398 and 194TS.

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_REPORT_Q_EXPLANATION_U1	UNIQUE	1	ORGANIZATION_ID
		2	QUESTION_NUMBER

IGW_ROLES

IGW_ROLES stores information about proposal roles. It also includes the start date and end date for a role, which determines which roles are active at any particular time.

Column Descriptions

Name	Null?	Type	Description
ROLE_ID (PK)	NOT NULL	NUMBER(10)	Role identifier
START_DATE_ACTIVE	NOT NULL	DATE	First effective date of role
END_DATE_ACTIVE	NULL	DATE	Last effective date of role
SEEDED_FLAG	NULL	VARCHAR2(1)	Flag that determines if the role has been seeded or use-defined. Possible values are Y and NULL.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_ROLES_U1	UNIQUE	1	ROLE_ID

Sequences

Sequence	Derived Column
IGW_ROLES_S	ROLE_ID

IGW_ROLES_TL

IGW_ROLES_TL stores multiple language support-related information for the main table IGW_ROLES.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_ROLES	ROLE_ID	ROLE_ID

Column Descriptions

Name	Null?	Type	Description
ROLE_ID (PK)	NOT NULL	NUMBER(10)	Role identifier
LANGUAGE (PK)	NOT NULL	VARCHAR2(4)	Language
SOURCE_LANG	NOT NULL	VARCHAR2(4)	Source language
ROLE_NAME	NOT NULL	VARCHAR2(50)	Role name
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_ROLES_TL_U1	UNIQUE	1 2	ROLE_ID LANGUAGE

IGW_ROLE_RIGHTS

IGW_ROLE_RIGHTS stores rights associated with a role. The rights control access to the proposal.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_ROLES	ROLE_ID	ROLE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
RIGHT_CODE	IGW_RIGHTS	IGW_LOOKUPS
	CREATE_AND_MODIFY_NARRATIVE	Create Narrative
	CREATE_BUDGET	Create Budget
	MODIFY_BUDGET	Modify Budget
	MODIFY_PROPOSAL	Modify Proposal
	PRINT_PROPOSAL	Print Proposal
	VIEW_BUDGET	View Budget
	VIEW_NARRATIVE	View Narrative
	VIEW_PROPOSAL	View Proposal

Column Descriptions

Name	Null?	Type	Description
ROLE_ID (PK)	NOT NULL	NUMBER(10)	Role identifier
RIGHT_CODE (PK)	NOT NULL	VARCHAR2(30)	Right code. Values are taken from the lookups IGW_RIGHTS.
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_ROLE_RIGHTS_U1	UNIQUE	1	ROLE_ID
		2	RIGHT_CODE

IGW_SCIENCE_CODES

IGW_SCIENCE_CODES stores keywords and descriptions used in preparing proposals.

Column Descriptions

Name	Null?	Type	Description
SCIENCE_CODE (PK)	NOT NULL	VARCHAR2(15)	Keywords used in the application
DESCRIPTION	NOT NULL	VARCHAR2(250)	Description for the keywords
LAST_UPDATE_DATE	NOT NULL	DATE	Standard Who column
LAST_UPDATED_BY	NOT NULL	NUMBER(15)	Standard Who column
CREATION_DATE	NOT NULL	DATE	Standard Who column
CREATED_BY	NOT NULL	NUMBER(15)	Standard Who column
LAST_UPDATE_LOGIN	NOT NULL	NUMBER(15)	Standard Who column

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_SCIENCE_CODES_U1	UNIQUE	1	SCIENCE_CODE

IGW_SIGNING_OFFICIAL_V

IGW_SIGNING_OFFICIAL_V displays the details of the proposal's Signing Official. Details include name, address, and organization of the Signing Official.

View Definition

```
CREATE VIEW IGW_SIGNING_OFFICIAL_V
as SELECT
    PA.PROPOSAL_ID,
    PA.PROPOSAL_NUMBER,
    PA.SUBMITTING_ORGANIZATION_ID,
    AP.PERSON_ID,
    AP.FULL_NAME,
    AP.LAST_NAME,
    AP.FIRST_NAME,
    AP.MIDDLE_NAMES,
    AP.TITLE,
    AP.PRE_NAME_ADJUNCT,
    AP.SUFFIX,
    AP.LAST_NAME || decode(AP.FIRST_NAME, NULL, NULL, ' ' '
| | AP.FIRST_NAME) || DECODE(AP.MIDDLE_NAMES, NULL, NULL, ' ' '
| | AP.MIDDLE_NAMES),
    AP.FIRST_NAME || DECODE(AP.MIDDLE_NAMES, NULL, NULL, ' ' '
| | MIDDLE_NAMES) || ' ' | | AP.LAST_NAME || DECODE(SUFFIX, NULL, NULL, ' ' '
| | SUFFIX) FIRST_MIDDLE_LAST_NAME,
    IGW_report_processing.GET_JOB_NAME(AP.PERSON_ID),
    AD.ADDRESS_LINE1,
    AD.ADDRESS_LINE2,
    AD.ADDRESS_LINE3,
    AD.POSTAL_CODE,
    AD.REGION_1,
    AD.REGION_2,
    AD.REGION_3,
    AD.TOWN_OR_CITY,
    AD.COUNTRY,
    IGW_report_processing.get_phone_number(AP.PERSON_ID, 'WF'),
    IGW_report_processing.get_phone_number(AP.PERSON_ID, 'W1'),
    AP.EMAIL_ADDRESS
FROM
    PER_ADDRESSES      AD,
    PER_PEOPLE_X      AP,
    IGW_PROPOSALS_ALL PA
Where
    PA.SIGNING_OFFICIAL_ID = AP.PERSON_ID AND
    PA.SIGNING_OFFICIAL_ID = AD.PERSON_ID(+) AND
    AD.PRIMARY_FLAG(+) = 'Y' AND
    AD.DATE_TO IS NULL
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NULL	VARCHAR2(240)	Proposal identifier
PROPOSAL_NUMBER	NULL	VARCHAR2(240)	Proposal number
ORGANIZATION_ID	NULL	VARCHAR2(240)	Organization identifier

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Column Descriptions (Continued)

Name	Null?	Type	Description
PERSON_ID	NULL	VARCHAR2(240)	Person's identifier
FULL_NAME	NULL	VARCHAR2(240)	Full name
LAST_NAME	NULL	VARCHAR2(240)	Last name
FIRST_NAME	NULL	VARCHAR2(240)	First name
MIDDLE_NAME	NULL	VARCHAR2(240)	Middle name
TITLE	NULL	VARCHAR2(240)	Title, such as Mr., Ms., or Dr.
PREFIX	NULL	VARCHAR2(240)	Prefix
SUFFIX	NULL	VARCHAR2(240)	Suffix after surname, such as Sr., Jr., or III
LAST_FIRST_MIDDLE_NAME	NULL	VARCHAR2(240)	Last name, first name, and middle name of Signing Official. Names are separated by commas.
FIRST_MIDDLE_LAST_NAME	NULL	VARCHAR2(240)	First name, middle name, and last name. Names are separated by commas.
JOB_NAME	NULL	VARCHAR2(240)	Job name
ADDRESS_LINE1	NULL	VARCHAR2(240)	First address line
ADDRESS_LINE2	NULL	VARCHAR2(240)	Second address line
ADDRESS_LINE3	NULL	VARCHAR2(240)	Third address line
POSTAL_CODE	NULL	VARCHAR2(240)	Postal code
REGION_1	NULL	VARCHAR2(240)	Primary region in which address is located
REGION_2	NULL	VARCHAR2(240)	Subregion of Region 1 in which address is located
REGION_3	NULL	VARCHAR2(240)	Subregion of Region 2 in which address is located
TOWN_OR_CITY	NULL	VARCHAR2(240)	Town or city
COUNTRY	NULL	VARCHAR2(240)	Country
WORK_PHONE	NULL	VARCHAR2(240)	Work phone
WORK_FAX	NULL	VARCHAR2(240)	Work fax
EMAIL_ADDRESS	NULL	VARCHAR2(240)	E-mail address

IGW_SPECIAL_REVIEWS_V

IGW_SPECIAL_REVIEWS_V displays details about special reviews of human subjects and animal subjects conducted for the proposal. A value of X for a field indicates True and NULL indicates False.

View Definition

```
CREATE VIEW IGW_SPECIAL_REVIEWS_V
as SELECT
    P.PROPOSAL_ID,
    P.proposal_number,
    DECODE(H.SPECIAL_REVIEW_CODE,'1','X',' ') ,
    DECODE(H.SPECIAL_REVIEW_CODE,'1',' ','X') ,
    DECODE(H.APPROVAL_TYPE_CODE,1,'X',' ') ,
    DECODE(H.APPROVAL_TYPE_CODE,2,'X',' ') ,
    DECODE(H.APPROVAL_TYPE_CODE,3,'X',' ') ,
    DECODE(H.SPECIAL_REVIEW_TYPE,'F','X',' ') ,
    DECODE(H.SPECIAL_REVIEW_TYPE,'E','X',' ') ,
    H.APPROVAL_DATE ,
    DECODE(A.SPECIAL_REVIEW_CODE,'2','X',' ') ,
    DECODE(A.SPECIAL_REVIEW_CODE,'2',' ','X') ,
    DECODE(A.APPROVAL_TYPE_CODE,1,'X',' ') ,
    DECODE(A.APPROVAL_TYPE_CODE,2,'X',' ') ,
    DECODE(A.APPROVAL_TYPE_CODE,3,'X',' ') ,
    DECODE(A.SPECIAL_REVIEW_TYPE,'F','X',' ') ,
    DECODE(A.SPECIAL_REVIEW_TYPE,'E','X',' ') ,
    A.APPROVAL_DATE
FROM   IGW_PROP_SPECIAL_REVIEWS H,
       IGW_PROP_SPECIAL_REVIEWS A,
       IGW_PROPOSALS_ALL P
Where  H.SPECIAL_REVIEW_CODE(+) = '1' AND
       A.SPECIAL_REVIEW_CODE(+) = '2' AND
       A.PROPOSAL_ID(+) = P.PROPOSAL_ID AND
       H.PROPOSAL_ID(+) = P.PROPOSAL_ID
```

Column Descriptions

Name	Null?	Type	Description
PROPOSAL_ID	NULL	VARCHAR2(240)	Proposal identifier
PROPOSAL_NUMBER	NULL	VARCHAR2(240)	Proposal number
HUMAN_SUBJECTS_YES	NULL	VARCHAR2(240)	Proposal has human subjects. X indicates Yes and Null indicates No.
HUMAN_SUBJECTS_NO	NULL	VARCHAR2(240)	Proposal does not have human subjects. X indicates Yes and Null indicates No.
HUMAN_REVIEW_PENDING	NULL	VARCHAR2(240)	Human subjects review pending
HUMAN_REVIEW_APPROVED	NULL	VARCHAR2(240)	Human subjects review approved
HUMAN_REVIEW_REJECTED	NULL	VARCHAR2(240)	Human subjects review rejected
HUMAN_REVIEW_FULL	NULL	VARCHAR2(240)	Human subjects review full
HUMAN_REVIEW_EXPEDITED	NULL	VARCHAR2(240)	Human subjects review expedited
HUMAN_APPROVAL_DATE	NULL	VARCHAR2(240)	Human subjects review approval date



Column Descriptions (Continued)

Name	Null?	Type	Description
ANIMAL_SUBJECTS_YES	NULL	VARCHAR2(240)	Proposal has animal subjects. X indicates Yes and Null indicates No.
ANIMAL_SUBJECTS_NO	NULL	VARCHAR2(240)	Proposal does not have animal subjects. X indicates Yes and Null indicates No.
ANIMAL_REVIEW_PENDING	NULL	VARCHAR2(240)	Animal subjects review pending
ANIMAL_REVIEW_APPROVED	NULL	VARCHAR2(240)	Animal subjects review approved
ANIMAL_REVIEW_REJECTED	NULL	VARCHAR2(240)	Animal subjects review rejected
ANIMAL_REVIEW_FULL	NULL	VARCHAR2(240)	Animal subjects review full
ANIMAL_REVIEW_EXPEDITED	NULL	VARCHAR2(240)	Animal subjects review expedited
ANIMAL_APPROVAL_DATE	NULL	VARCHAR2(240)	Animal subjects review approval date

IGW_STUDY_TITLES

IGW_STUDY_TITLES stores titles of studies conducted on subjects. A proposal can have multiple study titles.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_PROPOSALS_ALL	PROPOSAL_ID	PROPOSAL_ID

Column Descriptions

Name	Null?	Type	Description
STUDY_TITLE_ID	NOT NULL	NUMBER(15)	Study title identifier
STUDY_TITLE	NULL	VARCHAR2(240)	Title of study conducted on a particular subject
PROPOSAL_ID	NOT NULL	NUMBER(15)	Proposal identifier

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_STUDY_TITLES_U1	UNIQUE	5	STUDY_TITLE_ID

IGW_SUBJECT_INFORMATION

IGW_SUBJECT_INFORMATION stores information about subjects on which studies are conducted. Information such as type of subject and number of subjects are stored in this table.

Foreign Keys

Primary Key Table	Primary Key Column	Foreign Key Column
IGW_STUDY_TITLES	STUDY_TITLE_ID	STUDY_TITLE_ID

QuickCodes Columns

Column	QuickCodes Type	QuickCodes Table
SUBJECT_RACE_CODE	IGW_SUBJECT_RACE	IGW_LOOKUPS
	1	American Indian or Alaskan native
	2	Asian or Pacific Islander
	3	Black, not of Hispanic Origin
	4	Hispanic
	5	White, not of Hispanic Origin
SUBJECT_TYPE_CODE	6	Other or unknown
	IGW_SUBJECT_TYPE	IGW_LOOKUPS
	F	Female
	M	Male
	U	Unknown

Column Descriptions

Name	Null?	Type	Description
STUDY_TITLE_ID	NOT NULL	NUMBER(15)	Study title identifier
SUBJECT_TYPE_CODE	NOT NULL	VARCHAR2(30)	Unique code that identifies the type of subject
SUBJECT_RACE_CODE	NULL	VARCHAR2(30)	Unique code that identifies the race of subject
NO_OF_SUBJECTS	NULL	NUMBER(15)	Number of subjects

Indexes

Index Name	Index Type	Sequence	Column Name
IGW_SUBJECT_INFORMATION_U1	UNIQUE	5	STUDY_TITLE_ID
		10	SUBJECT_TYPE_CODE



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Reader’s Comment Form

Oracle Grants Proposal Technical Reference Manual
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